



# HYGIENETECH

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June 25, 2009

State of California  
Board of Equalization  
450 N Street  
Sacramento, California 94279

Document No. 20906001.6

Attention: David Gau

Regarding: Limited Fungal Growth Exposure Assessment Survey  
Elevator Shaft Abatement Monitoring

Dear Mr. Gau:

On June 19 through 21, 2009, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) monitored elevator shaft mold remediation work within the State of California Board of Equalization (BOE) building being performed by JLS Environmental Services, Inc. (JLS) in accordance with the protocols set forth in the document "Letter Summary Report – Elevator Shaft Mitigation Procedures", prepared by BioMax Environmental, LLC, dated March 19, 2009. During the monitored period, air samples for fungal spores were collected in random elevator lobby areas and within the elevator cars while the remediation was ongoing and at the conclusion of the cleaning. The survey findings, along with the analytical data, conclusions, and conclusions appear below.

On the survey date, air samples were collected for total (viable and nonviable) fungi analyses using Zefon brand Bio-Pumps™ equipped with Allergenco-D™ cassettes. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The airborne fungi assessment analytical data with supporting and background information appear in the enclosed table.

As presented in Table 20906001-105, the airborne spore count data recorded showed mostly common fungal spore types outdoors, such as *Alternaria*, ascospores, basidiospores, *Botrytis*, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Oidium*, other brown, rusts, smuts, *Spegazzinia*, *Stemphylium*, and/or *Torula*, with basidiospores or *Cladosporium* predominating. In the interior elevator lobby areas, the data showed low airborne concentrations of common fungal spore types that were consistent with those found outdoors, and the overall data within these areas were well below the overall data recorded outdoors. As indicated in the table, the air samples collected in the elevator cars, with one exception, also showed low airborne concentrations of common fungal spore types that were consistent with those found outdoors, along with overall data that were well below the overall data recorded outdoors. The only exception occurred within Elevator Car #6 subsequent to the completion of elevator shaft abatement activities and elevator car detail cleaning on June 20. That air sample indicated a



higher than normal level of colorless spores typical of *Penicillium* and *Aspergillus* species. This increase in airborne fungal spore count was likely attributable to the opening and closing of the elevator car hatch to facilitate the exchange of tools and supplies to the JLS workers riding on top of the car. However, note that on Sunday, June 21, subsequent air samples collected within Elevator Car #6 both during and after elevator shaft abatement activities indicated only low levels of common fungal spore types. Please also note that once the elevator shaft cleaning was completed on June 21, the interior of the elevator cars were vacuumed with equipment having high efficiency particulate air (HEPA) filtration and then wet wiped by JLS personnel. Collectively, these data are considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth exposure potentials that existed at the time the survey was performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, or other factors. Also be advised that additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the survey.

If you have any comments or questions regarding the information contained in this correspondence, please feel free to contact our offices directly at (310) 370-8370.

Sincerely,

**HYGIENE TECHNOLOGIES INTERNATIONAL, INC.**

Kenny K. Hsi, CIH  
Technical Director

# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: State of California  
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450 N Street  
Sacramento, California 94279

**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM301OUTAR  | 20906001-<br>TM302AR   | 20906001-<br>TM303LS   | 20906001-<br>TM304LS  |
|-------------------------------------|--|--|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | Outdoors about 25 feet north of building; approximately five feet above ground/Normal outdoor activities | 1 <sup>st</sup> Floor; low rise elevator lobby; about center; approximately five feet above floor/Elevator pit cleaning activities in progress | 23 <sup>rd</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only | 8 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only |
| <b>DATE</b>                         | 6-19-09  | 6-19-09  | 6-19-09  | 6-19-09   |
| <b>START/STOP</b>                   | 17:45:00/17:50   | 19:50:00/19:55:00  | 21:50:00/21:55:00  | 22:00:00/22:05:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes  | 5 minutes  | 5 minutes  | 5 minutes   |
| Alternaria                          | 150  |  |  |   |
| Ascospores                          | 440  |  |  |   |
| Aureobasidium                       |  |  |  |   |
| Basidiospores                       | 230  | 110  |  |   |
| Bipolaris/Drechslera group          |  |  |  |   |
| Botrytis                            |  |  |  |   |
| Chaetomium                          |  |  |  |   |
| Cladosporium                        | 10,000   | 480  | 110  | 53  |
| Epicoccum                           |  |  |  |   |
| Nigrospora                          |  |  |  |   |
| Oidium                              | 40   |  |  |   |
| Other brown                         | 53   |  |  |   |
| Penicillium/Aspergillus types       | 330  |  |  |   |
| Pithomyces                          |  |  |  |   |
| Rusts                               | 190  |  |  |   |
| Scopulariopsis                      |  |  |  |   |
| Smuts (Periconia, Myxomycetes)      | 1,200  | 13   | 13   | 13  |
| Stachybotrys                        |  |  |  |   |
| Stemphylium                         |  |  |  |   |
| Torula                              | 13   |  |  |   |
| Ulocladium                          |  |  |  |   |
| Hyphal fragments                    | 270  | 27   | <13  | <13   |
| Background debris*                  | 4+   | 3+   | 3+   | 3+  |
| <b>TOTAL**</b>                      | 13,000   | 600  | 120  | 67  |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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# APPENDIX A



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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM305AR  | 20906001-TM306AR   | 20906001-TM307AR  | 20906001-TM308AR   |
|-------------------------------------|---|--|---|--|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 6 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator Shaft abatement in progress | 21 <sup>st</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only | 7 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator Shaft abatement in progress | 8 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator Shaft abatement in progress |
| <b>DATE</b>                         | 6-19-09   | 6-19-09  | 6-19-09   | 6-19-09  |
| <b>START/STOP</b>                   | 22:40:00/22:54:00   | 23:00:00/23:05:00  | 23:10:00/23:15:00   | 23:18:00/23:23:00  |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes  | 5 minutes   | 5 minutes  |
| Alternaria                          |   |  | 13  |  |
| Ascospores                          |   |  |   |  |
| Aureobasidium                       |   |  |   |  |
| Basidiospores                       |   |  |   |  |
| Bipolaris/Drechslera group          |   |  |   |  |
| Botrytis                            |   |  |   |  |
| Chaetomium                          |   |  |   |  |
| Cladosporium                        | 110   | 53   | 53  | 53   |
| Epicoccum                           |   |  |   |  |
| Nigrospora                          |   |  |   |  |
| Other brown                         |   |  | 13  |  |
| Penicillium/Aspergillus types       |   |  |   |  |
| Pithomyces                          |   |  |   |  |
| Rusts                               |   | 13   |   |  |
| Scopulariopsis                      |   |  |   |  |
| Smuts (Periconia, Myxomycetes)      |   |  |   |  |
| Stachybotrys                        |   |  |   |  |
| Stemphylium                         |   |  |   |  |
| Torula                              |   |  |   |  |
| Trichophyton                        |   |  |   |  |
| Trichosporon                        |   |  |   |  |
| Ulocladium                          |   |  |   |  |
| Hyphal fragments                    | <13   | <13  | <13   | 13   |
| Background debris*                  | 3+  | 3+   | 3+  | 3+   |
| <b>TOTAL**</b>                      | 110   | 67   | 80  | 53   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.



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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM309AR  | 20906001-TM310AR   | 20906001-TM311AR  | 20906001-TM312ARCL  |
|-------------------------------------|---|--|---|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 9 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator Shaft abatement in progress | 10 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator Shaft abatement in progress | 11 <sup>th</sup> Floor; southern hallway; outside containment; about center; approximately five feet above floor/Elevator Shaft abatement in progress | 23 <sup>rd</sup> Floor; southern hallway; outside containment; about center; approximately five feet above floor/Sampling activities only |
| <b>DATE</b>                         | 6-19-09   | 6-19-09  | 6-19-09   | 6-19-09   |
| <b>START/STOP</b>                   | 23:40:00/23:45:00   | 23:50:00/23:55:00  | 0:15:00/0:20:00   | 1:53:00/1:58:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes  | 5 minutes   | 5 minutes   |
| Alternaria                          |   | 13   |   |   |
| Ascospores                          |   |  |   |   |
| Aureobasidium                       |   |  |   |   |
| Basidiospores                       |   |  |   |   |
| Bipolaris/Drechslera group          |   |  |   |   |
| Botrytis                            |   |  |   |   |
| Chaetomium                          |   |  |   |   |
| Cladosporium                        |   |  | 110   | 160   |
| Epicoccum                           |   |  |   |   |
| Nigrospora                          |   |  |   |   |
| Penicillium/Aspergillus types       |   |  |   |   |
| Pithomyces                          |   |  |   |   |
| Rusts                               |   |  |   | 13  |
| Scopulariopsis                      |   |  |   |   |
| Smuts (Periconia, Myxomycetes)      |   |  |   |   |
| Stachybotrys                        |   |  |   |   |
| Torula                              |   |  |   |   |
| Trichoderma                         |   |  |   |   |
| Trichophyton                        |   |  |   |   |
| Trichosporon                        |   |  |   |   |
| Ulocladium                          |   |  |   |   |
| Hyphal fragments                    | <13   | <13  | <13   | <13   |
| Background debris*                  | 3+  | 2+   | 3+  | 3+  |
| <b>TOTAL**</b>                      | <13   | 13   | 110   | 170   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

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AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM313AR  | 20906001-TM314AR  | 20906001-TM315AR  | 20906001-TM316AR  |
|-------------------------------------|---|---|---|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 21 <sup>st</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Sampling activities only | 11 <sup>th</sup> Floor; southern hallway; outside of containment; about center; approximately five feet above floor/ Sampling activities only | 8 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only | 6 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only |
| <b>DATE</b>                         | 6-19-09   | 6-19-09   | 6-19-09   | 6-19-09   |
| <b>START/STOP</b>                   | 2:00:00/2:05:00   | 2:08:00/2:13:00   | 2:15:00/2:20:00   | 2:22:00/2:27:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes   | 5 minutes   | 5 minutes   |
| Alternaria                          |   | 13  |   |   |
| Ascospores                          |   | 110   |   |   |
| Aureobasidium                       |   |   |   |   |
| Basidiospores                       | 53  |   |   |   |
| Bipolaris/Drechslera group          |   |   |   |   |
| Botrytis                            |   |   |   |   |
| Chaetomium                          |   |   |   |   |
| Cladosporium                        | 160   | 110   | 53  | 53  |
| Curvularia                          |   | 13  |   |   |
| Epicoccum                           |   |   |   |   |
| Nigrospora                          |   |   |   |   |
| Other brown                         |   | 13  |   |   |
| Penicillium/Aspergillus types       |   |   |   |   |
| Pithomyces                          |   |   |   |   |
| Rusts                               |   |   |   |   |
| Scopulariopsis                      |   |   |   |   |
| Smuts (Periconia, Myxomycetes)      |   | 40  | 13  |   |
| Stachybotrys                        |   |   |   |   |
| Torula                              |   |   |   |   |
| Trichoderma                         |   |   |   |   |
| Trichophyton                        |   |   |   |   |
| Ulocladium                          |   |   |   |   |
| Hyphal fragments                    | 13  | <13   | <13   | <13   |
| Background debris*                  | 3+  | 4+  | 3+  | 3+  |
| <b>TOTAL**</b>                      | 210   | 290   | 67  | 53  |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.



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AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM317AR  | 20906001-<br>TM318OUTAR   | 20906001-<br>TM6001LS  | 20906001-<br>TM6002LS   |
|-------------------------------------|---|---|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 3 <sup>rd</sup> Floor; elevator lobby; about center; approximately five feet above floor/Sampling activities only | Outdoors; about 25 feet north of building; approximately five feet above ground/Normal outdoor activities | 6 <sup>th</sup> Floor; Elevator Car # 3; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 11 <sup>th</sup> Floor; Elevator Car # 4: about center; approximately five feet above floor/ Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-19-09   | 6-19-09   | 6-19-09  | 6-19-09   |
| <b>START/STOP</b>                   | 2:30:00/2:35:00   | 2:45:00/2:50:00   | 10:47:00/10:52:00  | 1:30:00/1:35:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes   | 5 minutes  | 5 minutes   |
| Alternaria                          | 13  |   | 13   |   |
| Ascospores                          |   | 210   |  |   |
| Aureobasidium                       |   |   |  |   |
| Basidiospores                       |   | 270   |  | 110   |
| Bipolaris/Drechslera group          |   |   |  |   |
| Botrytis                            |   |   |  |   |
| Chaetomium                          |   |   |  |   |
| Cladosporium                        | 53  | 1,400   | 230  |   |
| Epicoccum                           |   |   |  |   |
| Fusarium                            |   |   |  |   |
| Nigrospora                          |   |   |  |   |
| Oidium                              |   | 27  |  |   |
| Other brown                         | 13  |   |  | 13  |
| Penicillium/Aspergillus types       |   |   |  |   |
| Pithomyces                          |   |   |  |   |
| Rusts                               |   | 13  | 13   |   |
| Scopulariopsis                      |   |   |  |   |
| Smuts (Periconia, Myxomycetes)      | 13  |   | 13   |   |
| Stachybotrys                        |   |   |  |   |
| Torula                              |   | 13  |  |   |
| Trichophyton                        |   |   |  |   |
| Trichosporon                        |   |   |  |   |
| Hyphal fragments                    | <13   | 27  | 13   | 13  |
| Background debris*                  | 3+  | 2+  | 4+   | 4+  |
| <b>TOTAL**</b>                      | 93  | 1,900   | 270  | 120   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                           | 20906001-<br>TM6003LS   | 20906001-<br>TM6004LS  | 20906001-<br>TM321OUTAR   | 20906001-<br>TM322AR  |
|---|---|--|---|---|
| <b>SAMPLING<br/>LOCATION/ACTIVITIES</b> | 11 <sup>th</sup> Floor; Elevator<br>Car #3 about center;<br>approximately five feet<br>above floor/Post<br>abatement; sampling<br>activities only | 11 <sup>th</sup> Floor; Elevator<br>Car #4; about center;<br>approximately five<br>feet above floor/Post<br>abatement; sampling<br>activities only | Outdoors;<br>approximately 25 feet<br>north of building; about<br>center; approximately<br>five feet above<br>ground/Normal outdoor<br>activities | 1 <sup>st</sup> Floor; high rise<br>elevator lobby; about<br>center; approximately<br>five feet above floor/<br>Elevator shaft<br>abatement in progress |
| <b>DATE</b>                             | 6-19-09   | 6-19-09  | 6-20-09   | 6-20-09   |
| <b>START/STOP</b>                       | 02:25:00/02:30:00   | 02:31:00/02:36:00  | 10:30:00/10:35:00   | 11:00:00/11:05:00   |
| <b>SAMPLE TIME</b>                      | 5 minutes   | 5 minutes  | 5 minutes   | 5 minutes   |
| Alternaria                              |   |  | 53  | 13  |
| Ascospores                              |   |  | 110   |   |
| Aureobasidium                           |   |  |   |   |
| Basidiospores                           |   |  | 1,200   | 53  |
| Bipolaris/Drechslera group              |   |  |   |   |
| Botrytis                                |   |  | 40  |   |
| Chaetomium                              |   |  |   |   |
| Cladosporium                            | 160   |  | 3,600   |   |
| Epicoccum                               |   |  |   |   |
| Nigrospora                              |   |  |   |   |
| Oidium                                  |   |  | 27  |   |
| Penicillium/Aspergillus types           |   |  | 110   |   |
| Pithomyces                              |   |  |   |   |
| Rusts                                   |   |  | 67  |   |
| Scopulariopsis                          |   |  |   | 13  |
| Smuts (Periconia, Myxomycetes)          |   |  | 80  |   |
| Stachybotrys                            |   |  |   |   |
| Torula                                  |   |  | 13  |   |
| Trichoderma                             |   |  |   |   |
| Trichophyton                            |   |  |   |   |
| Ulocladium                              |   |  |   |   |
| Hyphal fragments                        | <13   | <13  | 160   | <13   |
| Background debris*                      | 3+  | 2+   | 2+  | 1+  |
| <b>TOTAL**</b>                          | 160   | <13  | 5,300   | 80  |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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ELEVATOR SHAFT ABATEMENT  
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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM323AR   | 20906001-<br>TM324AR   | 20906001-<br>TM325AR   | 20906001-<br>TM326AR   |
|-------------------------------------|--|--|--|--|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 3 <sup>rd</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 5 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 6 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 7 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-20-09  | 6-20-09  | 6-20-09  | 6-20-09  |
| <b>START/STOP</b>                   | 11:48:00/11:53:00  | 12:18:00/12:23:00  | 13:58:00/14:03:00  | 14:20:00/14:25:00  |
| <b>SAMPLE TIME</b>                  | 5 minutes  | 5 minutes  | 5 minutes  | 5 minutes  |
| Alternaria                          |  |  |  |  |
| Ascospores                          |  |  |  |  |
| Aureobasidium                       |  |  |  |  |
| Basidiospores                       |  |  |  | 110  |
| Bipolaris/Drechslera group          |  |  |  |  |
| Botrytis                            |  |  |  |  |
| Chaetomium                          |  |  |  |  |
| Cladosporium                        | 53   |  | 53   |  |
| Epicoccum                           |  |  |  |  |
| Nigrospora                          |  |  |  |  |
| Oidium                              |  |  |  |  |
| Other Brown                         |  |  |  |  |
| Penicillium/Aspergillus types       |  |  | 53   |  |
| Pithomyces                          |  |  |  |  |
| Rusts                               |  | 13   |  |  |
| Smuts (Periconia, Myxomycetes)      |  |  |  |  |
| Stachybotrys                        |  |  |  |  |
| Stemphylium                         |  |  |  |  |
| Torula                              |  |  |  |  |
| Trichoderma                         |  |  |  |  |
| Ulocladium                          |  |  |  | 13   |
| Hyphal fragments                    | 13   | <13  | <13  | <13  |
| Background debris*                  | 1+   | 1+   | 1+   | 1+   |
| <b>TOTAL**</b>                      | <b>53</b>  | <b>13</b>  | <b>110</b>   | <b>120</b>   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.



CLIENT: State of California  
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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 209060001-TM327AR   | 20906001-TM328AR   | 20906001-TM329AR   | 20906001-TM330AR  |
|-------------------------------------|---|--|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 8 <sup>th</sup> Floor; elevator lobby about center; approximately five feet above floor/ Elevator shaft abatement in progress | 9 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 9 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress | 10 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-20-09   | 6-20-09  | 6-20-09  | 6-20-09   |
| <b>START/STOP</b>                   | 15:00:00/15:05:00   | 15:41:00/15:46:00  | 16:05:00/16:10:00  | 17:02:00/17:07:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes  | 5 minutes  | 5 minutes   |
| Alternaria                          |   | 13   |  |   |
| Ascospores                          |   |  |  |   |
| Aureobasidium                       |   |  |  |   |
| Basidiospores                       | 110   |  |  | 53  |
| Bipolaris/Drechslera group          |   |  |  |   |
| Botrytis                            |   |  |  |   |
| Chaetomium                          |   |  |  |   |
| Cladosporium                        | 53  |  | 110  | 53  |
| Epicoccum                           | 13  |  |  |   |
| Other Brown                         |   |  |  |   |
| Penicillium/Aspergillus types       |   |  |  |   |
| Pithomyces                          |   |  |  |   |
| Rusts                               | 13  |  |  | 13  |
| Scopulariopsis                      |   |  |  |   |
| Smuts (Periconia, Myxomycetes)      | 13  | 13   |  |   |
| Stachybotrys                        |   |  |  |   |
| Stemphylium                         |   |  |  |   |
| Trichoderma                         |   |  |  |   |
| Trichophyton                        |   |  |  |   |
| Trichosporon                        |   |  |  |   |
| Ulocladium                          |   |  |  |   |
| Hyphal fragments                    | 27  | 13   | <13  | <13   |
| Background debris*                  | 1+  | 1+   | 1+   | 1+  |
| <b>TOTAL**</b>                      | 200   | 27   | 110  | 120   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: State of California  
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450 N Street  
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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM331AR   | 20906001-TM333AR   | 20906001-TM334AR   | 20906001-TM335AR  |
|-------------------------------------|--|--|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 11 <sup>th</sup> Floor; outside of barrier; southern hallway; between low rise and high rise elevator lobbies; approximately five feet above floor/ Elevator shaft abatement in progress | 14 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Post abatement; sampling activities only | 19 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Post abatement; sampling activities only | 3 <sup>rd</sup> Floor; northern hallway; at critical barrier entrance; approximately five feet above floor/Post abatement; sampling activities only |
| <b>DATE</b>                         | 6-20-09  | 6-20-09  | 6-20-09  | 6-20-09   |
| <b>START/STOP</b>                   | 17:41:00/17:46:00  | 18:31:00/18:36:00  | 18:40:00/18:45:00  | 18:53:00/18:58:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes  | 5 minutes  | 5 minutes  | 5 minutes   |
| Alternaria                          |  |  |  |   |
| Ascospores                          | 53   |  |  |   |
| Aureobasidium                       |  |  |  |   |
| Basidiospores                       | 160  | 53   |  | 110   |
| Bipolaris/Drechslera group          |  |  |  |   |
| Botrytis                            |  |  |  |   |
| Chaetomium                          |  |  |  |   |
| Cladosporium                        | 110  |  | 53   | 53  |
| Epicoccum                           |  |  |  |   |
| Other brown                         |  |  | 13   |   |
| Penicillium/Aspergillus types       |  |  |  |   |
| Pithomyces                          |  |  |  |   |
| Rusts                               |  |  | 27   | 40  |
| Scopulariopsis                      |  |  |  |   |
| Smuts (Periconia, Myxomycetes)      |  |  | 13   |   |
| Stachybotrys                        |  |  |  |   |
| Stemphylium                         |  |  |  |   |
| Torula                              |  |  |  |   |
| Ulocladium                          |  |  |  |   |
| Unidentified mitosporic fungi       |  |  |  |   |
| Unidentified zygomycetes            |  |  |  |   |
| Hyphal fragments                    | <13  | 27   | <13  | <13   |
| Background debris*                  | 1+   | 1+   | 1+   | 1+  |
| <b>TOTAL**</b>                      | 320  | 53   | 110  | 200   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.



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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM336OUTAR   | 20906001-<br>TM201OUTWF  | 20906001-<br>TM101WF   | 20906001-<br>TM102WF  |
|-------------------------------------|---|--|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | Outdoors; about 25 feet north of building; approximately five feet above ground/Normal outdoor activities | Outdoors; about 25 feet east of building; approximately five feet above ground/Normal outdoor activities | Elevator Car # 5; about center; approximately four feet above floor/Elevator shaft abatement in progress | Elevator Car #6; about center; approximately four feet above floor/Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-20-09   | 6-20-09  | 6-20-09  | 6-20-09   |
| <b>START/STOP</b>                   | 19:06:00/19:11:00   | 14:10:00/14:15:00  | 11:27:00/11:32:00  | 15:00:00/15:05:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes  | 5 minutes  | 5 minutes   |
| Alternaria                          | 13  |  |  |   |
| Ascospores                          | 210   | 270  | 53   |   |
| Aureobasidium                       |   |  |  |   |
| Basidiospores                       | 1,300   | 1,100  | 160  |   |
| Bipolaris/Drechslera group          |   |  | 13   |   |
| Botrytis                            | 27  |  |  |   |
| Cercospora                          |   | 13   |  |   |
| Chaetomium                          |   |  |  |   |
| Cladosporium                        | 1,500   | 1,300  | 160  | 53  |
| Epicoccum                           |   |  |  | 13  |
| Fusarium                            |   |  |  |   |
| Nigrospora                          |   |  |  |   |
| Oidium                              |   | 27   |  |   |
| Penicillium/Aspergillus types       | 53  | 1,300  | 210  | 270   |
| Pithomyces                          |   |  |  |   |
| Rusts                               | 40  |  |  |   |
| Scopulariopsis                      |   |  | 53   |   |
| Smuts (Periconia, Myxomycetes)      | 150   | 80   |  |   |
| Stachybotrys                        |   |  |  |   |
| Stemphylium                         |   |  |  |   |
| Torula                              |   |  |  |   |
| Trichoderma                         |   |  |  |   |
| Hyphal fragments                    | 67  | 200  | 27   | <13   |
| Background debris*                  | 2+  | 2+   | 3+   | 3+  |
| <b>TOTAL**</b>                      | 3,400   | 4,100  | 650  | 330   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM103AR  | 20906001-<br>TM104WF  | 20906001-<br>TM301OUTWF  | 20906001-<br>TM302WF  |
|-------------------------------------|---|---|--|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 11 <sup>th</sup> Floor; Elevator Car #6; about center; approximately four feet above floor/Post abatement; sampling activities only | 11 <sup>th</sup> Floor; Elevator Car #5; about center; approximately four feet above floor/Post abatement; sampling activities only | Outdoors; about 25 feet east of building; approximately five feet above ground/Normal outdoor activities | 14 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/ Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-20-09   | 6-20-09   | 6-21-09  | 6-21-09   |
| <b>START/STOP</b>                   | 18:35:00/19:40:00   | 18:45:00/18:50:00   | 10:08:00/10:13:00  | 10:28:00/10:33:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes   | 5 minutes  | 5 minutes   |
| Alternaria                          |   |   |  |   |
| Ascospores                          | 53  |   | 430  |   |
| Aureobasidium                       |   |   |  |   |
| Basidiospores                       | 270   | 53  | 960  |   |
| Bipolaris/Drechslera group          |   |   |  |   |
| Botrytis                            |   |   |  |   |
| Chaetomium                          |   |   |  |   |
| Cladosporium                        | 110   | 53  | 1,700  | 110   |
| Epicoccum                           |   |   |  |   |
| Fusarium                            |   |   |  |   |
| Nigrospora                          |   |   |  |   |
| Oidium                              |   |   |  |   |
| Other brown                         |   |   |  |   |
| Penicillium/Aspergillus types       | 8,300   | 53  | 210  | 53  |
| Pithomyces                          |   |   |  |   |
| Rusts                               | 13  | 13  |  |   |
| Scopulariopsis                      |   |   |  |   |
| Smuts (Periconia, Myxomycetes)      | 40  |   | 280  |   |
| Stachybotrys                        |   |   |  |   |
| Stemphylium                         |   |   |  |   |
| Torula                              |   |   | 13   |   |
| Trichoderma                         |   |   |  |   |
| Hyphal fragments                    | 13  | <13   | 170  | 27  |
| Background debris*                  | 3+  | 3+  | 2+   | 1+  |
| <b>TOTAL**</b>                      | 8,700   | 170   | 3,600  | 160   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: State of California  
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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM303WF  | 20906001-TM304WF   | 20906001-TM305WF   | 20906001-TM306WF   |
|-------------------------------------|---|--|--|--|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 1 <sup>st</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 16 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 17 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 18 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-21-09   | 6-21-09  | 6-21-09  | 6-21-09  |
| <b>START/STOP</b>                   | 10:45:00/10:50:00   | 11:08:00/11:13:00  | 11:28:00/11:33:00  | 11:35:00/11:40:00  |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes  | 5 minutes  | 5 minutes  |
| Alternaria                          |   |  |  |  |
| Ascospores                          |   |  |  |  |
| Aureobasidium                       |   |  |  |  |
| Basidiospores                       | 53  |  |  |  |
| Bipolaris/Drechslera group          |   |  |  |  |
| Botrytis                            |   |  |  |  |
| Chaetomium                          |   |  |  |  |
| Cladosporium                        | 53  | 110  | 53   |  |
| Epicoccum                           |   |  |  |  |
| Fusarium                            |   |  |  |  |
| Microsporum                         |   |  |  |  |
| Myrothecium                         |   |  |  |  |
| Nigrospora                          |   |  |  |  |
| Penicillium/Aspergillus types       | 160   |  | 53   | 53   |
| Pithomyces                          |   |  |  |  |
| Rusts                               |   |  |  |  |
| Scopulariopsis                      |   |  |  |  |
| Smuts (Periconia, Myxomycetes)      | 13  |  |  |  |
| Stachybotrys                        |   |  |  |  |
| Stemphylium                         |   |  |  |  |
| Torula                              |   |  |  |  |
| Trichoderma                         |   |  |  |  |
| Hyphal fragments                    | <13   | <13  | <13  | <13  |
| Background debris*                  | 1+  | 1+   | 1+   | 1+   |
| <b>TOTAL**</b>                      | 280   | 110  | 110  | 53   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: State of California  
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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM307WF   | 20906001-TM308WF   | 20906001-TM309WF   | 20906001-TM310WF   |
|-------------------------------------|--|--|--|--|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 19 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 20 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 21 <sup>st</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 22 <sup>nd</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-21-09  | 6-21-09  | 6-21-09  | 6-21-09  |
| <b>START/STOP</b>                   | 11:42:00/11:47:00  | 12:36:00/12:41:00  | 12:59:00/13:04:00  | 13:18:00/13:23:00  |
| <b>SAMPLE TIME</b>                  | 5 minutes  | 5 minutes  | 5 minutes  | 5 minutes  |
| Alternaria                          |  |  |  |  |
| Ascospores                          |  |  |  |  |
| Aureobasidium                       |  |  |  |  |
| Basidiospores                       | 53   | 110  | 110  |  |
| Bipolaris/Drechslera group          |  |  |  |  |
| Botrytis                            |  |  |  |  |
| Chaetomium                          |  | 13   | 13   |  |
| Cladosporium                        | 110  | 270  | 110  |  |
| Epicoccum                           |  |  |  |  |
| Microsporum                         |  |  |  |  |
| Nigrospora                          |  |  |  |  |
| Penicillium/Aspergillus types       | 53   |  | 53   | 370  |
| Rusts                               |  |  |  |  |
| Scopulariopsis                      |  |  |  |  |
| Smuts (Periconia, Myxomycetes)      |  |  | 13   |  |
| Stachybotrys                        |  |  |  |  |
| Stemphylium                         |  |  |  |  |
| Torula                              |  |  |  |  |
| Trichoderma                         |  |  |  |  |
| Trichophyton                        |  |  |  |  |
| Trichosporon                        |  |  |  |  |
| Ulocladium                          |  |  |  |  |
| Hyphal fragments                    | 13   | <13  | 27   | <13  |
| Background debris*                  | 1+   | 1+   | 1+   | 1+   |
| <b>TOTAL**</b>                      | 210  | 390  | 290  | 370  |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-<br>TM311WF   | 20906001-<br>TM312WF   | 20906001-<br>TM313OUTWF   | 20906001-<br>TM401AR  |
|-------------------------------------|--|--|---|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | 23 <sup>rd</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | 24 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Elevator shaft abatement in progress | Outdoors; about 25 feet north of building; approximately five feet above ground/Normal outdoor activities | Elevator car #6; about center; approximately four feet above floor/Elevator shaft abatement in progress |
| <b>DATE</b>                         | 6-21-09  | 6-21-09  | 6-21-09   | 6-21-09   |
| <b>START/STOP</b>                   | 13:31:00/13:36:00  | 13:45:00/13:50:00  | 14:01:00/14:06:00   | 11:05:00/11:10:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes  | 5 minutes  | 5 minutes   | 5 minutes   |
| Alternaria                          |  |  |   |   |
| Ascospores                          | 53   |  | 430   |   |
| Aureobasidium                       |  |  |   |   |
| Basidiospores                       | 160  |  | 1,100   | 110   |
| Bipolaris/Drechslera group          |  |  |   |   |
| Botrytis                            |  |  |   |   |
| Chaetomium                          |  |  | 13  |   |
| Cladosporium                        | 320  | 53   | 1,200   | 110   |
| Epicoccum                           |  |  |   |   |
| Nigrospora                          |  |  |   |   |
| Penicillium/Aspergillus types       | 370  | 160  | 110   | 53  |
| Rusts                               |  |  | 53  |   |
| Scopulariopsis                      |  |  |   |   |
| Smuts (Periconia, Myxomycetes)      | 27   |  | 250   |   |
| Spegazzinia                         |  |  | 13  |   |
| Stachybotrys                        |  |  |   |   |
| Stemphylium                         |  |  | 13  |   |
| Torula                              |  |  |   |   |
| Trichoderma                         |  |  |   |   |
| Trichophyton                        |  |  |   |   |
| Trichosporon                        |  |  |   |   |
| Ulocladium                          |  |  |   |   |
| Hyphal fragments                    | 27   | 13   | 210   | <13   |
| Background debris*                  | 1+   | 1+   | 2+  | 2+  |
| <b>TOTAL**</b>                      | 930  | 210  | 3,100   | 270   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

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# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



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**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
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**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                       | 20906001-TM402AR  | 20906001-TM403AR  | 20906001-TM404AR  | 20906001-TM405AR  |
|-------------------------------------|---|---|---|---|
| <b>SAMPLING LOCATION/ACTIVITIES</b> | Elevator car #6; about center; approximately four feet above floor/Elevator shaft abatement in progress | Elevator car #5; about center; approximately four feet above floor/Post abatement; Sampling activities only | Elevator car #6; about center; approximately four feet above floor/Post abatement; sampling activities only | 17 <sup>th</sup> Floor elevator lobby; about center; approximately five feet above floor/Sampling activities only |
| <b>DATE</b>                         | 6-21-09   | 6-21-09   | 6-21-09   | 6-21-09   |
| <b>START/STOP</b>                   | 13:45:00/13:50:00   | 15:00:00/15:05:00   | 15:06:00/15:11:00   | 15:38:00/15:43:00   |
| <b>SAMPLE TIME</b>                  | 5 minutes   | 5 minutes   | 5 minutes   | 5 minutes   |
| Alternaria                          |   |   |   |   |
| Ascospores                          | 53  |   |   |   |
| Aureobasidium                       |   |   |   |   |
| Basidiospores                       | 210   | 53  |   |   |
| Bipolaris/Drechslera group          |   |   |   |   |
| Botrytis                            |   |   |   |   |
| Chaetomium                          |   |   |   |   |
| Cladosporium                        | 850   | 110   | 53  |   |
| Epicoccum                           |   |   |   |   |
| Microsporium                        |   |   |   |   |
| Nigrospora                          | 13  |   |   |   |
| Penicillium/Aspergillus types       | 53  |   | 53  |   |
| Rusts                               |   |   |   |   |
| Scopulariopsis                      |   |   |   |   |
| Smuts (Periconia, Myxomycetes)      | 53  |   |   |   |
| Stachybotrys                        |   |   |   |   |
| Stemphylium                         |   |   |   |   |
| Torula                              | 13  |   | 13  |   |
| Trichoderma                         |   |   |   |   |
| Trichophyton                        |   |   |   |   |
| Trichosporon                        |   |   |   |   |
| Ulocladium                          |   |   |   |   |
| Hyphal fragments                    | 80  | <13   | <13   | 13  |
| Background debris*                  | 4+  | 1+  | 1+  | 1+  |
| <b>TOTAL **</b>                     | 1,300   | 160   | 120   | <13   |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.

# HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

# APPENDIX A



CLIENT: State of California  
Board of Equalization  
450 N Street  
Sacramento, California 94279

**TABLE 20906001-105  
AIRBORNE TOTAL FUNGI RESULTS  
ELEVATOR SHAFT ABATEMENT  
SACRAMENTO, CALIFORNIA  
JUNE 19, 20, AND 21, 2009**

Page 16

**Results reported in spores per cubic meter of air (spores/M<sup>3</sup>)**

| SAMPLE NUMBER                           | 20906001-<br>TM406AR   | 20906001-<br>TM407AR  | 20906001-<br>TM408OUTAR  |  |
|---|--|---|--|--|
| <b>SAMPLING<br/>LOCATION/ACTIVITIES</b> | 11 <sup>th</sup> Floor; elevator lobby; about center; approximately five feet above floor/Post abatement; sampling activities only | 1 <sup>st</sup> Floor; high rise elevator lobby; about center; approximately five feet above floor/Elevator pit cleaning activities in progress | Outdoors; approximately 25 feet north of building; approximately five feet above floor/Normal outdoor activities |  |
| <b>DATE</b>                             | 6-21-09  | 6-21-09   | 6-21-09  |  |
| <b>START/STOP</b>                       | 15:48:00/15:53:00  | 16:30:00/16:35:00   | 16:40:00/16:45:00  |  |
| <b>SAMPLE TIME</b>                      | 5 minutes  | 5 minutes   | 5 minutes  |  |
| Alternaria                              |  |   | 27   |  |
| Ascospores                              |  |   | 370  |  |
| Aureobasidium                           |  |   |  |  |
| Basidiospores                           | 110  |   | 1,400  |  |
| Bipolaris/Drechslera group              |  |   |  |  |
| Botrytis                                |  |   |  |  |
| Chaetomium                              |  |   |  |  |
| Cladosporium                            | 160  |   | 2,000  |  |
| Epicoccum                               |  |   |  |  |
| Microsporium                            |  |   |  |  |
| Nigrospora                              |  |   |  |  |
| Penicillium/Aspergillus types           |  |   | 110  |  |
| Rusts                                   |  | 27  | 310  |  |
| Scopulariopsis                          |  |   |  |  |
| Smuts (Periconia, Myxomycetes)          | 13   | 13  | 250  |  |
| Stachybotrys                            |  |   |  |  |
| Stemphylium                             |  |   |  |  |
| Torula                                  |  |   | 27   |  |
| Trichoderma                             |  |   |  |  |
| Trichophyton                            |  |   |  |  |
| Trichosporon                            |  |   |  |  |
| Ulocladium                              |  |   |  |  |
| Hyphal fragments                        | 13   | <13   | 110  |  |
| Background debris*                      | 1+   | 1+  | 2+   |  |
| <b>TOTAL**</b>                          | 280  | 40  | 4,600  |  |

\*Background debris is an indication of the amount of non-biological particulate matter present on the slide and is graded (from least to greatest) as 1+ to 4+.

\*\* Note that all reported counts have been rounded to no more than two significant figures based on the sampling and analytical methods used, and therefore the total count may not equal the sum of the individual counts in a column.



**EMLab P&K**

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Report for:

**Mr. Wes Frey, Mr. Larry Sandhu**  
**Hygiene Technologies International, Inc.: Northern California**  
1854 East Fir Ave., Suite 205  
Fresno, CA 93720

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Regarding: Project: 20906001  
EML ID: 553497

Approved by:

Lab Manager  
Dr. Kamashwaran Ramanathan

Dates of Analysis:  
Spore trap analysis: 06-22-2009 and 06-22-2009

Project SOPs: Spore trap analysis (I100000)

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This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-<br>TM301OUT-AR |               | 20906001-<br>TM302AR |            | 20906001-<br>TM303AR |            | 20906001-<br>TM304AR |           |
|---------------------------------|--------------------------|---------------|----------------------|------------|----------------------|------------|----------------------|-----------|
| Comments (see below)            | None                     |               | None                 |            | None                 |            | None                 |           |
| Lab ID-Version‡:                | 2456515-1                |               | 2456516-1            |            | 2456517-1            |            | 2456518-1            |           |
|                                 | raw ct.                  | spores/m3     | raw ct.              | spores/m3  | raw ct.              | spores/m3  | raw ct.              | spores/m3 |
| Alternaria                      | 11                       | 150           |                      |            |                      |            |                      |           |
| Arthrinium                      |                          |               |                      |            |                      |            |                      |           |
| Ascospores*                     | 4                        | 440           |                      |            |                      |            |                      |           |
| Aureobasidium                   |                          |               |                      |            |                      |            |                      |           |
| Basidiospores*                  | 2                        | 230           | 2                    | 110        |                      |            |                      |           |
| Bipolaris/Drechslera group      |                          |               |                      |            |                      |            |                      |           |
| Botrytis                        |                          |               |                      |            |                      |            |                      |           |
| Chaetomium                      |                          |               |                      |            |                      |            |                      |           |
| Cladosporium                    | 93                       | 10,000        | 9                    | 480        | 2                    | 110        | 1                    | 53        |
| Curvularia                      |                          |               |                      |            |                      |            |                      |           |
| Epicoccum                       |                          |               |                      |            |                      |            |                      |           |
| Fusarium                        |                          |               |                      |            |                      |            |                      |           |
| Myrothecium                     |                          |               |                      |            |                      |            |                      |           |
| Nigrospora                      |                          |               |                      |            |                      |            |                      |           |
| Oidium                          | 3                        | 40            |                      |            |                      |            |                      |           |
| Other brown                     | 4                        | 53            |                      |            |                      |            |                      |           |
| Penicillium/Aspergillus types†  | 3                        | 330           |                      |            |                      |            |                      |           |
| Pithomyces                      |                          |               |                      |            |                      |            |                      |           |
| Rusts*                          | 14                       | 190           |                      |            |                      |            |                      |           |
| Smuts*, Periconia, Myxomycetes* | 90                       | 1,200         | 1                    | 13         | 1                    | 13         | 1                    | 13        |
| Stachybotrys                    |                          |               |                      |            |                      |            |                      |           |
| Stemphylium                     |                          |               |                      |            |                      |            |                      |           |
| Torula                          | 1                        | 13            |                      |            |                      |            |                      |           |
| Ulocladium                      |                          |               |                      |            |                      |            |                      |           |
| Zygomycetes                     |                          |               |                      |            |                      |            |                      |           |
| Background debris (1-4+)††      | 4+                       |               | 3+                   |            | 3+                   |            | 3+                   |           |
| Hyphal fragments/m3             | 270                      |               | 27                   |            | < 13                 |            | < 13                 |           |
| Pollen/m3                       | 470                      |               | 40                   |            | 13                   |            | 13                   |           |
| Skin cells (1-4+)               | < 1+                     |               | 2+                   |            | 1+                   |            | 2+                   |           |
| Sample volume (liters)          | 75                       |               | 75                   |            | 75                   |            | 75                   |           |
| <b>§ TOTAL SPORE/m3</b>         |                          | <b>13,000</b> |                      | <b>600</b> |                      | <b>120</b> |                      | <b>67</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM305AR |            | 20906001-TM306AR |           | 20906001-TM307AR |           | 20906001-TM308AR |           |
|---------------------------------|------------------|------------|------------------|-----------|------------------|-----------|------------------|-----------|
| Comments (see below)            | None             |            | None             |           | None             |           | None             |           |
| Lab ID-Version‡:                | 2456519-1        |            | 2456520-1        |           | 2456521-1        |           | 2456522-1        |           |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3 | raw ct.          | spores/m3 | raw ct.          | spores/m3 |
| Alternaria                      |                  |            |                  |           | 1                | 13        |                  |           |
| Arthrinium                      |                  |            |                  |           |                  |           |                  |           |
| Ascospores*                     |                  |            |                  |           |                  |           |                  |           |
| Aureobasidium                   |                  |            |                  |           |                  |           |                  |           |
| Basidiospores*                  |                  |            |                  |           |                  |           |                  |           |
| Bipolaris/Drechslera group      |                  |            |                  |           |                  |           |                  |           |
| Botrytis                        |                  |            |                  |           |                  |           |                  |           |
| Chaetomium                      |                  |            |                  |           |                  |           |                  |           |
| Cladosporium                    | 2                | 110        | 1                | 53        | 1                | 53        | 1                | 53        |
| Curvularia                      |                  |            |                  |           |                  |           |                  |           |
| Epicoccum                       |                  |            |                  |           |                  |           |                  |           |
| Fusarium                        |                  |            |                  |           |                  |           |                  |           |
| Myrothecium                     |                  |            |                  |           |                  |           |                  |           |
| Nigrospora                      |                  |            |                  |           |                  |           |                  |           |
| Oidium                          |                  |            |                  |           |                  |           |                  |           |
| Other brown                     |                  |            |                  |           | 1                | 13        |                  |           |
| Penicillium/Aspergillus types†  |                  |            |                  |           |                  |           |                  |           |
| Pithomyces                      |                  |            |                  |           |                  |           |                  |           |
| Rusts*                          |                  |            | 1                | 13        |                  |           |                  |           |
| Smuts*, Periconia, Myxomycetes* |                  |            |                  |           |                  |           |                  |           |
| Stachybotrys                    |                  |            |                  |           |                  |           |                  |           |
| Stemphylium                     |                  |            |                  |           |                  |           |                  |           |
| Torula                          |                  |            |                  |           |                  |           |                  |           |
| Ulocladium                      |                  |            |                  |           |                  |           |                  |           |
| Zygomycetes                     |                  |            |                  |           |                  |           |                  |           |
| Background debris (1-4+)††      | 3+               |            | 3+               |           | 3+               |           | 3+               |           |
| Hyphal fragments/m3             | < 13             |            | < 13             |           | < 13             |           | 13               |           |
| Pollen/m3                       | < 13             |            | 13               |           | < 13             |           | < 13             |           |
| Skin cells (1-4+)               | 1+               |            | 2+               |           | 1+               |           | 2+               |           |
| Sample volume (liters)          | 75               |            | 75               |           | 75               |           | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>110</b> |                  | <b>67</b> |                  | <b>80</b> |                  | <b>53</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM309AR |           | 20906001-TM310AR |           | 20906001-TM311AR |           | 20906001-TM312AR |           |
|---------------------------------|------------------|-----------|------------------|-----------|------------------|-----------|------------------|-----------|
| Comments (see below)            | None             |           | None             |           | None             |           | None             |           |
| Lab ID-Version‡:                | 2456523-1        |           | 2456524-1        |           | 2456525-1        |           | 2456526-1        |           |
|                                 | raw ct.          | spores/m3 |
| Alternaria                      |                  |           | 1                | 13        |                  |           |                  |           |
| Arthrinium                      |                  |           |                  |           |                  |           |                  |           |
| Ascospores*                     |                  |           |                  |           |                  |           |                  |           |
| Aureobasidium                   |                  |           |                  |           |                  |           |                  |           |
| Basidiospores*                  |                  |           |                  |           |                  |           |                  |           |
| Bipolaris/Drechslera group      |                  |           |                  |           |                  |           |                  |           |
| Botrytis                        |                  |           |                  |           |                  |           |                  |           |
| Chaetomium                      |                  |           |                  |           |                  |           |                  |           |
| Cladosporium                    |                  |           |                  |           | 2                | 110       | 3                | 160       |
| Curvularia                      |                  |           |                  |           |                  |           |                  |           |
| Epicoccum                       |                  |           |                  |           |                  |           |                  |           |
| Fusarium                        |                  |           |                  |           |                  |           |                  |           |
| Myrothecium                     |                  |           |                  |           |                  |           |                  |           |
| Nigrospora                      |                  |           |                  |           |                  |           |                  |           |
| Oidium                          |                  |           |                  |           |                  |           |                  |           |
| Other brown                     |                  |           |                  |           |                  |           |                  |           |
| Penicillium/Aspergillus types†  |                  |           |                  |           |                  |           |                  |           |
| Pithomyces                      |                  |           |                  |           |                  |           |                  |           |
| Rusts*                          |                  |           |                  |           |                  |           | 1                | 13        |
| Smuts*, Periconia, Myxomycetes* |                  |           |                  |           |                  |           |                  |           |
| Stachybotrys                    |                  |           |                  |           |                  |           |                  |           |
| Stemphylium                     |                  |           |                  |           |                  |           |                  |           |
| Torula                          |                  |           |                  |           |                  |           |                  |           |
| Ulocladium                      |                  |           |                  |           |                  |           |                  |           |
| Zygomycetes                     |                  |           |                  |           |                  |           |                  |           |
| Background debris (1-4+)††      | 3+               |           | 2+               |           | 3+               |           | 3+               |           |
| Hyphal fragments/m3             | < 13             |           | < 13             |           | < 13             |           | < 13             |           |
| Pollen/m3                       | < 13             |           | < 13             |           | 13               |           | < 13             |           |
| Skin cells (1-4+)               | 2+               |           | 1+               |           | 1+               |           | 2+               |           |
| Sample volume (liters)          | 75               |           | 75               |           | 75               |           | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | < 13      |                  | 13        |                  | 110       |                  | 170       |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
 ‡ A "Version" greater than 1 indicates amended data.  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM313AR |            | 20906001-TM314AR |            | 20906001-TM315AR |           | 20906001-TM316AR |           |
|---------------------------------|------------------|------------|------------------|------------|------------------|-----------|------------------|-----------|
| Comments (see below)            | None             |            | None             |            | None             |           | None             |           |
| Lab ID-Version‡:                | 2456527-1        |            | 2456528-1        |            | 2456529-1        |           | 2456530-1        |           |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3 | raw ct.          | spores/m3 |
| Alternaria                      |                  |            | 1                | 13         |                  |           |                  |           |
| Arthrinium                      |                  |            |                  |            |                  |           |                  |           |
| Ascospores*                     |                  |            | 1                | 110        |                  |           |                  |           |
| Aureobasidium                   |                  |            |                  |            |                  |           |                  |           |
| Basidiospores*                  | 1                | 53         |                  |            |                  |           |                  |           |
| Bipolaris/Drechslera group      |                  |            |                  |            |                  |           |                  |           |
| Botrytis                        |                  |            |                  |            |                  |           |                  |           |
| Chaetomium                      |                  |            |                  |            |                  |           |                  |           |
| Cladosporium                    | 3                | 160        | 1                | 110        | 1                | 53        | 1                | 53        |
| Curvularia                      |                  |            | 1                | 13         |                  |           |                  |           |
| Epicoccum                       |                  |            |                  |            |                  |           |                  |           |
| Fusarium                        |                  |            |                  |            |                  |           |                  |           |
| Myrothecium                     |                  |            |                  |            |                  |           |                  |           |
| Nigrospora                      |                  |            |                  |            |                  |           |                  |           |
| Oidium                          |                  |            |                  |            |                  |           |                  |           |
| Other brown                     |                  |            | 1                | 13         |                  |           |                  |           |
| Penicillium/Aspergillus types†  |                  |            |                  |            |                  |           |                  |           |
| Pithomyces                      |                  |            |                  |            |                  |           |                  |           |
| Rusts*                          |                  |            |                  |            |                  |           |                  |           |
| Smuts*, Periconia, Myxomycetes* |                  |            | 3                | 40         | 1                | 13        |                  |           |
| Stachybotrys                    |                  |            |                  |            |                  |           |                  |           |
| Stemphylium                     |                  |            |                  |            |                  |           |                  |           |
| Torula                          |                  |            |                  |            |                  |           |                  |           |
| Ulocladium                      |                  |            |                  |            |                  |           |                  |           |
| Zygomycetes                     |                  |            |                  |            |                  |           |                  |           |
| Background debris (1-4+)††      | 3+               |            | 4+               |            | 3+               |           | 3+               |           |
| Hyphal fragments/m3             | 13               |            | < 13             |            | < 13             |           | < 13             |           |
| Pollen/m3                       | < 13             |            | < 13             |            | < 13             |           | < 13             |           |
| Skin cells (1-4+)               | 3+               |            | 3+               |            | 3+               |           | 3+               |           |
| Sample volume (liters)          | 75               |            | 75               |            | 75               |           | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>210</b> |                  | <b>290</b> |                  | <b>67</b> |                  | <b>53</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
‡ A "Version" greater than 1 indicates amended data.  
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM317AR |           | 20906001-TM318OUT-AR |              | 20906001-TM6001LS |            | 20906001-TM6002LS |            |
|---------------------------------|------------------|-----------|----------------------|--------------|-------------------|------------|-------------------|------------|
| Comments (see below)            | None             |           | None                 |              | None              |            | None              |            |
| Lab ID-Version‡:                | 2456531-1        |           | 2456532-1            |              | 2456356-1         |            | 2456357-1         |            |
|                                 | raw ct.          | spores/m3 | raw ct.              | spores/m3    | raw ct.           | spores/m3  | raw ct.           | spores/m3  |
| Alternaria                      | 1                | 13        |                      |              | 1                 | 13         |                   |            |
| Arthrinium                      |                  |           |                      |              |                   |            |                   |            |
| Ascospores*                     |                  |           | 4                    | 210          |                   |            |                   |            |
| Aureobasidium                   |                  |           |                      |              |                   |            |                   |            |
| Basidiospores*                  |                  |           | 5                    | 270          |                   |            | 1                 | 110        |
| Bipolaris/Drechslera group      |                  |           |                      |              |                   |            |                   |            |
| Botrytis                        |                  |           |                      |              |                   |            |                   |            |
| Chaetomium                      |                  |           |                      |              |                   |            |                   |            |
| Cladosporium                    | 1                | 53        | 26                   | 1,400        | 2                 | 230        |                   |            |
| Curvularia                      |                  |           |                      |              |                   |            |                   |            |
| Epicoccum                       |                  |           |                      |              |                   |            |                   |            |
| Fusarium                        |                  |           |                      |              |                   |            |                   |            |
| Myrothecium                     |                  |           |                      |              |                   |            |                   |            |
| Nigrospora                      |                  |           |                      |              |                   |            |                   |            |
| Oidium                          |                  |           | 2                    | 27           |                   |            |                   |            |
| Other brown                     | 1                | 13        |                      |              |                   |            | 1                 | 13         |
| Penicillium/Aspergillus types†  |                  |           |                      |              |                   |            |                   |            |
| Pithomyces                      |                  |           |                      |              |                   |            |                   |            |
| Rusts*                          |                  |           | 1                    | 13           | 1                 | 13         |                   |            |
| Smuts*, Periconia, Myxomycetes* | 1                | 13        |                      |              | 1                 | 13         |                   |            |
| Stachybotrys                    |                  |           |                      |              |                   |            |                   |            |
| Stemphylium                     |                  |           |                      |              |                   |            |                   |            |
| Torula                          |                  |           | 1                    | 13           |                   |            |                   |            |
| Ulocladium                      |                  |           |                      |              |                   |            |                   |            |
| Zygomycetes                     |                  |           |                      |              |                   |            |                   |            |
| Background debris (1-4+)††      | 3+               |           | 2+                   |              | 4+                |            | 4+                |            |
| Hyphal fragments/m3             | < 13             |           | 27                   |              | 13                |            | 13                |            |
| Pollen/m3                       | < 13             |           | 40                   |              | 13                |            | < 13              |            |
| Skin cells (1-4+)               | 3+               |           | < 1+                 |              | 4+                |            | 3+                |            |
| Sample volume (liters)          | 75               |           | 75                   |              | 75                |            | 75                |            |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>93</b> |                      | <b>1,900</b> |                   | <b>270</b> |                   | <b>120</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
‡ A "Version" greater than 1 indicates amended data.  
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM6003LS |            | 20906001-TM6004LS |                |
|---------------------------------|-------------------|------------|-------------------|----------------|
| Comments (see below)            | None              |            | None              |                |
| Lab ID-Version‡:                | 2456358-1         |            | 2456359-1         |                |
|                                 | raw ct.           | spores/m3  | raw ct.           | spores/m3      |
| Alternaria                      |                   |            |                   |                |
| Arthrinium                      |                   |            |                   |                |
| Ascospores*                     |                   |            |                   |                |
| Aureobasidium                   |                   |            |                   |                |
| Basidiospores*                  |                   |            |                   |                |
| Bipolaris/Drechslera group      |                   |            |                   |                |
| Botrytis                        |                   |            |                   |                |
| Chaetomium                      |                   |            |                   |                |
| Cladosporium                    | 3                 | 160        |                   |                |
| Curvularia                      |                   |            |                   |                |
| Epicoccum                       |                   |            |                   |                |
| Fusarium                        |                   |            |                   |                |
| Myrothecium                     |                   |            |                   |                |
| Nigrospora                      |                   |            |                   |                |
| Oidium                          |                   |            |                   |                |
| Other brown                     |                   |            |                   |                |
| Other colorless                 |                   |            |                   |                |
| Penicillium/Aspergillus types†  |                   |            |                   |                |
| Pithomyces                      |                   |            |                   |                |
| Rusts*                          |                   |            |                   |                |
| Smuts*, Periconia, Myxomycetes* |                   |            |                   |                |
| Stachybotrys                    |                   |            |                   |                |
| Stemphylium                     |                   |            |                   |                |
| Torula                          |                   |            |                   |                |
| Ulocladium                      |                   |            |                   |                |
| Zygomycetes                     |                   |            |                   |                |
| Background debris (1-4+)††      | 3+                |            | 2+                |                |
| Hyphal fragments/m3             | < 13              |            | < 13              |                |
| Pollen/m3                       | < 13              |            | < 13              |                |
| Skin cells (1-4+)               | 1+                |            | 1+                |                |
| Sample volume (liters)          | 75                |            | 75                |                |
| <b>§ TOTAL SPORE/m3</b>         |                   | <b>160</b> |                   | <b>&lt; 13</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
 ‡ A "Version" greater than 1 indicates amended data.  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM301OUT-AR**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | 150          | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 10,000       | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Other brown                            | 53           | 7                             | 13  | 93     | 34     | 7                                 | 13  | 80    | 36     |
| Penicillium/Aspergillus types          | 330          | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | 13           | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 440          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 230          | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Oidium                                 | 40           | 7                             | 13  | 210    | 23     | 7                                 | 13  | 190   | 20     |
| Rusts                                  | 190          | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 1,200        | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 12,646       |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey, Mr. Larry Sandhu  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM318OUT-AR**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | -            | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 1,400        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Other brown                            | -            | 7                             | 13  | 93     | 34     | 7                                 | 13  | 80    | 36     |
| Penicillium/Aspergillus types          | -            | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | 13           | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 210          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 270          | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Oidium                                 | 27           | 7                             | 13  | 210    | 23     | 7                                 | 13  | 190   | 20     |
| Rusts                                  | 13           | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | -            | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 1,933        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM301OUT-AR:**

| Species detected              | Outdoor sample spores/m3 |    |     |        | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|--------|---|------------|
|                               | <100                     | 1K | 10K | >100K  |   |            |
| Alternaria                    |                          |    |     | 150    | 7 - 27 - 400                              | 52         |
| Ascospores                    |                          |    |     | 440    | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 230    | 13 - 310 - 15,000                         | 91         |
| Cladosporium                  |                          |    |     | 10,000 | 27 - 510 - 8,900                          | 93         |
| Oidium                        |                          |    |     | 40     | 7 - 13 - 220                              | 15         |
| Other brown                   |                          |    |     | 53     | 7 - 13 - 100                              | 32         |
| Penicillium/Aspergillus types |                          |    |     | 330    | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     | 190    | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 1,200  | 7 - 40 - 830                              | 69         |
| Torula                        |                          |    |     | 13     | 7 - 13 - 160                              | 11         |
| <b>Total</b>                  |                          |    |     | 12,646 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM302AR**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 4%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.4615                     | dF: 10<br>Result: 0.6970<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 111<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
|                              | Basidiospores   |                                    |  |                                | 110   |
|                              | Cladosporium  |                                    |  |                                | 480   |
|                              | Smuts, Periconia, Myxomycetes   |                                    |  |                                | 13    |
|                              | <b>Total</b>  |                                    |  |                                | 603   |

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 Northern California  
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Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM303AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.7455<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 110   |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 123   |

**Location:** 20906001-TM304AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.7455<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 66    |

**Location:** 20906001-TM305AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6364<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 110   |
| <b>Total</b>                 |   |                                    |  |                                | 110   |

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Date of Sampling: 06-20-2009  
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 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM306AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.5273<br>Critical value: 0.5515<br>Outside Similar: No | Score: 100<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Cladosporium                 |   |                                    |   |                                | 53    |
| Rusts                        |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 66    |

**Location:** 20906001-TM307AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.4615                     | dF: 10<br>Result: 0.2818<br>Critical value: 0.5515<br>Outside Similar: No | Score: 110<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                   |   |                                    |   |                                | 13    |
| Cladosporium                 |   |                                    |   |                                | 53    |
| Other brown                  |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 79    |

**Location:** 20906001-TM308AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6364<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 53    |
| <b>Total</b>                 |   |                                    |  |                                | 53    |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM309AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                         | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.0000                     | dF: N/A<br>Result: N/A<br>Critical value: N/A<br>Outside Similar: N/A | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| <b>None Detected</b>         |   |                                    |   |                                | N/A   |

**Location:** 20906001-TM310AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.2727<br>Critical value: 0.5515<br>Outside Similar: No | Score: 105<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                   |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 13    |

**Location:** 20906001-TM311AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6364<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 110   |
| <b>Total</b>                 |   |                                    |  |                                | 110   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM312AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 1%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.5273<br>Critical value: 0.5515<br>Outside Similar: No | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Cladosporium                 |   |                                    |   |                                | 160   |
| Rusts                        |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 173   |

**Location:** 20906001-TM313AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 1%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.5818<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 105<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                |   |                                    |  |                                | 53    |
| Cladosporium                 |   |                                    |  |                                | 160   |
| <b>Total</b>                 |   |                                    |  |                                | 213   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM314AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 2%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.6250                     | dF: 11<br>Result: 0.5295<br>Critical value: 0.5273<br>Outside Similar: Yes | Score: 115<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Alternaria                    |   |                                    |  |                                | 13    |
| Ascospores                    |   |                                    |  |                                | 110   |
| Cladosporium                  |   |                                    |  |                                | 110   |
| Curvularia                    |   |                                    |  |                                | 13    |
| Other brown                   |   |                                    |  |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 40    |
| <b>Total</b>                  |   |                                    |  |                                | 299   |

**Location:** 20906001-TM315AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.7455<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 66    |

**Location:** 20906001-TM316AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6364<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 53    |
| <b>Total</b>                 |   |                                    |  |                                | 53    |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM317AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.5714                     | dF: 10<br>Result: 0.4455<br>Critical value: 0.5515<br>Outside Similar: No | Score: 111<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                    |   |                                    |   |                                | 13    |
| Cladosporium                  |   |                                    |   |                                | 53    |
| Other brown                   |   |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 92    |

**Location:** 20906001-TM6001LS

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 2%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.5714                     | dF: 10<br>Result: 0.5545<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 104<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Alternaria                    |   |                                    |  |                                | 13    |
| Cladosporium                  |   |                                    |  |                                | 230   |
| Rusts                         |   |                                    |  |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 269   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM6002LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.1515<br>Critical value: 0.5515<br>Outside Similar: No | Score: 111<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                |   |                                    |   |                                | 110   |
| Other brown                  |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 123   |

**Location:** 20906001-TM6003LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 1%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6364<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 102<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 160   |
| <b>Total</b>                 |   |                                    |  |                                | 160   |

**Location:** 20906001-TM6004LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                         | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.0000                     | dF: N/A<br>Result: N/A<br>Critical value: N/A<br>Outside Similar: N/A | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| <b>None Detected</b>         |   |                                    |   |                                | N/A   |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H<sub>0</sub>) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM318OUT-AR:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Ascospores                    |                          |    |     |       | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     |       | 13 - 310 - 15,000                         | 91         |
| Cladosporium                  |                          |    |     |       | 27 - 510 - 8,900                          | 93         |
| Oidium                        |                          |    |     |       | 7 - 13 - 220                              | 15         |
| Penicillium/Aspergillus types |                          |    |     |       | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     |       | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     |       | 7 - 40 - 830                              | 69         |
| Torula                        |                          |    |     |       | 7 - 13 - 160                              | 11         |
| <b>Total</b>                  |                          |    |     |       |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM302AR**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 31%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.4444                     | dF: 7<br>Result: 0.5625<br>Critical value: 0.6786<br>Outside Similar: No | Score: 104<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
|                              | Basidiospores   |                                    |  |                                |       |
|                              | Cladosporium  |                                    |  |                                |       |
|                              | Smuts, Periconia, Myxomycetes   |                                    |  |                                |       |
|                              | <b>Total</b>  |                                    |  |                                |       |

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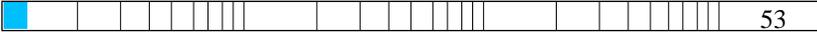
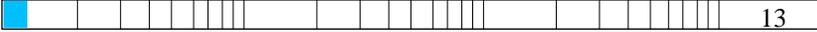
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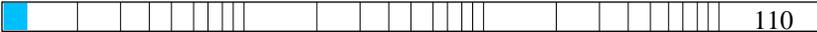
**Location:** 20906001-TM303AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|--|--|--------------------------------|-------|
| Result: 6%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2500   | dF: 7<br>Result: 0.2946<br>Critical value: 0.6786<br>Outside Similar: No | Score: 103<br>Result: Low      |       |
| Species Detected              |   | Spores/m3  |  |                                |       |
|                               |   | <100   | 1K   | 10K                            | >100K |
| Cladosporium                  |   |  |  |                                | 110   |
| Smuts, Periconia, Myxomycetes |   |  |  |                                | 13    |
| <b>Total</b>                  |   |  |  |                                | 123   |

**Location:** 20906001-TM304AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|--|--|--------------------------------|-------|
| Result: 3%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2500   | dF: 7<br>Result: 0.2946<br>Critical value: 0.6786<br>Outside Similar: No | Score: 103<br>Result: Low      |       |
| Species Detected              |   | Spores/m3  |  |                                |       |
|                               |   | <100   | 1K   | 10K                            | >100K |
| Cladosporium                  |   |  |  |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |  |  |                                | 13    |
| <b>Total</b>                  |   |  |  |                                | 66    |

**Location:** 20906001-TM305AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|--|--|--------------------------------|-------|
| Result: 5%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2857   | dF: 6<br>Result: 0.7286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 102<br>Result: Low      |       |
| Species Detected             |   | Spores/m3  |  |                                |       |
|                              |   | <100   | 1K   | 10K                            | >100K |
| Cladosporium                 |   |  |  |                                | 110   |
| <b>Total</b>                 |   |  |  |                                | 110   |

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**Location:** 20906001-TM306AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 3%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.3714<br>Critical value: 0.7714<br>Outside Similar: No | Score: 100<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 53    |
| Rusts                        |   |                                    |  |                                | 13    |
| <b>Total</b>                 |   |                                    |  |                                | 66    |

**Location:** 20906001-TM307AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 4%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2222                     | dF: 8<br>Result: 0.0536<br>Critical value: 0.6190<br>Outside Similar: No | Score: 110<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Alternaria                   |   |                                    |  |                                | 13    |
| Cladosporium                 |   |                                    |  |                                | 53    |
| Other brown                  |   |                                    |  |                                | 13    |
| <b>Total</b>                 |   |                                    |  |                                | 79    |

**Location:** 20906001-TM308AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 2%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.7286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 53    |
| <b>Total</b>                 |   |                                    |  |                                | 53    |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM309AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                         | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.0000                     | dF: N/A<br>Result: N/A<br>Critical value: N/A<br>Outside Similar: N/A | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| <b>None Detected</b>         |   |                                    |   |                                | N/A   |

**Location:** 20906001-TM310AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.0000                     | dF: 7<br>Result: -0.0536<br>Critical value: 0.6786<br>Outside Similar: No | Score: 105<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                   |   |                                    |   |                                | 13    |
| <b>Total</b>                 |   |                                    |   |                                | 13    |

**Location:** 20906001-TM311AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 5%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.7286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 102<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 110   |
| <b>Total</b>                 |   |                                    |  |                                | 110   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM312AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 8%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.3714<br>Critical value: 0.7714<br>Outside Similar: No | Score: 102<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 160   |
| Rusts                        |   |                                    |  |                                | 13    |
| <b>Total</b>                 |   |                                    |  |                                | 173   |

**Location:** 20906001-TM313AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 11%                  | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.8714<br>Critical value: 0.7714<br>Outside Similar: Yes | Score: 103<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                |   |                                    |   |                                | 53    |
| Cladosporium                 |   |                                    |   |                                | 160   |
| <b>Total</b>                 |   |                                    |   |                                | 213   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM314AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 15%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.0909<br>Critical value: 0.5515<br>Outside Similar: No | Score: 123<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                    |   |                                    |   |                                | 13    |
| Ascospores                    |   |                                    |   |                                | 110   |
| Cladosporium                  |   |                                    |   |                                | 110   |
| Curvularia                    |   |                                    |   |                                | 13    |
| Other brown                   |   |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 40    |
| <b>Total</b>                  |   |                                    |   |                                | 299   |

**Location:** 20906001-TM315AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 3%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2500                     | dF: 7<br>Result: 0.2946<br>Critical value: 0.6786<br>Outside Similar: No | Score: 103<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 66    |

**Location:** 20906001-TM316AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 2%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.7286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 101<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |   |                                    |  |                                | 53    |
| <b>Total</b>                 |   |                                    |  |                                | 53    |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM317AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 4%                    | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2000                     | dF: 9<br>Result: -0.0792<br>Critical value: 0.5833<br>Outside Similar: No | Score: 113<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                    |   |                                    |   |                                | 13    |
| Cladosporium                  |   |                                    |   |                                | 53    |
| Other brown                   |   |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 92    |

**Location:** 20906001-TM6001LS

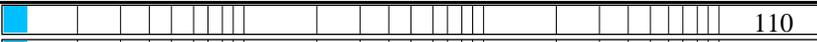
| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 13%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.4000                     | dF: 8<br>Result: -0.0298<br>Critical value: 0.6190<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Alternaria                    |   |                                    |   |                                | 13    |
| Cladosporium                  |   |                                    |   |                                | 230   |
| Rusts                         |   |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 269   |

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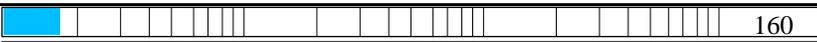
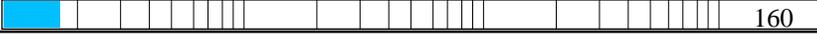
Date of Sampling: 06-20-2009  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM6002LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|--|--|--------------------------------|-------|
| Result: 6%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2500   | dF: 7<br>Result: 0.1518<br>Critical value: 0.6786<br>Outside Similar: No | Score: 110<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>   |  |                                |       |
|                              |   | <100   | 1K   | 10K                            | >100K |
| Basidiospores                |   |  |  |                                | 110   |
| Other brown                  |   |  |  |                                | 13    |
| <b>Total</b>                 |   |  |  |                                | 123   |

**Location:** 20906001-TM6003LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|--|--|--------------------------------|-------|
| Result: 8%                   | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.2857   | dF: 6<br>Result: 0.7286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 103<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>   |  |                                |       |
|                              |   | <100   | 1K   | 10K                            | >100K |
| Cladosporium                 |   |  |  |                                | 160   |
| <b>Total</b>                 |   |  |  |                                | 160   |

**Location:** 20906001-TM6004LS

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                         | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|--|---|--------------------------------|-------|
| Result: < 1%                 | dF: 19<br>Result: 17.1054<br>Critical value: 30.1435<br>Inside Similar: Yes | Result: 0.0000   | dF: N/A<br>Result: N/A<br>Critical value: N/A<br>Outside Similar: N/A | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>   |   |                                |       |
|                              |   | <100   | 1K  | 10K                            | >100K |
| <b>None Detected</b>         |   |  |   |                                | N/A   |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H<sub>0</sub>) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM301OUT-AR

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3     |
|--|--------------------------|----|-----|-------|-----------|---------------|
|  | <100                     | 1K | 10K | >100K |           |               |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |               |
| Alternaria                             |                          |    |     |       | 11        | 150           |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13          |
| Chaetomium                             |                          |    |     |       | ND        | < 13          |
| Cladosporium                           |                          |    |     |       | 93        | 10,000        |
| Curvularia                             |                          |    |     |       | ND        | < 13          |
| Nigrospora                             |                          |    |     |       | ND        | < 13          |
| Other brown                            |                          |    |     |       | 4         | 53            |
| Penicillium/Aspergillus types†         |                          |    |     |       | 3         | 330           |
| Stachybotrys                           |                          |    |     |       | ND        | < 13          |
| Torula                                 |                          |    |     |       | 1         | 13            |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |               |
| Ascospores††                           |                          |    |     |       | 4         | 440           |
| Basidiospores††                        |                          |    |     |       | 2         | 230           |
| Oidium                                 |                          |    |     |       | 3         | 40            |
| Rusts                                  |                          |    |     |       | 14        | 190           |
| Smuts, Periconia, Myxomycetes††        |                          |    |     |       | 90        | 1,200         |
| <b>Total</b>                           |                          |    |     |       |           | <b>12,646</b> |

**Location:** 20906001-TM302AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  |
|--|-------------------------|----|-----|-------|-----------|------------|
|  | <100                    | 1K | 10K | >100K |           |            |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |
| Cladosporium                           |                         |    |     |       | 9         | 480        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |
| Torula                                 |                         |    |     |       | ND        | < 13       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |
| Basidiospores††                        |                         |    |     |       | 2         | 110        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13         |
| <b>Total</b>                           |                         |    |     |       |           | <b>603</b> |

| MoldSCORE‡             |     |     | Score      |
|------------------------|-----|-----|------------|
| 100                    | 200 | 300 |            |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 111        |
|                        |     |     | 100        |
|                        |     |     | 100        |
| <b>Final MoldSCORE</b> |     |     | <b>111</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM303AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> |            |     |     | <b>Final MoldSCORE 101</b> |

**Location:** 20906001-TM304AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        | █          |     |     | 101                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> |            |     |     | <b>Final MoldSCORE 101</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM305AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █                          |     |     | 101   |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> | <b>Final MoldSCORE 101</b> |     |     |       |

**Location:** 20906001-TM306AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █                          |     |     | 100   |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Rusts                                  | █                       |    |     |       | 1         | 13        | █                          |     |     | 105   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> | <b>Final MoldSCORE 100</b> |     |     |       |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM307AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | 1         | 13        |                            |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Cladosporium                           |                         |    |     |       | 1         | 53        |                            |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Other brown                            |                         |    |     |       | 1         | 13        |                            |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>79</b> | <b>Final MoldSCORE 110</b> |     |     |       |

**Location:** 20906001-TM308AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Cladosporium                           |                         |    |     |       | 1         | 53        |                            |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> | <b>Final MoldSCORE 101</b> |     |     |       |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM309AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>N/A</b> |            |     |     | <b>Final MoldSCORE 100</b> |

**Location:** 20906001-TM310AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13        |            |     |     | 105                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>13</b> |            |     |     | <b>Final MoldSCORE 105</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM311AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 2         | 110        |                            |     |     | 101   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> | <b>Final MoldSCORE 101</b> |     |     |       |

**Location:** 20906001-TM312AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 3         | 160        |                            |     |     | 101   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | 1         | 13         |                            |     |     | 104   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>173</b> | <b>Final MoldSCORE 101</b> |     |     |       |

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Date of Sampling: 06-20-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM313AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 3         | 160        |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         |            |     |     | 105                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>213</b> |            |     |     | <b>Final MoldSCORE 105</b> |

**Location:** 20906001-TM314AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13         |            |     |     | 104                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 110        |            |     |     | 100                        |
| Curvularia                             | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           | █                       |    |     |       | 1         | 110        | █          | █   |     | 139                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 3         | 40         |            |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>299</b> |            |     |     | <b>Final MoldSCORE 115</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM315AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        | █          |     |     | 101                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> |            |     |     | <b>Final MoldSCORE 101</b> |

**Location:** 20906001-TM316AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 101</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM317AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | 1         | 13        |                            |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Cladosporium                           |                         |    |     |       | 1         | 53        |                            |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Other brown                            |                         |    |     |       | 1         | 13        |                            |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13      |                            |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13        |                            |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>92</b> | <b>Final MoldSCORE 111</b> |     |     |       |

**Location:** 20906001-TM6001LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | 1         | 13         |                            |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Cladosporium                           |                         |    |     |       | 2         | 230        |                            |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     |       |
| Rusts                                  |                         |    |     |       | 1         | 13         |                            |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13         |                            |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>269</b> | <b>Final MoldSCORE 104</b> |     |     |       |

Client: Hygiene Technologies International, Inc.:  
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 Re: 20906001

Date of Sampling: 06-20-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM6002LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 110        |            |     |     | 111                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> |            |     |     | <b>Final MoldSCORE 111</b> |

**Location:** 20906001-TM6003LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 3         | 160        |            |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>160</b> |            |     |     | <b>Final MoldSCORE 102</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
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 Re: 20906001

Date of Sampling: 06-20-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM6004LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |                            |       |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|----------------------------|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300                        | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |                            |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Cladosporium                           |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |                            |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     | 100                        |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>N/A</b> |            |     | <b>Final MoldSCORE 100</b> |       |

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM318OUT-AR

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3    |
|--|--------------------------|----|-----|-------|-----------|--------------|
|  | <100                     | 1K | 10K | >100K |           |              |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |              |
| Alternaria                             |                          |    |     |       | ND        | < 13         |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13         |
| Chaetomium                             |                          |    |     |       | ND        | < 13         |
| Cladosporium                           | █                        | █  | █   | █     | 26        | 1,400        |
| Curvularia                             |                          |    |     |       | ND        | < 13         |
| Nigrospora                             |                          |    |     |       | ND        | < 13         |
| Penicillium/Aspergillus types†         |                          |    |     |       | ND        | < 13         |
| Stachybotrys                           |                          |    |     |       | ND        | < 13         |
| Torula                                 | █                        |    |     |       | 1         | 13           |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |              |
| Ascospores‡‡                           | █                        |    |     |       | 4         | 210          |
| Basidiospores‡‡                        | █                        | █  |     |       | 5         | 270          |
| Oidium                                 | █                        |    |     |       | 2         | 27           |
| Rusts                                  | █                        |    |     |       | 1         | 13           |
| Smuts, Periconia, Myxomycetes‡‡        |                          |    |     |       | ND        | < 13         |
| <b>Total</b>                           |                          |    |     |       |           | <b>1,933</b> |

**Location:** 20906001-TM302AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  |
|--|-------------------------|----|-----|-------|-----------|------------|
|  | <100                    | 1K | 10K | >100K |           |            |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |
| Cladosporium                           | █                       | █  | █   |       | 9         | 480        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |
| Torula                                 |                         |    |     |       | ND        | < 13       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |
| Ascospores‡‡                           |                         |    |     |       | ND        | < 13       |
| Basidiospores‡‡                        | █                       |    |     |       | 2         | 110        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |
| Smuts, Periconia, Myxomycetes‡‡        | █                       |    |     |       | 1         | 13         |
| <b>Total</b>                           |                         |    |     |       |           | <b>603</b> |

| MoldSCORE‡             |     |     |            |
|------------------------|-----|-----|------------|
| 100                    | 200 | 300 | Score      |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 104        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 103        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 103        |
| <b>Final MoldSCORE</b> |     |     | <b>104</b> |

Client: Hygiene Technologies International, Inc.:  
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 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM303AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 2         | 110        |                            |     |     | 102   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13         |                            |     |     | 103   |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> | <b>Final MoldSCORE 103</b> |     |     |       |

**Location:** 20906001-TM304AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 1         | 53        |                            |     |     | 100   |
| Curvularia                             |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13      |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13        |                            |     |     | 103   |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> | <b>Final MoldSCORE 103</b> |     |     |       |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM305AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █                          |     |     | 102   |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █                          |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> | <b>Final MoldSCORE 102</b> |     |     |       |

**Location:** 20906001-TM306AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|-----------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █                          |     |     | 100   |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| Rusts                                  | █                       |    |     |       | 1         | 13        | █                          |     |     | 105   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █                          |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> | <b>Final MoldSCORE 100</b> |     |     |       |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM307AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13        | █          |     |     | 105                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13        | █          |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>79</b> |            |     |     | <b>Final MoldSCORE 110</b> |

**Location:** 20906001-TM308AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 101</b> |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM309AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>N/A</b> |            |     |     | <b>Final MoldSCORE 100</b> |

**Location:** 20906001-TM310AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13        |            |     |     | 105                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>13</b> |            |     |     | <b>Final MoldSCORE 105</b> |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM311AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 2         | 110        |                            |     |     | 102   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> | <b>Final MoldSCORE 102</b> |     |     |       |

**Location:** 20906001-TM312AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 3         | 160        |                            |     |     | 102   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | 1         | 13         |                            |     |     | 105   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>173</b> | <b>Final MoldSCORE 102</b> |     |     |       |

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Date of Sampling: 06-20-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM313AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | █                       |    |     |       | 3         | 160        | 101                        |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         | 103                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>213</b> | <b>Final MoldSCORE 103</b> |     |     |       |

**Location:** 20906001-TM314AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             | █                       |    |     |       | 1         | 13         | 105                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | █                       |    |     |       | 1         | 110        | 100                        |     |     |       |
| Curvularia                             |                         |    |     |       | 1         | 13         | 105                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Other brown                            | █                       |    |     |       | 1         | 13         | 105                        |     |     |       |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           | █                       |    |     |       | 1         | 110        | 131                        |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 3         | 40         | 108                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>299</b> | <b>Final MoldSCORE 123</b> |     |     |       |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM315AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        | █          |     |     | 103                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>66</b> |            |     |     | <b>Final MoldSCORE 103</b> |

**Location:** 20906001-TM316AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █          |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 101</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM317AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡             |     |     |            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------------------|-----|-----|------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100                    | 200 | 300 | Score      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |                        |     |     |            |
| Alternaria                             | █                       |    |     |       | 1         | 13        | █                      |     |     | 105        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Cladosporium                           | █                       |    |     |       | 1         | 53        | █                      |     |     | 100        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Other brown                            | █                       |    |     |       | 1         | 13        | █                      |     |     | 105        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |                        |     |     |            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █                      |     |     | 100        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        | █                      |     |     | 103        |
| <b>Total</b>                           |                         |    |     |       |           | <b>92</b> | <b>Final MoldSCORE</b> |     |     | <b>113</b> |

**Location:** 20906001-TM6001LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡             |     |     |            |
|--|-------------------------|----|-----|-------|-----------|------------|------------------------|-----|-----|------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                    | 200 | 300 | Score      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                        |     |     |            |
| Alternaria                             | █                       |    |     |       | 1         | 13         | █                      |     |     | 105        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Cladosporium                           | █                       | █  |     |       | 2         | 230        | █                      |     |     | 103        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                        |     |     |            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █                      |     |     | 100        |
| Rusts                                  | █                       |    |     |       | 1         | 13         | █                      |     |     | 104        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         | █                      |     |     | 103        |
| <b>Total</b>                           |                         |    |     |       |           | <b>269</b> | <b>Final MoldSCORE</b> |     |     | <b>108</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM6002LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 110        |            |     |     | 110                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> |            |     |     | <b>Final MoldSCORE 110</b> |

**Location:** 20906001-TM6003LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 3         | 160        |            |     |     | 103                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>160</b> |            |     |     | <b>Final MoldSCORE 103</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey, Mr. Larry Sandhu  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM6004LS

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>N/A</b> |            |     |     | <b>Final MoldSCORE 100</b> |

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



# HYGIENE TECH

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180  
Torrance, California 90503-1643  
(310) 370-8370  
(310) 370-2474 FAX  
www.hygienetech.com

## Request For Analysis

Project Number/Purchase Order: 20906001 Date Submitted: 6/20/09  
 Project Contact: Wes Frey Turnaround Required: Push same Day  
 Lab Destination: Emab Lab Contact: Sample RECEIVING

| SAMPLE ID           | VOLUME | MEDIA       | ANALYSIS REQUESTED |
|---------------------|--------|-------------|--------------------|
| 20906001 - TM3010AA | 75L    | Attergen 17 | Spore trap         |
| - TM302AL           |        |             |                    |
| - TM303AL           |        |             |                    |
| - TM304AL           |        |             |                    |
| - TM305AL           |        |             |                    |
| - TM306AL           |        |             |                    |
| - TM307AL           |        |             |                    |
| - TM308AL           |        |             |                    |
| - TM309AL           |        |             |                    |
| - TM310AL           |        |             |                    |
| - TM311AL           |        |             |                    |
| - TM312AL           |        |             |                    |
| - TM313AL           |        |             |                    |
| - TM314AL           |        |             |                    |
| - TM315AL           |        |             |                    |
| - TM316AL           |        |             |                    |



000553497

Special Instructions:

1. Sampled by: [Signature] 6/20/09 @ 18:00 Received by: [Signature]  
 2. Relinquished by: [Signature] 6/20/09 @ 15:00 Received by: [Signature] 6/20/09 @ 250  
 3. Relinquished by: [Signature] 6/20/09 @ 15:00 Received by: [Signature] 6-22-09  
 Please include signature, date, and time

Lab Use Only:





**EMLab P&K**

---

Report for:

**Mr. Wes Frey**  
**Hygiene Technologies International, Inc.: Northern California**  
3127 Bowen Island Street  
West Sacramento, CA 95691

---

Regarding:      Project: 20906001  
                         EML ID: 553437

Approved by:

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 06-22-2009

Project SOPs: Spore trap analysis (I100000)

---

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

---

Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM321OUTAR |              | 20906001-TM322AR |           | 20906001-TM323AR |           | 20906001-TM324AR |           |
|---------------------------------|---------------------|--------------|------------------|-----------|------------------|-----------|------------------|-----------|
| Comments (see below)            | None                |              | None             |           | None             |           | None             |           |
| Lab ID-Version‡:                | 2456037-1           |              | 2456038-1        |           | 2456039-1        |           | 2456040-1        |           |
|                                 | raw ct.             | spores/m3    | raw ct.          | spores/m3 | raw ct.          | spores/m3 | raw ct.          | spores/m3 |
| Alternaria                      | 4                   | 53           | 1                | 13        |                  |           |                  |           |
| Arthrinium                      |                     |              |                  |           |                  |           |                  |           |
| Ascospores*                     | 2                   | 110          |                  |           |                  |           |                  |           |
| Aureobasidium                   |                     |              |                  |           |                  |           |                  |           |
| Basidiospores*                  | 23                  | 1,200        | 1                | 53        |                  |           |                  |           |
| Bipolaris/Drechslera group      |                     |              |                  |           |                  |           |                  |           |
| Botrytis                        | 3                   | 40           |                  |           |                  |           |                  |           |
| Chaetomium                      |                     |              |                  |           |                  |           |                  |           |
| Cladosporium                    | 67                  | 3,600        |                  |           | 1                | 53        |                  |           |
| Curvularia                      |                     |              |                  |           |                  |           |                  |           |
| Epicoccum                       |                     |              |                  |           |                  |           |                  |           |
| Fusarium                        |                     |              |                  |           |                  |           |                  |           |
| Myrothecium                     |                     |              |                  |           |                  |           |                  |           |
| Nigrospora                      |                     |              |                  |           |                  |           |                  |           |
| Oidium                          | 2                   | 27           |                  |           |                  |           |                  |           |
| Other brown                     |                     |              |                  |           |                  |           |                  |           |
| Penicillium/Aspergillus types†  | 2                   | 110          |                  |           |                  |           |                  |           |
| Pithomyces                      |                     |              |                  |           |                  |           |                  |           |
| Rusts*                          | 5                   | 67           |                  |           |                  |           | 1                | 13        |
| Smuts*, Periconia, Myxomycetes* | 6                   | 80           | 1                | 13        |                  |           |                  |           |
| Stachybotrys                    |                     |              |                  |           |                  |           |                  |           |
| Stemphylium                     |                     |              |                  |           |                  |           |                  |           |
| Torula                          | 1                   | 13           |                  |           |                  |           |                  |           |
| Ulocladium                      |                     |              |                  |           |                  |           |                  |           |
| Zygomycetes                     |                     |              |                  |           |                  |           |                  |           |
| Background debris (1-4+)††      | 2+                  |              | 1+               |           | 1+               |           | 1+               |           |
| Hyphal fragments/m3             | 160                 |              | < 13             |           | 13               |           | < 13             |           |
| Pollen/m3                       | 93                  |              | < 13             |           | < 13             |           | < 13             |           |
| Skin cells (1-4+)               | < 1+                |              | < 1+             |           | < 1+             |           | < 1+             |           |
| Sample volume (liters)          | 75                  |              | 75               |           | 75               |           | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                     | <b>5,300</b> |                  | <b>80</b> |                  | <b>53</b> |                  | <b>13</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
 ‡ A "Version" greater than 1 indicates amended data.  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM325AR |            | 20906001-TM326AR |            | 20906001-TM327AR |            | 20906001-TM328AR |           |
|---------------------------------|------------------|------------|------------------|------------|------------------|------------|------------------|-----------|
| Comments (see below)            | None             |            | None             |            | None             |            | None             |           |
| Lab ID-Version‡:                | 2456041-1        |            | 2456042-1        |            | 2456043-1        |            | 2456044-1        |           |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3 |
| Alternaria                      |                  |            |                  |            |                  |            | 1                | 13        |
| Arthrinium                      |                  |            |                  |            |                  |            |                  |           |
| Ascospores*                     |                  |            |                  |            |                  |            |                  |           |
| Aureobasidium                   |                  |            |                  |            |                  |            |                  |           |
| Basidiospores*                  |                  |            | 2                | 110        | 2                | 110        |                  |           |
| Bipolaris/Drechslera group      |                  |            |                  |            |                  |            |                  |           |
| Botrytis                        |                  |            |                  |            |                  |            |                  |           |
| Chaetomium                      |                  |            |                  |            |                  |            |                  |           |
| Cladosporium                    | 1                | 53         |                  |            | 1                | 53         |                  |           |
| Curvularia                      |                  |            |                  |            |                  |            |                  |           |
| Epicoccum                       |                  |            |                  |            | 1                | 13         |                  |           |
| Fusarium                        |                  |            |                  |            |                  |            |                  |           |
| Myrothecium                     |                  |            |                  |            |                  |            |                  |           |
| Nigrospora                      |                  |            |                  |            |                  |            |                  |           |
| Oidium                          |                  |            |                  |            |                  |            |                  |           |
| Other brown                     |                  |            |                  |            |                  |            |                  |           |
| Penicillium/Aspergillus types†  | 1                | 53         |                  |            |                  |            |                  |           |
| Pithomyces                      |                  |            |                  |            |                  |            |                  |           |
| Rusts*                          |                  |            |                  |            | 1                | 13         |                  |           |
| Smuts*, Periconia, Myxomycetes* |                  |            |                  |            | 1                | 13         | 1                | 13        |
| Stachybotrys                    |                  |            |                  |            |                  |            |                  |           |
| Stemphylium                     |                  |            |                  |            |                  |            |                  |           |
| Torula                          |                  |            |                  |            |                  |            |                  |           |
| Ulocladium                      |                  |            | 1                | 13         |                  |            |                  |           |
| Zygomycetes                     |                  |            |                  |            |                  |            |                  |           |
| Background debris (1-4+)††      | 1+               |            | 1+               |            | 1+               |            | 1+               |           |
| Hyphal fragments/m3             | < 13             |            | < 13             |            | 27               |            | 13               |           |
| Pollen/m3                       | < 13             |            | < 13             |            | < 13             |            | < 13             |           |
| Skin cells (1-4+)               | 1+               |            | < 1+             |            | 1+               |            | 1+               |           |
| Sample volume (liters)          | 75               |            | 75               |            | 75               |            | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>110</b> |                  | <b>120</b> |                  | <b>200</b> |                  | <b>27</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
 ‡ A "Version" greater than 1 indicates amended data.  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM329AR |            | 20906001-TM330AR |            | 20906001-TM331AR |            | 20906001-TM333AR |           |
|---------------------------------|------------------|------------|------------------|------------|------------------|------------|------------------|-----------|
| Comments (see below)            | None             |            | None             |            | None             |            | None             |           |
| Lab ID-Version‡:                | 2456045-1        |            | 2456046-1        |            | 2456047-1        |            | 2456048-1        |           |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3 |
| Alternaria                      |                  |            |                  |            |                  |            |                  |           |
| Arthrinium                      |                  |            |                  |            |                  |            |                  |           |
| Ascospores*                     |                  |            |                  |            | 1                | 53         |                  |           |
| Aureobasidium                   |                  |            |                  |            |                  |            |                  |           |
| Basidiospores*                  |                  |            | 1                | 53         | 3                | 160        | 1                | 53        |
| Bipolaris/Drechslera group      |                  |            |                  |            |                  |            |                  |           |
| Botrytis                        |                  |            |                  |            |                  |            |                  |           |
| Chaetomium                      |                  |            |                  |            |                  |            |                  |           |
| Cladosporium                    | 2                | 110        | 1                | 53         | 2                | 110        |                  |           |
| Curvularia                      |                  |            |                  |            |                  |            |                  |           |
| Epicoccum                       |                  |            |                  |            |                  |            |                  |           |
| Fusarium                        |                  |            |                  |            |                  |            |                  |           |
| Myrothecium                     |                  |            |                  |            |                  |            |                  |           |
| Nigrospora                      |                  |            |                  |            |                  |            |                  |           |
| Oidium                          |                  |            |                  |            |                  |            |                  |           |
| Other brown                     |                  |            |                  |            |                  |            |                  |           |
| Penicillium/Aspergillus types†  |                  |            |                  |            |                  |            |                  |           |
| Pithomyces                      |                  |            |                  |            |                  |            |                  |           |
| Rusts*                          |                  |            | 1                | 13         |                  |            |                  |           |
| Smuts*, Periconia, Myxomycetes* |                  |            |                  |            |                  |            |                  |           |
| Stachybotrys                    |                  |            |                  |            |                  |            |                  |           |
| Stemphylium                     |                  |            |                  |            |                  |            |                  |           |
| Torula                          |                  |            |                  |            |                  |            |                  |           |
| Ulocladium                      |                  |            |                  |            |                  |            |                  |           |
| Zygomycetes                     |                  |            |                  |            |                  |            |                  |           |
| Background debris (1-4+)††      | 1+               |            | 1+               |            | 1+               |            | 1+               |           |
| Hyphal fragments/m3             | < 13             |            | < 13             |            | < 13             |            | 27               |           |
| Pollen/m3                       | < 13             |            | < 13             |            | < 13             |            | < 13             |           |
| Skin cells (1-4+)               | 1+               |            | 1+               |            | < 1+             |            | 1+               |           |
| Sample volume (liters)          | 75               |            | 75               |            | 75               |            | 75               |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>110</b> |                  | <b>120</b> |                  | <b>320</b> |                  | <b>53</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
 † The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
 †† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
 The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
 ‡ A "Version" greater than 1 indicates amended data.  
 § Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-19-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM334AR |            | 20906001-TM335AR |            | 20906001-TM336OUTAR |              |
|---------------------------------|------------------|------------|------------------|------------|---------------------|--------------|
| Comments (see below)            | None             |            | None             |            | A                   |              |
| Lab ID-Version‡:                | 2456049-1        |            | 2456050-1        |            | 2456051-1           |              |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.             | spores/m3    |
| Alternaria                      |                  |            |                  |            | 1                   | 13           |
| Arthrinium                      |                  |            |                  |            |                     |              |
| Ascospores*                     |                  |            |                  |            | 4                   | 210          |
| Aureobasidium                   |                  |            |                  |            |                     |              |
| Basidiospores*                  |                  |            | 2                | 110        | 25                  | 1,300        |
| Bipolaris/Drechslera group      |                  |            |                  |            |                     |              |
| Botrytis                        |                  |            |                  |            | 2                   | 27           |
| Chaetomium                      |                  |            |                  |            |                     |              |
| Cladosporium                    | 1                | 53         | 1                | 53         | 38                  | 1,500        |
| Curvularia                      |                  |            |                  |            |                     |              |
| Epicoccum                       |                  |            |                  |            |                     |              |
| Fusarium                        |                  |            |                  |            |                     |              |
| Myrothecium                     |                  |            |                  |            |                     |              |
| Nigrospora                      |                  |            |                  |            |                     |              |
| Oidium                          |                  |            |                  |            |                     |              |
| Other brown                     | 1                | 13         |                  |            |                     |              |
| Other colorless                 |                  |            |                  |            |                     |              |
| Penicillium/Aspergillus types†  |                  |            |                  |            | 1                   | 53           |
| Pithomyces                      |                  |            |                  |            |                     |              |
| Rusts*                          | 2                | 27         | 3                | 40         | 3                   | 40           |
| Smuts*, Periconia, Myxomycetes* | 1                | 13         |                  |            | 11                  | 150          |
| Stachybotrys                    |                  |            |                  |            |                     |              |
| Stemphylium                     |                  |            |                  |            |                     |              |
| Torula                          |                  |            |                  |            |                     |              |
| Ulocladium                      |                  |            |                  |            |                     |              |
| Zygomycetes                     |                  |            |                  |            |                     |              |
| Background debris (1-4+)††      | 1+               |            | 1+               |            | 2+                  |              |
| Hyphal fragments/m3             | < 13             |            | < 13             |            | 67                  |              |
| Pollen/m3                       | < 13             |            | < 13             |            | 67                  |              |
| Skin cells (1-4+)               | 1+               |            | 1+               |            | None                |              |
| Sample volume (liters)          | 75               |            | 75               |            | 75                  |              |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>110</b> |                  | <b>200</b> |                     | <b>3,400</b> |

**Comments:**A) 12 of the raw count *Cladosporium* spores were present as a single clump.

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 20906001-TM321OUTAR**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | 53           | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 3,600        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 110          | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | 13           | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 110          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 1,200        | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Botrytis                               | 40           | 7                             | 19  | 200    | 14     | 7                                 | 20  | 200   | 19     |
| Oidium                                 | 27           | 7                             | 13  | 210    | 23     | 7                                 | 13  | 190   | 20     |
| Rusts                                  | 67           | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 80           | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 5,300        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-19-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM336OUTAR**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | 13           | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 1,500        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 53           | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | -            | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 210          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 1,300        | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Botrytis                               | 27           | 7                             | 19  | 200    | 14     | 7                                 | 20  | 200   | 19     |
| Oidium                                 | -            | 7                             | 13  | 210    | 23     | 7                                 | 13  | 190   | 20     |
| Rusts                                  | 40           | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 150          | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 3,293        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM321OUTAR:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Alternaria                    |                          |    |     | 53    | 7 - 27 - 400                              | 52         |
| Ascospores                    |                          |    |     | 110   | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 1,200 | 13 - 310 - 15,000                         | 91         |
| Botrytis                      |                          |    |     | 40    | 7 - 19 - 230                              | 11         |
| Cladosporium                  |                          |    |     | 3,600 | 27 - 510 - 8,900                          | 93         |
| Oidium                        |                          |    |     | 27    | 7 - 13 - 220                              | 15         |
| Penicillium/Aspergillus types |                          |    |     | 110   | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     | 67    | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 80    | 7 - 40 - 830                              | 69         |
| Torula                        |                          |    |     | 13    | 7 - 13 - 160                              | 11         |
| <b>Total</b>                  |                          |    |     | 5,300 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM322AR**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 1%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4615                     | dF: 10<br>Result: 0.3758<br>Critical value: 0.5515<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
|                              | Alternaria   |                                    |   |                                | 13    |
|                              | Basidiospores  |                                    |   |                                | 53    |
|                              | Smuts, Periconia, Myxomycetes  |                                    |   |                                | 13    |
|                              | <b>Total</b>   |                                    |   |                                | 79    |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM323AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 1%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.6394<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| <b>Species Detected</b>      |  | <b>Spores/m3</b>                   |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                 |  |                                    |  |                                | 53    |
| <b>Total</b>                 |  |                                    |  |                                | 53    |

**Location:** 20906001-TM324AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.3364<br>Critical value: 0.5515<br>Outside Similar: No | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |  | <b>Spores/m3</b>                   |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
| Rusts                        |  |                                    |   |                                | 13    |
| <b>Total</b>                 |  |                                    |   |                                | 13    |

**Location:** 20906001-TM325AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 2%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.3333                     | dF: 10<br>Result: 0.6545<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 108<br>Result: Low      |       |
| <b>Species Detected</b>       |  | <b>Spores/m3</b>                   |  |                                |       |
|                               |  | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |  |                                    |  |                                | 53    |
| Penicillium/Aspergillus types |  |                                    |  |                                | 53    |
| <b>Total</b>                  |  |                                    |  |                                | 106   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM326AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 2%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.1667                     | dF: 11<br>Result: 0.2659<br>Critical value: 0.5273<br>Outside Similar: No | Score: 109<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                |  |                                    |   |                                | 110   |
| Ulocladium                   |  |                                    |   |                                | 13    |
| <b>Total</b>                 |  |                                    |   |                                | 123   |

**Location:** 20906001-TM327AR

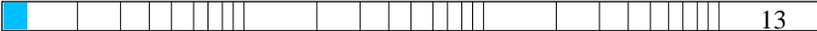
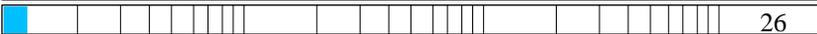
| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 3%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5333                     | dF: 11<br>Result: 0.4955<br>Critical value: 0.5273<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected              |  | Spores/m3                          |   |                                |       |
|                               |  | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                 |  |                                    |   |                                | 110   |
| Cladosporium                  |  |                                    |   |                                | 53    |
| Epicoccum                     |  |                                    |   |                                | 13    |
| Rusts                         |  |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |  |                                    |   |                                | 13    |
| <b>Total</b>                  |  |                                    |   |                                | 202   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

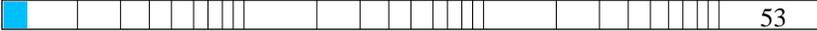
**Location:** 20906001-TM328AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|--|---|--------------------------------|-------|
| Result: < 1%                  | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.3333   | dF: 10<br>Result: 0.2000<br>Critical value: 0.5515<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| Species Detected              |  | Spores/m3  |   |                                |       |
|                               |  | <100   | 1K  | 10K                            | >100K |
| Alternaria                    |  |  |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |  |  |   |                                | 13    |
| <b>Total</b>                  |  |  |   |                                | 26    |

**Location:** 20906001-TM329AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|--|--|--------------------------------|-------|
| Result: 2%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.1818   | dF: 10<br>Result: 0.6394<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 102<br>Result: Low      |       |
| Species Detected             |  | Spores/m3  |  |                                |       |
|                              |  | <100   | 1K   | 10K                            | >100K |
| Cladosporium                 |  |  |  |                                | 110   |
| <b>Total</b>                 |  |  |  |                                | 110   |

**Location:** 20906001-TM330AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|--|--|--------------------------------|-------|
| Result: 2%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4615   | dF: 10<br>Result: 0.6848<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 103<br>Result: Low      |       |
| Species Detected             |  | Spores/m3  |  |                                |       |
|                              |  | <100   | 1K   | 10K                            | >100K |
| Basidiospores                |  |  |  |                                | 53    |
| Cladosporium                 |  |  |  |                                | 53    |
| Rusts                        |  |  |  |                                | 13    |
| <b>Total</b>                 |  |  |  |                                | 119   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM331AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 6%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4615                     | dF: 10<br>Result: 0.7970<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 109<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
| Ascospores                   |  |                                    |  |                                | 53    |
| Basidiospores                |  |                                    |  |                                | 160   |
| Cladosporium                 |  |                                    |  |                                | 110   |
| <b>Total</b>                 |  |                                    |  |                                | 323   |

**Location:** 20906001-TM333AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                              | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 1%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.1818                     | dF: 10<br>Result: 0.5788<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 104<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                |  |                                    |  |                                | 53    |
| <b>Total</b>                 |  |                                    |  |                                | 53    |

**Location:** 20906001-TM334AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 2%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4286                     | dF: 11<br>Result: 0.2864<br>Critical value: 0.5273<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected              |  | Spores/m3                          |   |                                |       |
|                               |  | <100                               | 1K  | 10K                            | >100K |
| Cladosporium                  |  |                                    |   |                                | 53    |
| Other brown                   |  |                                    |   |                                | 13    |
| Rusts                         |  |                                    |   |                                | 27    |
| Smuts, Periconia, Myxomycetes |  |                                    |   |                                | 13    |
| <b>Total</b>                  |  |                                    |   |                                | 106   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM335AR

| <b>% of outdoor total spores/m3</b> | <b>Friedman chi-square* (indoor variation)</b>                             | <b>Agreement ratio** (indoor/outdoor)</b> | <b>Spearman rank correlation*** (indoor/outdoor)</b>                       | <b>MoldSCORE**** (indoor/outdoor)</b> |       |
|-------------------------------------|--|---|--|---------------------------------------|-------|
| Result: 3%                          | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4615                            | dF: 10<br>Result: 0.6758<br>Critical value: 0.5515<br>Outside Similar: Yes | Score: 107<br>Result: Low             |       |
| <b>Species Detected</b>             |  | <b>Spores/m3</b>                          |  |                                       |       |
|                                     |  | <100                                      | 1K   | 10K                                   | >100K |
| Basidiospores                       |  |   |  |                                       |       |
| Cladosporium                        |  |   |  |                                       |       |
| Rusts                               |  |   |  |                                       |       |
| <b>Total</b>                        |  |   |  |                                       |       |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM336OUTAR:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Alternaria                    |                          |    |     | 13    | 7 - 27 - 400                              | 52         |
| Ascospores                    |                          |    |     | 210   | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 1,300 | 13 - 310 - 15,000                         | 91         |
| Botrytis                      |                          |    |     | 27    | 7 - 19 - 230                              | 11         |
| Cladosporium                  |                          |    |     | 1,500 | 27 - 510 - 8,900                          | 93         |
| Penicillium/Aspergillus types |                          |    |     | 53    | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     | 40    | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 150   | 7 - 40 - 830                              | 69         |
| <b>Total</b>                  |                          |    |     | 3,293 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM322AR**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 2%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5455                     | dF: 8<br>Result: 0.1726<br>Critical value: 0.6190<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
|                              | Alternaria   |                                    |  |                                | 13    |
|                              | Basidiospores  |                                    |  |                                | 53    |
|                              | Smuts, Periconia, Myxomycetes  |                                    |  |                                | 13    |
|                              | <b>Total</b>   |                                    |  |                                | 79    |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM323AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 1%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.2222                     | dF: 8<br>Result: 0.6667<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 102<br>Result: Low      |       |
| <b>Species Detected</b>      |  | <b>Spores/m3</b>                   |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
| Cladosporium                 |  |                                    |   |                                | 53    |
| <b>Total</b>                 |  |                                    |   |                                | 53    |

**Location:** 20906001-TM324AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                 | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.2222                     | dF: 8<br>Result: 0.1905<br>Critical value: 0.6190<br>Outside Similar: No | Score: 100<br>Result: Low      |       |
| <b>Species Detected</b>      |  | <b>Spores/m3</b>                   |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
| Rusts                        |  |                                    |  |                                | 13    |
| <b>Total</b>                 |  |                                    |  |                                | 13    |

**Location:** 20906001-TM325AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 3%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4000                     | dF: 8<br>Result: 0.5000<br>Critical value: 0.6190<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| <b>Species Detected</b>       |  | <b>Spores/m3</b>                   |  |                                |       |
|                               |  | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |  |                                    |  |                                | 53    |
| Penicillium/Aspergillus types |  |                                    |  |                                | 53    |
| <b>Total</b>                  |  |                                    |  |                                | 106   |

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**Location:** 20906001-TM326AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 3%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.2000                     | dF: 9<br>Result: 0.2167<br>Critical value: 0.5833<br>Outside Similar: No | Score: 106<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |  |                                |       |
|                              |  | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                |  |                                    |  |                                | 110   |
| Ulocladium                   |  |                                    |  |                                | 13    |
| <b>Total</b>                 |  |                                    |  |                                | 123   |

**Location:** 20906001-TM327AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 6%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.6154                     | dF: 9<br>Result: 0.5167<br>Critical value: 0.5833<br>Outside Similar: No | Score: 106<br>Result: Low      |       |
| Species Detected              |  | Spores/m3                          |  |                                |       |
|                               |  | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                 |  |                                    |  |                                | 110   |
| Cladosporium                  |  |                                    |  |                                | 53    |
| Epicoccum                     |  |                                    |  |                                | 13    |
| Rusts                         |  |                                    |  |                                | 13    |
| Smuts, Periconia, Myxomycetes |  |                                    |  |                                | 13    |
| <b>Total</b>                  |  |                                    |  |                                | 202   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM328AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                  | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.4000                     | dF: 8<br>Result: -0.0714<br>Critical value: 0.6190<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| Species Detected              |  | Spores/m3                          |   |                                |       |
|                               |  | <100                               | 1K  | 10K                            | >100K |
| Alternaria                    |  |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |  |                                    |   |                                | 13    |
| <b>Total</b>                  |  |                                    |   |                                | 26    |

**Location:** 20906001-TM329AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 3%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.2222                     | dF: 8<br>Result: 0.6667<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 104<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
| Cladosporium                 |  |                                    |   |                                | 110   |
| <b>Total</b>                 |  |                                    |   |                                | 110   |

**Location:** 20906001-TM330AR

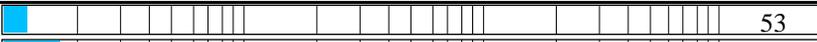
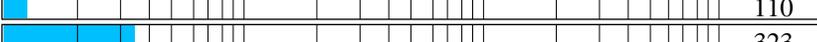
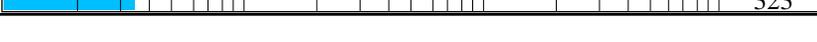
| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 3%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5455                     | dF: 8<br>Result: 0.6607<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 101<br>Result: Low      |       |
| Species Detected             |  | Spores/m3                          |   |                                |       |
|                              |  | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                |  |                                    |   |                                | 53    |
| Cladosporium                 |  |                                    |   |                                | 53    |
| Rusts                        |  |                                    |   |                                | 13    |
| <b>Total</b>                 |  |                                    |   |                                | 119   |

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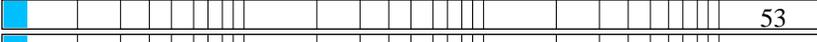
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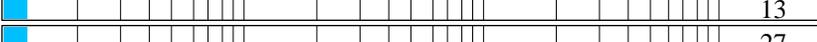
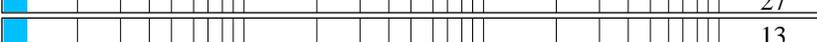
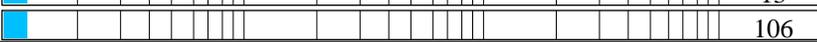
**Location:** 20906001-TM331AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|--|---|--------------------------------|-------|
| Result: 9%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5455   | dF: 8<br>Result: 0.8571<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 103<br>Result: Low      |       |
| Species Detected             |  | Spores/m3  |   |                                |       |
|                              |  | <100   | 1K  | 10K                            | >100K |
| Ascospores                   |  |  |   |                                | 53    |
| Basidiospores                |  |  |   |                                | 160   |
| Cladosporium                 |  |  |   |                                | 110   |
| <b>Total</b>                 |  |  |   |                                | 323   |

**Location:** 20906001-TM333AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|--|--|--|--------------------------------|-------|
| Result: 1%                   | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.2222   | dF: 8<br>Result: 0.5714<br>Critical value: 0.6190<br>Outside Similar: No | Score: 103<br>Result: Low      |       |
| Species Detected             |  | Spores/m3  |  |                                |       |
|                              |  | <100   | 1K   | 10K                            | >100K |
| Basidiospores                |  |  |  |                                | 53    |
| <b>Total</b>                 |  |  |  |                                | 53    |

**Location:** 20906001-TM334AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                    | Agreement ratio** (indoor/outdoor)   | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|--|--|--------------------------------|-------|
| Result: 3%                    | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5000   | dF: 9<br>Result: 0.2292<br>Critical value: 0.5833<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected              |  | Spores/m3  |  |                                |       |
|                               |  | <100   | 1K   | 10K                            | >100K |
| Cladosporium                  |  |  |  |                                | 53    |
| Other brown                   |  |  |  |                                | 13    |
| Rusts                         |  |  |  |                                | 27    |
| Smuts, Periconia, Myxomycetes |  |  |  |                                | 13    |
| <b>Total</b>                  |  |  |  |                                | 106   |

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**Location:** 20906001-TM335AR

| <b>% of outdoor total spores/m3</b> | <b>Friedman chi-square* (indoor variation)</b>                             | <b>Agreement ratio** (indoor/outdoor)</b> | <b>Spearman rank correlation*** (indoor/outdoor)</b>                      | <b>MoldSCORE**** (indoor/outdoor)</b> |       |     |
|-------------------------------------|--|---|---|---------------------------------------|-------|-----|
| Result: 6%                          | dF: 12<br>Result: 5.8286<br>Critical value: 21.0261<br>Inside Similar: Yes | Result: 0.5455                            | dF: 8<br>Result: 0.6429<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 103<br>Result: Low             |       |     |
| <b>Species Detected</b>             |  | <b>Spores/m3</b>                          |   |                                       |       |     |
|                                     |  | <100                                      | 1K  | 10K                                   | >100K |     |
| Basidiospores                       |  |   |   |                                       |       | 110 |
| Cladosporium                        |  |   |   |                                       |       | 53  |
| Rusts                               |  |   |   |                                       |       | 40  |
| <b>Total</b>                        |  |   |   |                                       |       | 203 |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM321OUTAR

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3    |
|--|--------------------------|----|-----|-------|-----------|--------------|
|  | <100                     | 1K | 10K | >100K |           |              |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |              |
| Alternaria                             |                          |    |     |       | 4         | 53           |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13         |
| Chaetomium                             |                          |    |     |       | ND        | < 13         |
| Cladosporium                           |                          |    |     |       | 67        | 3,600        |
| Curvularia                             |                          |    |     |       | ND        | < 13         |
| Nigrospora                             |                          |    |     |       | ND        | < 13         |
| Penicillium/Aspergillus types†         |                          |    |     |       | 2         | 110          |
| Stachybotrys                           |                          |    |     |       | ND        | < 13         |
| Torula                                 |                          |    |     |       | 1         | 13           |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |              |
| Ascospores††                           |                          |    |     |       | 2         | 110          |
| Basidiospores††                        |                          |    |     |       | 23        | 1,200        |
| Botrytis                               |                          |    |     |       | 3         | 40           |
| Oidium                                 |                          |    |     |       | 2         | 27           |
| Rusts                                  |                          |    |     |       | 5         | 67           |
| Smuts, Periconia, Myxomycetes††        |                          |    |     |       | 6         | 80           |
| <b>Total</b>                           |                          |    |     |       |           | <b>5,300</b> |

**Location:** 20906001-TM322AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 |
|--|-------------------------|----|-----|-------|-----------|-----------|
|  | <100                    | 1K | 10K | >100K |           |           |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |
| Alternaria                             |                         |    |     |       | 1         | 13        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |
| Curvularia                             |                         |    |     |       | ND        | < 13      |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |
| Torula                                 |                         |    |     |       | ND        | < 13      |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |
| Basidiospores††                        |                         |    |     |       | 1         | 53        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13        |
| <b>Total</b>                           |                         |    |     |       |           | <b>79</b> |

| MoldSCORE‡                            |     |     |            |
|---------------------------------------|-----|-----|------------|
| 100                                   | 200 | 300 | Score      |
|                                       |     |     | 105        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
|                                       |     |     | 100        |
| <b>Seldom found growing indoors**</b> |     |     |            |
|                                       |     |     | 100        |
|                                       |     |     | 104        |
|                                       |     |     | 100        |
|                                       |     |     | 102        |
| <b>Final MoldSCORE</b>                |     |     | <b>107</b> |

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**Location:** 20906001-TM323AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | 1         | 53        |            |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 101</b> |

**Location:** 20906001-TM324AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | 1         | 13        |            |     |     | 105                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>13</b> |            |     |     | <b>Final MoldSCORE 100</b> |

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**Location:** 20906001-TM325AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         |            |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 108</b> |

**Location:** 20906001-TM326AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Ulocladium                             | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 109                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> |            |     |     | <b>Final MoldSCORE 109</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM327AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Epicoccum                              | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 107                        |
| Rusts                                  |                         |    |     |       | 1         | 13         |            |     |     | 104                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         |            |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>202</b> |            |     |     | <b>Final MoldSCORE 107</b> |

**Location:** 20906001-TM328AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13        |            |     |     | 105                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        |            |     |     | 103                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>26</b> |            |     |     | <b>Final MoldSCORE 108</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
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 Re: 20906001

Date of Sampling: 06-19-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM329AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> |            |     |     | <b>Final MoldSCORE 102</b> |

**Location:** 20906001-TM330AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         | █          |     |     | 103                        |
| Rusts                                  | █                       |    |     |       | 1         | 13         | █          |     |     | 104                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>119</b> |            |     |     | <b>Final MoldSCORE 103</b> |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM331AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           | █                       |    |     |       | 1         | 53         | █          |     |     | 118                        |
| Basidiospores††                        | █                       |    |     |       | 3         | 160        | █          |     |     | 109                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>323</b> |            |     |     | <b>Final MoldSCORE 109</b> |

**Location:** 20906001-TM333AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53        | █          |     |     | 104                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 104</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM334AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  | █                       |    |     |       | 2         | 27         |            |     |     | 110                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         |            |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 107</b> |

**Location:** 20906001-TM335AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 107                        |
| Rusts                                  | █                       |    |     |       | 3         | 40         |            |     |     | 115                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>203</b> |            |     |     | <b>Final MoldSCORE 107</b> |

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Northern California  
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Date of Sampling: 06-19-2009  
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### **MoldSCORE™: Spore Trap Report**

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM323AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | 1         | 53        | █          |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 102</b> |

**Location:** 20906001-TM324AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | 1         | 13        | █          |     |     | 105                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>13</b> |            |     |     | <b>Final MoldSCORE 100</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-19-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM325AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | 1         | 53         |            |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 108</b> |

**Location:** 20906001-TM326AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Ulocladium                             |                         |    |     |       | 1         | 13         |            |     |     | 105                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | 2         | 110        |            |     |     | 106                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>123</b> |            |     |     | <b>Final MoldSCORE 106</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
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Date of Sampling: 06-19-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM327AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Epicoccum                              | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 103                        |
| Rusts                                  | █                       |    |     |       | 1         | 13         |            |     |     | 104                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         |            |     |     | 101                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>202</b> |            |     |     | <b>Final MoldSCORE 106</b> |

**Location:** 20906001-TM328AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             | █                       |    |     |       | 1         | 13        |            |     |     | 105                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        |            |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>26</b> |            |     |     | <b>Final MoldSCORE 108</b> |

Client: Hygiene Technologies International, Inc.:  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM329AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 104                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> |            |     |     | <b>Final MoldSCORE 104</b> |

**Location:** 20906001-TM330AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         | █          |     |     | 101                        |
| Rusts                                  | █                       |    |     |       | 1         | 13         | █          |     |     | 105                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>119</b> |            |     |     | <b>Final MoldSCORE 101</b> |

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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM331AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           | █                       |    |     |       | 1         | 53         | █          |     |     | 113                        |
| Basidiospores††                        | █                       |    |     |       | 3         | 160        | █          |     |     | 103                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>323</b> |            |     |     | <b>Final MoldSCORE 103</b> |

**Location:** 20906001-TM333AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53        | █          |     |     | 103                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 103</b> |

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 Re: 20906001

Date of Sampling: 06-19-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM334AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Other brown                            | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  | █                       |    |     |       | 2         | 27         |            |     |     | 110                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         |            |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 107</b> |

**Location:** 20906001-TM335AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 103                        |
| Rusts                                  | █                       |    |     |       | 3         | 40         |            |     |     | 115                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>203</b> |            |     |     | <b>Final MoldSCORE 103</b> |

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-19-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

### **MoldSCORE™: Spore Trap Report**

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.



# HYGIENE TECH

Hygiene Technologies International, Inc.

3625 Del Amo Boulevard, Suite 180  
Torrance, California 90503-1643  
(310) 370-8370  
(310) 370-2474 FAX  
www.hygienotech.com

## Request For Analysis

59437

Project Number/Purchase Order: 20906001 Date Submitted: 6-21-09  
 Project Contact: Wes Frey Turnaround Required: Same day (rush)  
 Lab Destination: Em Lab P&K Lab Contact: \_\_\_\_\_

| SAMPLE ID                     | VOLUME | MEDIA        | ANALYSIS REQUESTED |
|-------------------------------|--------|--------------|--------------------|
| <del>20906001</del> - TM324AR | 75L    | Allegiance-D | Total Fungi I.D.   |
| 20906001 - TM322AR            |        |              |                    |
| 20906001 - TM323AR            |        |              |                    |
| 20906001 - TM324AR            |        |              |                    |
| 20906001 - TM325AR            |        |              |                    |
| 20906001 - TM326AR            |        |              |                    |
| 20906001 - TM327AR            |        |              |                    |
| 20906001 - TM328AR            |        |              |                    |
| <del>20906001 - TM329AR</del> |        |              |                    |
| 20906001 - TM330AR            |        |              |                    |
| 20906001 - TM331AR            |        |              |                    |
| <del>20906001 - TM332AR</del> |        |              |                    |
| 20906001 - TM333AR            |        |              |                    |
| 20906001 - TM334AR            |        |              |                    |
| 20906001 - TM335AR            |        |              |                    |
| 20906001 - TM336AR            |        |              |                    |
| 20906001 - TM337AR            |        |              |                    |

Special Instructions: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

1. Sampled by: Dr. Zy 6-20-09 1900 Received by: \_\_\_\_\_  
 2. Relinquished by: by 6-22-09 0915 Received by: #Hudson on 6/22/09 @ 8:15  
 3. Relinquished by: #Hudson on 6/22/09 @ 9:15 Received by: Brandon Hudson 6/22/09 @ 10:15  
 Please include signature, date, and time

Lab Use Only:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



**EMLab P&K**

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Report for:

**Mr. Wes Frey**  
**Hygiene Technologies International, Inc.: Northern California**  
3127 Bowen Island Street  
West Sacramento, CA 95691

---

Regarding:      Project: 20906001  
                         EML ID: 553431

Approved by:

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 06-22-2009

Project SOPs: Spore trap analysis (I100000)

---

This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-20-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM201OUTWF |              | 20906001-TM101WF |            | 20906001-TM102WF |            | 20906001-TM103WF |              | 20906001-TM104WF |            |
|---------------------------------|---------------------|--------------|------------------|------------|------------------|------------|------------------|--------------|------------------|------------|
| Comments (see below)            | A                   |              | None             |            | None             |            | B                |              | None             |            |
| Lab ID-Version‡:                | 2455976-1           |              | 2455977-1        |            | 2455978-1        |            | 2455979-1        |              | 2455980-1        |            |
|                                 | raw ct.             | spores/m3    | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3    | raw ct.          | spores/m3  |
| Alternaria                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Arthrinium                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Ascospores*                     | 5                   | 270          | 1                | 53         |                  |            | 1                | 53           |                  |            |
| Aureobasidium                   |                     |              |                  |            |                  |            |                  |              |                  |            |
| Basidiospores*                  | 21                  | 1,100        | 3                | 160        |                  |            | 5                | 270          | 1                | 53         |
| Bipolaris/Drechslera group      |                     |              | 1                | 13         |                  |            |                  |              |                  |            |
| Botrytis                        |                     |              |                  |            |                  |            |                  |              |                  |            |
| Cercospora                      | 1                   | 13           |                  |            |                  |            |                  |              |                  |            |
| Chaetomium                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Cladosporium                    | 24                  | 1,300        | 3                | 160        | 1                | 53         | 2                | 110          | 1                | 53         |
| Curvularia                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Epicoccum                       |                     |              |                  |            | 1                | 13         |                  |              |                  |            |
| Fusarium                        |                     |              |                  |            |                  |            |                  |              |                  |            |
| Myrothecium                     |                     |              |                  |            |                  |            |                  |              |                  |            |
| Nigrospora                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Oidium                          | 2                   | 27           |                  |            |                  |            |                  |              |                  |            |
| Penicillium/Aspergillus types†  | 34                  | 1,300        | 4                | 210        | 5                | 270        | 269              | 8,300        | 1                | 53         |
| Pithomyces                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Rusts*                          |                     |              |                  |            |                  |            | 1                | 13           | 1                | 13         |
| Smuts*, Periconia, Myxomycetes* | 6                   | 80           | 4                | 53         |                  |            | 3                | 40           |                  |            |
| Stachybotrys                    |                     |              |                  |            |                  |            |                  |              |                  |            |
| Stemphylium                     |                     |              |                  |            |                  |            |                  |              |                  |            |
| Torula                          |                     |              |                  |            |                  |            |                  |              |                  |            |
| Ulocladium                      |                     |              |                  |            |                  |            |                  |              |                  |            |
| Background debris (1-4+)††      | 2+                  |              | 3+               |            | 3+               |            | 3+               |              | 3+               |            |
| Hyphal fragments/m3             | 200                 |              | 27               |            | < 13             |            | 13               |              | < 13             |            |
| Pollen/m3                       | 27                  |              | 130              |            | 13               |            | < 13             |              | 27               |            |
| Skin cells (1-4+)               | < 1+                |              | 2+               |            | 1+               |            | 2+               |              | 1+               |            |
| Sample volume (liters)          | 75                  |              | 75               |            | 75               |            | 75               |              | 75               |            |
| <b>§ TOTAL SPORE/m3</b>         |                     | <b>4,100</b> |                  | <b>650</b> |                  | <b>330</b> |                  | <b>8,700</b> |                  | <b>170</b> |

Comments: A) 13 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. B) 152 of the raw count *Penicillium/Aspergillus* type spores were present as a clump of 62, a clump of 50, and a clump of 40 spores.

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM201OUTWF**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | -            | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 1,300        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 1,300        | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | -            | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 270          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 1,100        | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Cercospora                             | 13           | 7                             | 20  | 240    | 9      | 7                                 | 13  | 130   | 1      |
| Oidium                                 | 27           | 7                             | 13  | 210    | 23     | 7                                 | 13  | 190   | 20     |
| Rusts                                  | -            | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 80           | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 4,090        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM201OUTWF:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Ascospores                    |                          |    |     | 270   | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 1,100 | 13 - 310 - 15,000                         | 91         |
| Cercospora                    |                          |    |     | 13    | 7 - 27 - 440                              | 9          |
| Cladosporium                  |                          |    |     | 1,300 | 27 - 510 - 8,900                          | 93         |
| Oidium                        |                          |    |     | 27    | 7 - 13 - 220                              | 15         |
| Penicillium/Aspergillus types |                          |    |     | 1,300 | 27 - 210 - 2,500                          | 80         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 80    | 7 - 40 - 830                              | 69         |
| <b>Total</b>                  |                          |    |     | 4,090 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM101WF**

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                  | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |
|-------------------------------|--|------------------------------------|---|--------------------------------|
| Result: 15%                   | dF: 3<br>Result: 6.1500<br>Critical value: 7.8147<br>Inside Similar: Yes | Result: 0.7692                     | dF: 8<br>Result: 0.8988<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 113<br>Result: Low      |
| Species Detected              | Spores/m3  |                                    |   |                                |
|                               | <100   | 1K                                 | 10K   | >100K                          |
| Ascospores                    |  |                                    |   | 53                             |
| Basidiospores                 |  |                                    |   | 160                            |
| Bipolaris/Drechslera group    |  |                                    |   | 13                             |
| Cladosporium                  |  |                                    |   | 160                            |
| Penicillium/Aspergillus types |  |                                    |   | 210                            |
| Smuts, Periconia, Myxomycetes |  |                                    |   | 53                             |
| <b>Total</b>                  |  |                                    |   | 649                            |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM102WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                  | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|--|--------------------------------|-------|
| Result: 8%                    | dF: 3<br>Result: 6.1500<br>Critical value: 7.8147<br>Inside Similar: Yes | Result: 0.4000                     | dF: 8<br>Result: 0.5179<br>Critical value: 0.6190<br>Outside Similar: No | Score: 126<br>Result: Low      |       |
| Species Detected              |  | Spores/m3                          |  |                                |       |
|                               |  | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |  |                                    |  |                                | 53    |
| Epicoccum                     |  |                                    |  |                                | 13    |
| Penicillium/Aspergillus types |  |                                    |  |                                | 270   |
| <b>Total</b>                  |  |                                    |  |                                | 336   |

**Location:** 20906001-TM103WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                  | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|--|------------------------------------|---|--------------------------------|-------|
| Result: 214%                  | dF: 3<br>Result: 6.1500<br>Critical value: 7.8147<br>Inside Similar: Yes | Result: 0.7692                     | dF: 8<br>Result: 0.8810<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 300<br>Result: High     |       |
| Species Detected              |  | Spores/m3                          |   |                                |       |
|                               |  | <100                               | 1K  | 10K                            | >100K |
| Ascospores                    |  |                                    |   |                                | 53    |
| Basidiospores                 |  |                                    |   |                                | 270   |
| Cladosporium                  |  |                                    |   |                                | 110   |
| Penicillium/Aspergillus types |  |                                    |   |                                | 8,300 |
| Rusts                         |  |                                    |   |                                | 13    |
| Smuts, Periconia, Myxomycetes |  |                                    |   |                                | 40    |
| <b>Total</b>                  |  |                                    |   |                                | 8,786 |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM104WF

| <b>% of outdoor total spores/m3</b> | <b>Friedman chi-square* (indoor variation)</b>                           | <b>Agreement ratio** (indoor/outdoor)</b> | <b>Spearman rank correlation*** (indoor/outdoor)</b>                      | <b>MoldSCORE**** (indoor/outdoor)</b> |       |
|-------------------------------------|--|---|---|---------------------------------------|-------|
| Result: 4%                          | dF: 3<br>Result: 6.1500<br>Critical value: 7.8147<br>Inside Similar: Yes | Result: 0.5455                            | dF: 8<br>Result: 0.6845<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 101<br>Result: Low             |       |
| <b>Species Detected</b>             |  | <b>Spores/m3</b>                          |   |                                       |       |
|                                     |  | <100                                      | 1K  | 10K                                   | >100K |
| Basidiospores                       |  |   |   |                                       | 53    |
| Cladosporium                        |  |   |   |                                       | 53    |
| Penicillium/Aspergillus types       |  |   |   |                                       | 53    |
| Rusts                               |  |   |   |                                       | 13    |
| <b>Total</b>                        |  |   |   |                                       | 172   |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM201OUTWF

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3    |
|--|--------------------------|----|-----|-------|-----------|--------------|
|  | <100                     | 1K | 10K | >100K |           |              |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |              |
| Alternaria                             |                          |    |     |       | ND        | < 13         |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13         |
| Chaetomium                             |                          |    |     |       | ND        | < 13         |
| Cladosporium                           | █                        | █  | █   | █     | 24        | 1,300        |
| Curvularia                             |                          |    |     |       | ND        | < 13         |
| Nigrospora                             |                          |    |     |       | ND        | < 13         |
| Penicillium/Aspergillus types†         | █                        | █  | █   | █     | 34        | 1,300        |
| Stachybotrys                           |                          |    |     |       | ND        | < 13         |
| Torula                                 |                          |    |     |       | ND        | < 13         |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |              |
| Ascospores‡‡                           | █                        | █  |     |       | 5         | 270          |
| Basidiospores‡‡                        | █                        | █  | █   | █     | 21        | 1,100        |
| Cercospora                             | █                        |    |     |       | 1         | 13           |
| Oidium                                 | █                        |    |     |       | 2         | 27           |
| Rusts                                  |                          |    |     |       | ND        | < 13         |
| Smuts, Periconia, Myxomycetes‡‡        | █                        |    |     |       | 6         | 80           |
| <b>Total</b>                           |                          |    |     |       |           | <b>4,090</b> |

**Location:** 20906001-TM101WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  |
|--|-------------------------|----|-----|-------|-----------|------------|
|  | <100                    | 1K | 10K | >100K |           |            |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |
| Bipolaris/Drechslera group             | █                       |    |     |       | 1         | 13         |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |
| Cladosporium                           | █                       |    |     |       | 3         | 160        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 4         | 210        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |
| Torula                                 |                         |    |     |       | ND        | < 13       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |
| Ascospores‡‡                           | █                       |    |     |       | 1         | 53         |
| Basidiospores‡‡                        | █                       | █  |     |       | 3         | 160        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |
| Smuts, Periconia, Myxomycetes‡‡        | █                       |    |     |       | 4         | 53         |
| <b>Total</b>                           |                         |    |     |       |           | <b>649</b> |

| MoldSCORE‡             |     |     |            |
|------------------------|-----|-----|------------|
| 100                    | 200 | 300 | Score      |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 105        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 101        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 104        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 100        |
| █                      | █   | █   | 108        |
| <b>Final MoldSCORE</b> |     |     | <b>113</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM102WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Epicoccum                              | █                       |    |     |       | 1         | 13         |            |     |     | 105                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       | █  |     |       | 5         | 270        |            |     |     | 126                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>336</b> |            |     |     | <b>Final MoldSCORE 126</b> |

**Location:** 20906001-TM103WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3    | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|--------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |              | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |              |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110          |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       | █  | █   | █     | 269       | 8,300        |            |     |     | 300                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13         |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |              |            |     |     |                            |
| Ascospores††                           | █                       |    |     |       | 1         | 53           |            |     |     | 100                        |
| Basidiospores††                        | █                       | █  |     |       | 5         | 270          |            |     |     | 100                        |
| Rusts                                  | █                       |    |     |       | 1         | 13           |            |     |     | 105                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 3         | 40           |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>8,786</b> |            |     |     | <b>Final MoldSCORE 300</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-20-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM104WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         | █          |     |     | 101                        |
| Rusts                                  | █                       |    |     |       | 1         | 13         | █          |     |     | 105                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>172</b> |            |     |     | <b>Final MoldSCORE 101</b> |

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.





**EMLab P&K**

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Report for:

**Mr. Wes Frey**  
**Hygiene Technologies International, Inc.: Northern California**  
3127 Bowen Island Street  
West Sacramento, CA 95691

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Regarding:      Project: 20906001  
                         EML ID: 553436

Approved by:

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 06-22-2009

Project SOPs: Spore trap analysis (I100000)

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This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM301OUTWF |              | 20906001-TM302WF |            | 20906001-TM303WF |            | 20906001-TM304WF |            | 20906001-TM305WF |            |
|---------------------------------|---------------------|--------------|------------------|------------|------------------|------------|------------------|------------|------------------|------------|
| Comments (see below)            | None                |              | None             |            | None             |            | None             |            | None             |            |
| Lab ID-Version‡:                | 2456021-1           |              | 2456022-1        |            | 2456023-1        |            | 2456024-1        |            | 2456025-1        |            |
|                                 | raw ct.             | spores/m3    | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  |
| Alternaria                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Arthrinium                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Ascospores*                     | 8                   | 430          |                  |            |                  |            |                  |            |                  |            |
| Aureobasidium                   |                     |              |                  |            |                  |            |                  |            |                  |            |
| Basidiospores*                  | 18                  | 960          |                  |            | 1                | 53         |                  |            |                  |            |
| Bipolaris/Drechslera group      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Botrytis                        |                     |              |                  |            |                  |            |                  |            |                  |            |
| Chaetomium                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Cladosporium                    | 32                  | 1,700        | 2                | 110        | 1                | 53         | 2                | 110        | 1                | 53         |
| Curvularia                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Epicoccum                       |                     |              |                  |            |                  |            |                  |            |                  |            |
| Fusarium                        |                     |              |                  |            |                  |            |                  |            |                  |            |
| Myrothecium                     |                     |              |                  |            |                  |            |                  |            |                  |            |
| Nigrospora                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Other colorless                 |                     |              |                  |            |                  |            |                  |            |                  |            |
| Penicillium/Aspergillus types†  | 4                   | 210          | 1                | 53         | 3                | 160        |                  |            | 1                | 53         |
| Pithomyces                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Rusts*                          |                     |              |                  |            |                  |            |                  |            |                  |            |
| Smuts*, Periconia, Myxomycetes* | 21                  | 280          |                  |            | 1                | 13         |                  |            |                  |            |
| Spegazzinia                     |                     |              |                  |            |                  |            |                  |            |                  |            |
| Stachybotrys                    |                     |              |                  |            |                  |            |                  |            |                  |            |
| Stemphylium                     |                     |              |                  |            |                  |            |                  |            |                  |            |
| Torula                          | 1                   | 13           |                  |            |                  |            |                  |            |                  |            |
| Ulocladium                      |                     |              |                  |            |                  |            |                  |            |                  |            |
| Zygomycetes                     |                     |              |                  |            |                  |            |                  |            |                  |            |
| Background debris (1-4+)††      | 2+                  |              | 1+               |            | 1+               |            | 1+               |            | 1+               |            |
| Hyphal fragments/m3             | 170                 |              | 27               |            | < 13             |            | < 13             |            | < 13             |            |
| Pollen/m3                       | 120                 |              | < 13             |            | < 13             |            | < 13             |            | 13               |            |
| Skin cells (1-4+)               | < 1+                |              | < 1+             |            | < 1+             |            | < 1+             |            | < 1+             |            |
| Sample volume (liters)          | 75                  |              | 75               |            | 75               |            | 75               |            | 75               |            |
| <b>§ TOTAL SPORE/m3</b>         |                     | <b>3,600</b> |                  | <b>160</b> |                  | <b>280</b> |                  | <b>110</b> |                  | <b>110</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.  
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.  
†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.  
The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.  
‡ A "Version" greater than 1 indicates amended data.  
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM306WF |           | 20906001-TM307WF |            | 20906001-TM308WF |            | 20906001-TM309WF |            |
|---------------------------------|------------------|-----------|------------------|------------|------------------|------------|------------------|------------|
| Comments (see below)            | None             |           | None             |            | None             |            | None             |            |
| Lab ID-Version‡:                | 2456026-1        |           | 2456027-1        |            | 2456028-1        |            | 2456029-1        |            |
|                                 | raw ct.          | spores/m3 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  |
| Alternaria                      |                  |           |                  |            |                  |            |                  |            |
| Arthrinium                      |                  |           |                  |            |                  |            |                  |            |
| Ascospores*                     |                  |           |                  |            |                  |            |                  |            |
| Aureobasidium                   |                  |           |                  |            |                  |            |                  |            |
| Basidiospores*                  |                  |           | 1                | 53         | 2                | 110        | 2                | 110        |
| Bipolaris/Drechslera group      |                  |           |                  |            |                  |            |                  |            |
| Botrytis                        |                  |           |                  |            |                  |            |                  |            |
| Chaetomium                      |                  |           |                  |            | 1                | 13         | 1                | 13         |
| Cladosporium                    |                  |           | 2                | 110        | 5                | 270        | 2                | 110        |
| Curvularia                      |                  |           |                  |            |                  |            |                  |            |
| Epicoccum                       |                  |           |                  |            |                  |            |                  |            |
| Fusarium                        |                  |           |                  |            |                  |            |                  |            |
| Myrothecium                     |                  |           |                  |            |                  |            |                  |            |
| Nigrospora                      |                  |           |                  |            |                  |            |                  |            |
| Other colorless                 |                  |           |                  |            |                  |            |                  |            |
| Penicillium/Aspergillus types†  | 1                | 53        | 1                | 53         |                  |            | 1                | 53         |
| Pithomyces                      |                  |           |                  |            |                  |            |                  |            |
| Rusts*                          |                  |           |                  |            |                  |            |                  |            |
| Smuts*, Periconia, Myxomycetes* |                  |           |                  |            |                  |            | 1                | 13         |
| Spegazzinia                     |                  |           |                  |            |                  |            |                  |            |
| Stachybotrys                    |                  |           |                  |            |                  |            |                  |            |
| Stemphylium                     |                  |           |                  |            |                  |            |                  |            |
| Torula                          |                  |           |                  |            |                  |            |                  |            |
| Ulocladium                      |                  |           |                  |            |                  |            |                  |            |
| Zygomycetes                     |                  |           |                  |            |                  |            |                  |            |
| Background debris (1-4+)††      | 1+               |           | 1+               |            | 1+               |            | 1+               |            |
| Hyphal fragments/m3             | < 13             |           | 13               |            | < 13             |            | 27               |            |
| Pollen/m3                       | < 13             |           | 27               |            | < 13             |            | 13               |            |
| Skin cells (1-4+)               | < 1+             |           | 1+               |            | 1+               |            | 1+               |            |
| Sample volume (liters)          | 75               |           | 75               |            | 75               |            | 75               |            |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>53</b> |                  | <b>210</b> |                  | <b>390</b> |                  | <b>290</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM310WF |            | 20906001-TM311WF |            | 20906001-TM312WF |            | 20906001-TM313OUTWF |              |
|---------------------------------|------------------|------------|------------------|------------|------------------|------------|---------------------|--------------|
| Comments (see below)            | None             |            | None             |            | None             |            | A                   |              |
| Lab ID-Version‡:                | 2456030-1        |            | 2456031-1        |            | 2456032-1        |            | 2456033-1           |              |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.          | spores/m3  | raw ct.             | spores/m3    |
| Alternaria                      |                  |            |                  |            |                  |            |                     |              |
| Arthrinium                      |                  |            |                  |            |                  |            |                     |              |
| Ascospores*                     |                  |            | 1                | 53         |                  |            | 8                   | 430          |
| Aureobasidium                   |                  |            |                  |            |                  |            |                     |              |
| Basidiospores*                  |                  |            | 3                | 160        |                  |            | 20                  | 1,100        |
| Bipolaris/Drechslera group      |                  |            |                  |            |                  |            |                     |              |
| Botrytis                        |                  |            |                  |            |                  |            |                     |              |
| Chaetomium                      |                  |            |                  |            |                  |            | 1                   | 13           |
| Cladosporium                    |                  |            | 6                | 320        | 1                | 53         | 33                  | 1,200        |
| Curvularia                      |                  |            |                  |            |                  |            |                     |              |
| Epicoccum                       |                  |            |                  |            |                  |            |                     |              |
| Fusarium                        |                  |            |                  |            |                  |            |                     |              |
| Myrothecium                     |                  |            |                  |            |                  |            |                     |              |
| Nigrospora                      |                  |            |                  |            |                  |            |                     |              |
| Other colorless                 |                  |            |                  |            |                  |            |                     |              |
| Penicillium/Aspergillus types†  | 7                | 370        | 7                | 370        | 3                | 160        | 2                   | 110          |
| Pithomyces                      |                  |            |                  |            |                  |            |                     |              |
| Rusts*                          |                  |            |                  |            |                  |            | 4                   | 53           |
| Smuts*, Periconia, Myxomycetes* |                  |            | 2                | 27         |                  |            | 19                  | 250          |
| Spegazzinia                     |                  |            |                  |            |                  |            | 1                   | 13           |
| Stachybotrys                    |                  |            |                  |            |                  |            |                     |              |
| Stemphylium                     |                  |            |                  |            |                  |            | 1                   | 13           |
| Torula                          |                  |            |                  |            |                  |            |                     |              |
| Ulocladium                      |                  |            |                  |            |                  |            |                     |              |
| Zygomycetes                     |                  |            |                  |            |                  |            |                     |              |
| Background debris (1-4+)††      | 1+               |            | 1+               |            | 1+               |            | 2+                  |              |
| Hyphal fragments/m3             | < 13             |            | 27               |            | 13               |            | 210                 |              |
| Pollen/m3                       | < 13             |            | 13               |            | 13               |            | 110                 |              |
| Skin cells (1-4+)               | 1+               |            | 1+               |            | 1+               |            | < 1+                |              |
| Sample volume (liters)          | 75               |            | 75               |            | 75               |            | 75                  |              |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>370</b> |                  | <b>930</b> |                  | <b>210</b> |                     | <b>3,100</b> |

**Comments:** A) 14 of the raw count *Cladosporium* spores were present as a single clump.

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM301OUTWF**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | -            | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 1,700        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 210          | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Stemphylium                            | -            | 7                             | 13  | 67     | 7      | 7                                 | 13  | 67    | 9      |
| Torula                                 | 13           | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 430          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 960          | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Rusts                                  | -            | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 280          | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| Spiegazzinia                           | -            | 7                             | 13  | 170    | 1      | 7                                 | 13  | 67    | < 1    |
| <b>TOTAL SPORES/M3</b>                 | 3,593        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison**

**Outdoor Location: 20906001-TM313OUTWF**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | -            | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | 13           | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 1,200        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 110          | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Stemphylium                            | 13           | 7                             | 13  | 67     | 7      | 7                                 | 13  | 67    | 9      |
| Torula                                 | -            | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 430          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 1,100        | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Rusts                                  | 53           | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 250          | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| Spiegazzinia                           | 13           | 7                             | 13  | 170    | 1      | 7                                 | 13  | 67    | < 1    |
| <b>TOTAL SPORES/M3</b>                 | 3,182        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM301OUTWF:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Ascospores                    |                          |    |     | 430   | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 960   | 13 - 310 - 15,000                         | 91         |
| Cladosporium                  |                          |    |     | 1,700 | 27 - 510 - 8,900                          | 93         |
| Penicillium/Aspergillus types |                          |    |     | 210   | 27 - 210 - 2,500                          | 80         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 280   | 7 - 40 - 830                              | 69         |
| Torula                        |                          |    |     | 13    | 7 - 13 - 160                              | 11         |
| <b>Total</b>                  |                          |    |     | 3,593 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM302WF**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 4%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.4286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 107<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
|                              | Cladosporium  |                                    |  |                                | 110   |
|                              | Penicillium/Aspergillus types   |                                    |  |                                | 53    |
|                              | <b>Total</b>  |                                    |  |                                | 163   |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM303WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |            |
|-------------------------------|---|------------------------------------|--|--------------------------------|------------|
| Result: 7%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.8000                     | dF: 6<br>Result: 0.2857<br>Critical value: 0.7714<br>Outside Similar: No | Score: 123<br>Result: Low      |            |
| Species Detected              |   | Spores/m3                          |  |                                |            |
|                               |   | <100                               | 1K   | 10K                            | >100K      |
| Basidiospores                 |   |                                    |  |                                | 53         |
| Cladosporium                  |   |                                    |  |                                | 53         |
| Penicillium/Aspergillus types |   |                                    |  |                                | 160        |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13         |
| <b>Total</b>                  |   |                                    |  |                                | <b>279</b> |

**Location:** 20906001-TM304WF

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |            |
|------------------------------|---|------------------------------------|--|--------------------------------|------------|
| Result: 3%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.7143<br>Critical value: 0.7714<br>Outside Similar: No | Score: 104<br>Result: Low      |            |
| Species Detected             |   | Spores/m3                          |  |                                |            |
|                              |   | <100                               | 1K   | 10K                            | >100K      |
| Cladosporium                 |   |                                    |  |                                | 110        |
| <b>Total</b>                 |   |                                    |  |                                | <b>110</b> |

**Location:** 20906001-TM305WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |            |
|-------------------------------|---|------------------------------------|--|--------------------------------|------------|
| Result: 2%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.3286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 107<br>Result: Low      |            |
| Species Detected              |   | Spores/m3                          |  |                                |            |
|                               |   | <100                               | 1K   | 10K                            | >100K      |
| Cladosporium                  |   |                                    |  |                                | 53         |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53         |
| <b>Total</b>                  |   |                                    |  |                                | <b>106</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM306WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 1%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.0286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| <b>Species Detected</b>       |   | <b>Spores/m3</b>                   |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53    |
| <b>Total</b>                  |   |                                    |  |                                | 53    |

**Location:** 20906001-TM307WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 6%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.6667                     | dF: 6<br>Result: 0.6429<br>Critical value: 0.7714<br>Outside Similar: No | Score: 106<br>Result: Low      |       |
| <b>Species Detected</b>       |   | <b>Spores/m3</b>                   |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                 |   |                                    |  |                                | 53    |
| Cladosporium                  |   |                                    |  |                                | 110   |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53    |
| <b>Total</b>                  |   |                                    |  |                                | 216   |

**Location:** 20906001-TM308WF

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 10%                  | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.4444                     | dF: 7<br>Result: 0.5536<br>Critical value: 0.6786<br>Outside Similar: No | Score: 121<br>Result: Low      |       |
| <b>Species Detected</b>      |   | <b>Spores/m3</b>                   |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                |   |                                    |  |                                | 110   |
| Chaetomium                   |   |                                    |  |                                | 13    |
| Cladosporium                 |   |                                    |  |                                | 270   |
| <b>Total</b>                 |   |                                    |  |                                | 393   |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM309WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 8%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.7273                     | dF: 7<br>Result: 0.5804<br>Critical value: 0.6786<br>Outside Similar: No | Score: 121<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                 |   |                                    |  |                                | 110   |
| Chaetomium                    |   |                                    |  |                                | 13    |
| Cladosporium                  |   |                                    |  |                                | 110   |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 299   |

**Location:** 20906001-TM310WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 10%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2857                     | dF: 6<br>Result: 0.0286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 154<br>Result: Medium   |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Penicillium/Aspergillus types |   |                                    |  |                                | 370   |
| <b>Total</b>                  |   |                                    |  |                                | 370   |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM311WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 25%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.9091                     | dF: 6<br>Result: 0.4286<br>Critical value: 0.7714<br>Outside Similar: No | Score: 150<br>Result: Medium   |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Ascospores                    |   |                                    |  |                                | 53    |
| Basidiospores                 |   |                                    |  |                                | 160   |
| Cladosporium                  |   |                                    |  |                                | 320   |
| Penicillium/Aspergillus types |   |                                    |  |                                | 370   |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 27    |
| <b>Total</b>                  |   |                                    |  |                                | 930   |

**Location:** 20906001-TM312WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 5%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.5000                     | dF: 6<br>Result: 0.2000<br>Critical value: 0.7714<br>Outside Similar: No | Score: 124<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Penicillium/Aspergillus types |   |                                    |  |                                | 160   |
| <b>Total</b>                  |   |                                    |  |                                | 213   |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM313OUTWF:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Ascospores                    |                          |    |     | 430   | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     | 1,100 | 13 - 310 - 15,000                         | 91         |
| Chaetomium                    |                          |    |     | 13    | 7 - 13 - 130                              | 12         |
| Cladosporium                  |                          |    |     | 1,200 | 27 - 510 - 8,900                          | 93         |
| Penicillium/Aspergillus types |                          |    |     | 110   | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     | 53    | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     | 250   | 7 - 40 - 830                              | 69         |
| Spegazzinia                   |                          |    |     | 13    | 7 - 13 - 200                              | 2          |
| Stemphylium                   |                          |    |     | 13    | 7 - 13 - 67                               | 5          |
| <b>Total</b>                  |                          |    |     | 3,182 |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM302WF**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 5%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.3636                     | dF: 9<br>Result: 0.5833<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 107<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
|                              | Cladosporium  |                                    |   |                                | 110   |
|                              | Penicillium/Aspergillus types   |                                    |   |                                | 53    |
|                              | <b>Total</b>  |                                    |   |                                | 163   |

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**Location:** 20906001-TM303WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |            |
|-------------------------------|---|------------------------------------|---|--------------------------------|------------|
| Result: 8%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.6154                     | dF: 9<br>Result: 0.6792<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 124<br>Result: Low      |            |
| Species Detected              |   | Spores/m3                          |   |                                |            |
|                               |   | <100                               | 1K  | 10K                            | >100K      |
| Basidiospores                 |   |                                    |   |                                | 53         |
| Cladosporium                  |   |                                    |   |                                | 53         |
| Penicillium/Aspergillus types |   |                                    |   |                                | 160        |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13         |
| <b>Total</b>                  |   |                                    |   |                                | <b>279</b> |

**Location:** 20906001-TM304WF

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |            |
|------------------------------|---|------------------------------------|---|--------------------------------|------------|
| Result: 3%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2000                     | dF: 9<br>Result: 0.6667<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 104<br>Result: Low      |            |
| Species Detected             |   | Spores/m3                          |   |                                |            |
|                              |   | <100                               | 1K  | 10K                            | >100K      |
| Cladosporium                 |   |                                    |   |                                | 110        |
| <b>Total</b>                 |   |                                    |   |                                | <b>110</b> |

**Location:** 20906001-TM305WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |            |
|-------------------------------|---|------------------------------------|--|--------------------------------|------------|
| Result: 3%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.3636                     | dF: 9<br>Result: 0.5542<br>Critical value: 0.5833<br>Outside Similar: No | Score: 108<br>Result: Low      |            |
| Species Detected              |   | Spores/m3                          |  |                                |            |
|                               |   | <100                               | 1K   | 10K                            | >100K      |
| Cladosporium                  |   |                                    |  |                                | 53         |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53         |
| <b>Total</b>                  |   |                                    |  |                                | <b>106</b> |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM306WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 1%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2000                     | dF: 9<br>Result: 0.3667<br>Critical value: 0.5833<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53    |
| <b>Total</b>                  |   |                                    |  |                                | 53    |

**Location:** 20906001-TM307WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 6%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.5000                     | dF: 9<br>Result: 0.7333<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 107<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                 |   |                                    |   |                                | 53    |
| Cladosporium                  |   |                                    |   |                                | 110   |
| Penicillium/Aspergillus types |   |                                    |   |                                | 53    |
| <b>Total</b>                  |   |                                    |   |                                | 216   |

**Location:** 20906001-TM308WF

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 12%                  | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.5000                     | dF: 9<br>Result: 0.5792<br>Critical value: 0.5833<br>Outside Similar: No | Score: 118<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |  |                                |       |
|                              |   | <100                               | 1K   | 10K                            | >100K |
| Basidiospores                |   |                                    |  |                                | 110   |
| Chaetomium                   |   |                                    |  |                                | 13    |
| Cladosporium                 |   |                                    |  |                                | 270   |
| <b>Total</b>                 |   |                                    |  |                                | 393   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM309WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 9%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.7143                     | dF: 9<br>Result: 0.6667<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 119<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                 |   |                                    |   |                                | 110   |
| Chaetomium                    |   |                                    |   |                                | 13    |
| Cladosporium                  |   |                                    |   |                                | 110   |
| Penicillium/Aspergillus types |   |                                    |   |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 299   |

**Location:** 20906001-TM310WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 11%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.2000                     | dF: 9<br>Result: 0.3667<br>Critical value: 0.5833<br>Outside Similar: No | Score: 156<br>Result: Medium   |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Penicillium/Aspergillus types |   |                                    |  |                                | 370   |
| <b>Total</b>                  |   |                                    |  |                                | 370   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM311WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 29%                   | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.7143                     | dF: 9<br>Result: 0.8083<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 153<br>Result: Medium   |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Ascospores                    |   |                                    |   |                                | 53    |
| Basidiospores                 |   |                                    |   |                                | 160   |
| Cladosporium                  |   |                                    |   |                                | 320   |
| Penicillium/Aspergillus types |   |                                    |   |                                | 370   |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 27    |
| <b>Total</b>                  |   |                                    |   |                                | 930   |

**Location:** 20906001-TM312WF

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                     | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 6%                    | dF: 10<br>Result: 16.3258<br>Critical value: 18.3070<br>Inside Similar: Yes | Result: 0.3636                     | dF: 9<br>Result: 0.5167<br>Critical value: 0.5833<br>Outside Similar: No | Score: 124<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Penicillium/Aspergillus types |   |                                    |  |                                | 160   |
| <b>Total</b>                  |   |                                    |  |                                | 213   |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

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\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM303WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 1         | 53         |                            |     |     | 100   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | 3         | 160        |                            |     |     | 123   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | 1         | 53         |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13         |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>279</b> | <b>Final MoldSCORE 123</b> |     |     |       |

**Location:** 20906001-TM304WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Cladosporium                           |                         |    |     |       | 2         | 110        |                            |     |     | 104   |
| Curvularia                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Torula                                 |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Rusts                                  |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |                            |     |     | 100   |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> | <b>Final MoldSCORE 104</b> |     |     |       |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
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 Re: 20906001

Date of Sampling: 06-21-2009  
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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM305WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         | █          |     |     | 107                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 107</b> |

**Location:** 20906001-TM306WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53        | █          |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 108</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM307WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        |            |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         |            |     |     | 106                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>216</b> |            |     |     | <b>Final MoldSCORE 106</b> |

**Location:** 20906001-TM308WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             | █                       |    |     |       | 1         | 13         |            |     |     | 121                        |
| Cladosporium                           | █                       | █  |     |       | 5         | 270        |            |     |     | 105                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        |            |     |     | 101                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>393</b> |            |     |     | <b>Final MoldSCORE 121</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM309WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             | █                       |    |     |       | 1         | 13         | █          | █   |     | 121                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         | █          |     |     | 106                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        | █          |     |     | 103                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>299</b> |            |     |     | <b>Final MoldSCORE 121</b> |

**Location:** 20906001-TM310WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       | █  |     |       | 7         | 370        | █          | █   | █   | 154                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>370</b> |            |     |     | <b>Final MoldSCORE 154</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM311WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | █                       |    |     |       | 6         | 320        | 100                        |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 7         | 370        | 150                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           | █                       |    |     |       | 1         | 53         | 100                        |     |     |       |
| Basidiospores††                        | █                       |    |     |       | 3         | 160        | 100                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 2         | 27         | 100                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>930</b> | <b>Final MoldSCORE 150</b> |     |     |       |

**Location:** 20906001-TM312WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | 100                        |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 3         | 160        | 124                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>213</b> | <b>Final MoldSCORE 124</b> |     |     |       |

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### **MoldSCORE™: Spore Trap Report**

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

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**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM313OUTWF

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3    |
|--|--------------------------|----|-----|-------|-----------|--------------|
|  | <100                     | 1K | 10K | >100K |           |              |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |              |
| Alternaria                             |                          |    |     |       | ND        | < 13         |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13         |
| Chaetomium                             | █                        |    |     |       | 1         | 13           |
| Cladosporium                           | ██████████               |    |     |       | 33        | 1,200        |
| Curvularia                             |                          |    |     |       | ND        | < 13         |
| Nigrospora                             |                          |    |     |       | ND        | < 13         |
| Penicillium/Aspergillus types†         | █                        |    |     |       | 2         | 110          |
| Stachybotrys                           |                          |    |     |       | ND        | < 13         |
| Stemphylium                            | █                        |    |     |       | 1         | 13           |
| Torula                                 |                          |    |     |       | ND        | < 13         |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |              |
| Ascospores††                           | ██████                   |    |     |       | 8         | 430          |
| Basidiospores††                        | ██████████               |    |     |       | 20        | 1,100        |
| Rusts                                  | █                        |    |     |       | 4         | 53           |
| Smuts, Periconia, Myxomycetes††        | ████                     |    |     |       | 19        | 250          |
| Spegazzinia                            | █                        |    |     |       | 1         | 13           |
| <b>Total</b>                           |                          |    |     |       |           | <b>3,182</b> |

**Location:** 20906001-TM302WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  |
|--|-------------------------|----|-----|-------|-----------|------------|
|  | <100                    | 1K | 10K | >100K |           |            |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |
| Cladosporium                           | █                       |    |     |       | 2         | 110        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |
| Torula                                 |                         |    |     |       | ND        | < 13       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |
| Rusts                                  |                         |    |     |       | ND        | < 13       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |
| <b>Total</b>                           |                         |    |     |       |           | <b>163</b> |

| MoldSCORE‡             |     |     | Score      |
|------------------------|-----|-----|------------|
| 100                    | 200 | 300 |            |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 103        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 107        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| █                      |     |     | 100        |
| <b>Final MoldSCORE</b> |     |     | <b>107</b> |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
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 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM303WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 3         | 160        |            |     |     | 124                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>279</b> |            |     |     | <b>Final MoldSCORE 124</b> |

**Location:** 20906001-TM304WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        |            |     |     | 104                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>110</b> |            |     |     | <b>Final MoldSCORE 104</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM305WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | 1         | 53         |            |     |     | 101                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | 1         | 53         |            |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>106</b> |            |     |     | <b>Final MoldSCORE 108</b> |

**Location:** 20906001-TM306WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | 1         | 53        |            |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13      |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>53</b> |            |     |     | <b>Final MoldSCORE 108</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM307WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        |            |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         |            |     |     | 107                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores‡‡                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores‡‡                        | █                       |    |     |       | 1         | 53         |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes‡‡        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>216</b> |            |     |     | <b>Final MoldSCORE 107</b> |

**Location:** 20906001-TM308WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             | █                       |    |     |       | 1         | 13         |            |     |     | 118                        |
| Cladosporium                           | █                       | █  |     |       | 5         | 270        |            |     |     | 108                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores‡‡                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores‡‡                        | █                       |    |     |       | 2         | 110        |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes‡‡        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>393</b> |            |     |     | <b>Final MoldSCORE 118</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM309WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | 1         | 13         |            |     |     | 119                        |
| Cladosporium                           |                         |    |     |       | 2         | 110        |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | 1         | 53         |            |     |     | 107                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | 2         | 110        |            |     |     | 101                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | 1         | 13         |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>299</b> |            |     |     | <b>Final MoldSCORE 119</b> |

**Location:** 20906001-TM310WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | 7         | 370        |            |     |     | 156                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |            |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>370</b> |            |     |     | <b>Final MoldSCORE 156</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM311WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | ■                       | ■  |     |       | 6         | 320        | 100                        |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Penicillium/Aspergillus types†         | ■                       | ■  |     |       | 7         | 370        | 153                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           | ■                       |    |     |       | 1         | 53         | 100                        |     |     |       |
| Basidiospores††                        | ■                       |    |     |       | 3         | 160        | 100                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        | ■                       |    |     |       | 2         | 27         | 100                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>930</b> | <b>Final MoldSCORE 153</b> |     |     |       |

**Location:** 20906001-TM312WF

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡                 |     |     |       |
|--|-------------------------|----|-----|-------|-----------|------------|----------------------------|-----|-----|-------|
|  | <100                    | 1K | 10K | >100K |           |            | 100                        | 200 | 300 | Score |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |                            |     |     |       |
| Alternaria                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Cladosporium                           | ■                       |    |     |       | 1         | 53         | 100                        |     |     |       |
| Curvularia                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Penicillium/Aspergillus types†         | ■                       |    |     |       | 3         | 160        | 124                        |     |     |       |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Torula                                 |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |                            |     |     |       |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Rusts                                  |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | 100                        |     |     |       |
| <b>Total</b>                           |                         |    |     |       |           | <b>213</b> | <b>Final MoldSCORE 124</b> |     |     |       |

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Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

### **MoldSCORE™: Spore Trap Report**

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.





**EMLab P&K**

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Report for:

**Mr. Wes Frey**  
**Hygiene Technologies International, Inc.: Northern California**  
3127 Bowen Island Street  
West Sacramento, CA 95691

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Regarding:      Project: 20906001  
                         EML ID: 553434

Approved by:

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 06-22-2009

Project SOPs: Spore trap analysis (I100000)

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This coversheet is included with your report in order to comply with AIHA and ISO accreditation requirements.

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank corrections of results is not a standard practice. The results relate only to the items tested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM401AR |            | 20906001-TM402AR |              | 20906001-TM403AR |            | 20906001-TM404AR |            |
|---------------------------------|------------------|------------|------------------|--------------|------------------|------------|------------------|------------|
| Comments (see below)            | None             |            | None             |              | None             |            | None             |            |
| Lab ID-Version‡:                | 2455997-1        |            | 2455998-1        |              | 2455999-1        |            | 2456000-1        |            |
|                                 | raw ct.          | spores/m3  | raw ct.          | spores/m3    | raw ct.          | spores/m3  | raw ct.          | spores/m3  |
| Alternaria                      |                  |            |                  |              |                  |            |                  |            |
| Arthrinium                      |                  |            |                  |              |                  |            |                  |            |
| Ascospores*                     |                  |            | 1                | 53           |                  |            |                  |            |
| Aureobasidium                   |                  |            |                  |              |                  |            |                  |            |
| Basidiospores*                  | 2                | 110        | 4                | 210          | 1                | 53         |                  |            |
| Bipolaris/Drechslera group      |                  |            |                  |              |                  |            |                  |            |
| Botrytis                        |                  |            |                  |              |                  |            |                  |            |
| Chaetomium                      |                  |            |                  |              |                  |            |                  |            |
| Cladosporium                    | 2                | 110        | 16               | 850          | 2                | 110        | 1                | 53         |
| Curvularia                      |                  |            |                  |              |                  |            |                  |            |
| Epicoccum                       |                  |            |                  |              |                  |            |                  |            |
| Fusarium                        |                  |            |                  |              |                  |            |                  |            |
| Myrothecium                     |                  |            |                  |              |                  |            |                  |            |
| Nigrospora                      |                  |            | 1                | 13           |                  |            |                  |            |
| Other colorless                 |                  |            |                  |              |                  |            |                  |            |
| Penicillium/Aspergillus types†  | 1                | 53         | 1                | 53           |                  |            | 1                | 53         |
| Pithomyces                      |                  |            |                  |              |                  |            |                  |            |
| Rusts*                          |                  |            |                  |              |                  |            |                  |            |
| Smuts*, Periconia, Myxomycetes* |                  |            | 4                | 53           |                  |            |                  |            |
| Stachybotrys                    |                  |            |                  |              |                  |            |                  |            |
| Stemphylium                     |                  |            |                  |              |                  |            |                  |            |
| Torula                          |                  |            | 1                | 13           |                  |            | 1                | 13         |
| Ulocladium                      |                  |            |                  |              |                  |            |                  |            |
| Zygomycetes                     |                  |            |                  |              |                  |            |                  |            |
| Background debris (1-4+)††      | 2+               |            | 4+               |              | 1+               |            | 1+               |            |
| Hyphal fragments/m3             | < 13             |            | 80               |              | < 13             |            | < 13             |            |
| Pollen/m3                       | 40               |            | 27               |              | < 13             |            | < 13             |            |
| Skin cells (1-4+)               | 1+               |            | 1+               |              | 1+               |            | 1+               |            |
| Sample volume (liters)          | 75               |            | 75               |              | 75               |            | 75               |            |
| <b>§ TOTAL SPORE/m3</b>         |                  | <b>270</b> |                  | <b>1,300</b> |                  | <b>160</b> |                  | <b>120</b> |

**Comments:**

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

| Location:                       | 20906001-TM405AR |           | 20906001-TM406AR |           | 20906001-TM407AR |           | 20906001-TM408OUTAR |           |
|---------------------------------|------------------|-----------|------------------|-----------|------------------|-----------|---------------------|-----------|
| Comments (see below)            | A                |           | None             |           | None             |           | None                |           |
| Lab ID-Version‡:                | 2456001-1        |           | 2456002-1        |           | 2456003-1        |           | 2456004-1           |           |
|                                 | raw ct.          | spores/m3 | raw ct.          | spores/m3 | raw ct.          | spores/m3 | raw ct.             | spores/m3 |
| Alternaria                      |                  |           |                  |           |                  |           | 2                   | 27        |
| Arthrinium                      |                  |           |                  |           |                  |           |                     |           |
| Ascospores*                     |                  |           |                  |           |                  |           | 7                   | 370       |
| Aureobasidium                   |                  |           |                  |           |                  |           |                     |           |
| Basidiospores*                  |                  |           | 2                | 110       |                  |           | 27                  | 1,400     |
| Bipolaris/Drechslera group      |                  |           |                  |           |                  |           |                     |           |
| Botrytis                        |                  |           |                  |           |                  |           |                     |           |
| Chaetomium                      |                  |           |                  |           |                  |           |                     |           |
| Cladosporium                    |                  |           | 3                | 160       |                  |           | 38                  | 2,000     |
| Curvularia                      |                  |           |                  |           |                  |           |                     |           |
| Epicoccum                       |                  |           |                  |           |                  |           |                     |           |
| Fusarium                        |                  |           |                  |           |                  |           |                     |           |
| Myrothecium                     |                  |           |                  |           |                  |           |                     |           |
| Nigrospora                      |                  |           |                  |           |                  |           |                     |           |
| Other colorless                 |                  |           |                  |           |                  |           |                     |           |
| Penicillium/Aspergillus types†  |                  |           |                  |           |                  |           | 2                   | 110       |
| Pithomyces                      |                  |           |                  |           |                  |           |                     |           |
| Rusts*                          |                  |           |                  |           | 2                | 27        | 23                  | 310       |
| Smuts*, Periconia, Myxomycetes* |                  |           | 1                | 13        | 1                | 13        | 19                  | 250       |
| Stachybotrys                    |                  |           |                  |           |                  |           |                     |           |
| Stemphylium                     |                  |           |                  |           |                  |           |                     |           |
| Torula                          |                  |           |                  |           |                  |           | 2                   | 27        |
| Ulocladium                      |                  |           |                  |           |                  |           |                     |           |
| Zygomycetes                     |                  |           |                  |           |                  |           |                     |           |
| Background debris (1-4+)††      | 1+               |           | 1+               |           | 1+               |           | 2+                  |           |
| Hyphal fragments/m3             | 13               |           | 13               |           | < 13             |           | 110                 |           |
| Pollen/m3                       | < 13             |           | < 13             |           | < 13             |           | 27                  |           |
| Skin cells (1-4+)               | 1+               |           | 1+               |           | 1+               |           | < 1+                |           |
| Sample volume (liters)          | 75               |           | 75               |           | 75               |           | 75                  |           |
| <b>§ TOTAL SPORE/m3</b>         |                  | < 13      |                  | 280       |                  | 40        |                     | 4,600     |

Comments: A) No spores detected.

\* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for samples volumes when evaluating dust levels.

The Limit of Detection is the product of a raw count of 1 and 100 divided by the percent read. The analytical sensitivity (counts/m3) is the product of the Limit of Detection and 1000 divided by the sample volume.

‡ A "Version" greater than 1 indicates amended data.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.  
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: Hygiene Technologies International, Inc.:  
Northern California  
C/O: Mr. Wes Frey  
Re: 20906001

Date of Sampling: 06-21-2009  
Date of Receipt: 06-22-2009  
Date of Report: 06-22-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 20906001-TM408OUTAR**

| Fungi Identified                       | Outdoor data | Typical Outdoor Data by Date† |     |        |        | Typical Outdoor Data by Location‡ |     |       |        |
|--|--------------|-------------------------------|-----|--------|--------|-----------------------------------|-----|-------|--------|
|  |              | Month: June                   |     |        |        | State: CA                         |     |       |        |
|  | spores/m3    | low                           | med | high   | freq % | low                               | med | high  | freq % |
| <b>Generally able to grow indoors*</b> |              |                               |     |        |        |                                   |     |       |        |
| Alternaria                             | 27           | 7                             | 40  | 380    | 65     | 7                                 | 27  | 220   | 57     |
| Bipolaris/Drechslera group             | -            | 7                             | 13  | 180    | 18     | 7                                 | 13  | 120   | 13     |
| Chaetomium                             | -            | 7                             | 13  | 120    | 15     | 7                                 | 13  | 120   | 19     |
| Cladosporium                           | 2,000        | 53                            | 650 | 8,600  | 97     | 53                                | 630 | 6,700 | 97     |
| Curvularia                             | -            | 7                             | 13  | 460    | 13     | 7                                 | 13  | 230   | 7      |
| Nigrospora                             | -            | 7                             | 13  | 160    | 10     | 7                                 | 13  | 170   | 8      |
| Penicillium/Aspergillus types          | 110          | 27                            | 190 | 2,100  | 79     | 33                                | 210 | 2,500 | 86     |
| Stachybotrys                           | -            | 7                             | 13  | 350    | 3      | 7                                 | 13  | 290   | 5      |
| Torula                                 | 27           | 7                             | 13  | 160    | 16     | 7                                 | 13  | 150   | 12     |
| <b>Seldom found growing indoors**</b>  |              |                               |     |        |        |                                   |     |       |        |
| Ascospores                             | 370          | 13                            | 190 | 7,200  | 82     | 13                                | 110 | 1,900 | 71     |
| Basidiospores                          | 1,400        | 13                            | 270 | 15,000 | 93     | 13                                | 210 | 7,000 | 93     |
| Rusts                                  | 310          | 7                             | 13  | 210    | 27     | 7                                 | 13  | 250   | 28     |
| Smuts, Periconia, Myxomycetes          | 250          | 10                            | 58  | 1,300  | 81     | 8                                 | 40  | 490   | 70     |
| <b>TOTAL SPORES/M3</b>                 | 4,494        |                               |     |        |        |                                   |     |       |        |

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/m3. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

‡ The Typical Outdoor Data by Location represents the typical outdoor spore levels for the region indicated for the entire year. As with the Typical Outdoor Data by Date, the four columns represent the frequency of occurrence and the typical low, medium, and high concentration values for the spore type indicated. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. In addition, EMLab P&K may not have received and tested a representative number of samples for every region or time period. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the use or interpretation of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Outdoor Summary: 20906001-TM408OUTAR:**

| Species detected              | Outdoor sample spores/m3 |    |     |       | Typical outdoor ranges<br>(North America) | Freq.<br>% |
|-------------------------------|--------------------------|----|-----|-------|---|------------|
|                               | <100                     | 1K | 10K | >100K |   |            |
| Alternaria                    |                          |    |     |       | 7 - 27 - 400                              | 52         |
| Ascospores                    |                          |    |     |       | 13 - 160 - 4,500                          | 76         |
| Basidiospores                 |                          |    |     |       | 13 - 310 - 15,000                         | 91         |
| Cladosporium                  |                          |    |     |       | 27 - 510 - 8,900                          | 93         |
| Penicillium/Aspergillus types |                          |    |     |       | 27 - 210 - 2,500                          | 80         |
| Rusts                         |                          |    |     |       | 7 - 15 - 310                              | 22         |
| Smuts, Periconia, Myxomycetes |                          |    |     |       | 7 - 40 - 830                              | 69         |
| Torula                        |                          |    |     |       | 7 - 13 - 160                              | 11         |
| <b>Total</b>                  |                          |    |     |       |   |            |

The "Typical outdoor ranges" and "Freq. %" columns show the typical low, medium, and high spore counts per cubic meter and the frequency of occurrence for the given spore type. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values when the spore type is detected. For example, if the low value is 53 and the frequency of occurrence is 63%, it would mean that we typically detect the given spore type on 63 percent of all outdoor samples and, when detected, 2.5% of the time it is present in levels below 53 spores/m3.

**Indoor Samples**

**Location: 20906001-TM401AR**

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 6%                   | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.5455                     | dF: 8<br>Result: 0.6667<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 107<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
|                              | Basidiospores   |                                    |   |                                | 110   |
|                              | Cladosporium  |                                    |   |                                | 110   |
|                              | Penicillium/Aspergillus types   |                                    |   |                                | 53    |
|                              | <b>Total</b>  |                                    |   |                                | 273   |

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM402AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 27%                   | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.8000                     | dF: 9<br>Result: 0.7125<br>Critical value: 0.5833<br>Outside Similar: Yes | Score: 119<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Ascospores                    |   |                                    |   |                                | 53    |
| Basidiospores                 |   |                                    |   |                                | 210   |
| Cladosporium                  |   |                                    |   |                                | 850   |
| Nigrospora                    |   |                                    |   |                                | 13    |
| Penicillium/Aspergillus types |   |                                    |   |                                | 53    |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 53    |
| Torula                        |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 1,245 |

**Location:** 20906001-TM403AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 3%                   | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.4000                     | dF: 8<br>Result: 0.7976<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 102<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                |   |                                    |   |                                | 53    |
| Cladosporium                 |   |                                    |   |                                | 110   |
| <b>Total</b>                 |   |                                    |   |                                | 163   |

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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM404AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: 2%                    | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.5455                     | dF: 8<br>Result: 0.1310<br>Critical value: 0.6190<br>Outside Similar: No | Score: 108<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Cladosporium                  |   |                                    |  |                                | 53    |
| Penicillium/Aspergillus types |   |                                    |  |                                | 53    |
| Torula                        |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 119   |

**Location:** 20906001-TM405AR

| % of outdoor total spores/m3 | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                         | MoldSCORE**** (indoor/outdoor) |       |
|------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: < 1%                 | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.0000                     | dF: N/A<br>Result: N/A<br>Critical value: N/A<br>Outside Similar: N/A | Score: 100<br>Result: Low      |       |
| Species Detected             |   | Spores/m3                          |   |                                |       |
|                              |   | <100                               | 1K  | 10K                            | >100K |
| <b>None Detected</b>         |   |                                    |   |                                | N/A   |

**Location:** 20906001-TM406AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                             | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|---|--------------------------------|-------|
| Result: 6%                    | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.5455                     | dF: 8<br>Result: 0.7440<br>Critical value: 0.6190<br>Outside Similar: Yes | Score: 102<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |   |                                |       |
|                               |   | <100                               | 1K  | 10K                            | >100K |
| Basidiospores                 |   |                                    |   |                                | 110   |
| Cladosporium                  |   |                                    |   |                                | 160   |
| Smuts, Periconia, Myxomycetes |   |                                    |   |                                | 13    |
| <b>Total</b>                  |   |                                    |   |                                | 283   |

Client: Hygiene Technologies International, Inc.:  
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Date of Sampling: 06-21-2009  
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**MoldSTAT™: Supplementary Statistical Spore Trap Report**

**Location:** 20906001-TM407AR

| % of outdoor total spores/m3  | Friedman chi-square* (indoor variation)                                   | Agreement ratio** (indoor/outdoor) | Spearman rank correlation*** (indoor/outdoor)                            | MoldSCORE**** (indoor/outdoor) |       |
|-------------------------------|---|------------------------------------|--|--------------------------------|-------|
| Result: < 1%                  | dF: 6<br>Result: 13.4330<br>Critical value: 12.5916<br>Inside Similar: No | Result: 0.4000                     | dF: 8<br>Result: 0.2262<br>Critical value: 0.6190<br>Outside Similar: No | Score: 102<br>Result: Low      |       |
| Species Detected              |   | Spores/m3                          |  |                                |       |
|                               |   | <100                               | 1K   | 10K                            | >100K |
| Rusts                         |   |                                    |  |                                | 27    |
| Smuts, Periconia, Myxomycetes |   |                                    |  |                                | 13    |
| <b>Total</b>                  |   |                                    |  |                                | 40    |

\* The Friedman chi-square statistic is a non-parametric test that examines variation in a set of data (in this case, all indoor spore counts). The null hypothesis (H0) being tested is that there is no meaningful difference in the data for all indoor locations. The alternative hypothesis (used if the test disproves the null hypothesis) is that there is a difference between the indoor locations. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\* An agreement ratio is a simple method for assessing the similarity of two samples (in this case the indoor sample and the outdoor summary) based on the spore types present. A score of one indicates that the types detected in one location are the same as that in the other. A score of zero indicates that none of the types detected indoors are present outdoors. Typically, an agreement of 0.8 or higher is considered high.

\*\*\* The Spearman rank correlation is a non-parametric test that examines correlation between two sets of data (in this case the indoor location and the outdoor summary). The null hypothesis (H0) being tested is that the indoor and outdoor samples are unrelated. The alternative hypothesis (used if the test disproves the null hypothesis) is that the samples are similar. The null hypothesis is rejected when the result of the test is greater than the critical value. The critical value that is displayed is based on the degrees of freedom (dF) of the test and a significance level of 0.05.

\*\*\*\* MoldSCORE™ is a specialized method for examining air sampling data. It is a score between 100 and 300, with 100 indicating a greater likelihood that the airborne indoor spores originated from the outside, and 300 indicating a greater likelihood that they originated from an inside source. The Result displayed is based on the numeric score given and will be either Low, Medium, or High, indicating a low, medium, or high likelihood that the spores detected originated from an indoor source. EMLab P&K reserves the right to, and may at anytime, modify or change the MoldScore algorithm without notice.

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor ranges" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling techniques, contaminants infecting samples, unrepresentative samples and other similar or dissimilar factors may affect these results. With the statistical analysis provided, as with all statistical comparisons and analyses, false-positive and false-negative results can and do occur. EMLab P&K hereby disclaims any liability for any and all direct, indirect, punitive, incidental, special or consequential damages arising out of the data contained in, or any actions taken or omitted in reliance upon, this report.

Client: Hygiene Technologies International, Inc.:  
 Northern California  
 C/O: Mr. Wes Frey  
 Re: 20906001

Date of Sampling: 06-21-2009  
 Date of Receipt: 06-22-2009  
 Date of Report: 06-22-2009

**MoldSCORE™: Spore Trap Report**

**Outdoor Sample:** 20906001-TM408OUTAR

| Fungi Identified                       | Outdoor sample spores/m3 |    |     |       | Raw count | Spores/m3    |
|--|--------------------------|----|-----|-------|-----------|--------------|
|  | <100                     | 1K | 10K | >100K |           |              |
| <b>Generally able to grow indoors*</b> |                          |    |     |       |           |              |
| Alternaria                             |                          |    |     |       | 2         | 27           |
| Bipolaris/Drechslera group             |                          |    |     |       | ND        | < 13         |
| Chaetomium                             |                          |    |     |       | ND        | < 13         |
| Cladosporium                           |                          |    |     |       | 38        | 2,000        |
| Curvularia                             |                          |    |     |       | ND        | < 13         |
| Nigrospora                             |                          |    |     |       | ND        | < 13         |
| Penicillium/Aspergillus types†         |                          |    |     |       | 2         | 110          |
| Stachybotrys                           |                          |    |     |       | ND        | < 13         |
| Torula                                 |                          |    |     |       | 2         | 27           |
| <b>Seldom found growing indoors**</b>  |                          |    |     |       |           |              |
| Ascospores††                           |                          |    |     |       | 7         | 370          |
| Basidiospores††                        |                          |    |     |       | 27        | 1,400        |
| Rusts                                  |                          |    |     |       | 23        | 310          |
| Smuts, Periconia, Myxomycetes††        |                          |    |     |       | 19        | 250          |
| <b>Total</b>                           |                          |    |     |       |           | <b>4,494</b> |

**Location:** 20906001-TM401AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  |
|--|-------------------------|----|-----|-------|-----------|------------|
|  | <100                    | 1K | 10K | >100K |           |            |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |
| Alternaria                             |                         |    |     |       | ND        | < 13       |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       |
| Chaetomium                             |                         |    |     |       | ND        | < 13       |
| Cladosporium                           |                         |    |     |       | 2         | 110        |
| Curvularia                             |                         |    |     |       | ND        | < 13       |
| Nigrospora                             |                         |    |     |       | ND        | < 13       |
| Penicillium/Aspergillus types†         |                         |    |     |       | 1         | 53         |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       |
| Torula                                 |                         |    |     |       | ND        | < 13       |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       |
| Basidiospores††                        |                         |    |     |       | 2         | 110        |
| Rusts                                  |                         |    |     |       | ND        | < 13       |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       |
| <b>Total</b>                           |                         |    |     |       |           | <b>273</b> |

| MoldSCORE‡             |     |     |            |
|------------------------|-----|-----|------------|
| 100                    | 200 | 300 | Score      |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 107        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 100        |
|                        |     |     | 103        |
|                        |     |     | 100        |
|                        |     |     | 100        |
| <b>Final MoldSCORE</b> |     |     | <b>107</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM402AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3    | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|--------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |              | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |              |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Cladosporium                           | █                       | █  | █   | █     | 16        | 850          | █          |     |     | 119                        |
| Curvularia                             |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Nigrospora                             | █                       |    |     |       | 1         | 13           | █          |     |     | 105                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53           | █          |     |     | 104                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Torula                                 | █                       |    |     |       | 1         | 13           | █          |     |     | 102                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |              |            |     |     |                            |
| Ascospores††                           | █                       |    |     |       | 1         | 53           | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 4         | 210          | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13         | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 4         | 53           | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>1,245</b> |            |     |     | <b>Final MoldSCORE 119</b> |

**Location:** 20906001-TM403AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 2         | 110        | █          |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>163</b> |            |     |     | <b>Final MoldSCORE 102</b> |

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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM404AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 1         | 53         | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         | █                       |    |     |       | 1         | 53         | █          |     |     | 108                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 | █                       |    |     |       | 1         | 13         | █          |     |     | 105                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>119</b> |            |     |     | <b>Final MoldSCORE 108</b> |

**Location:** 20906001-TM405AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>N/A</b> |            |     |     | <b>Final MoldSCORE 100</b> |

Client: Hygiene Technologies International, Inc.:  
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**MoldSCORE™: Spore Trap Report**

**Location:** 20906001-TM406AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3  | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|------------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |            | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |            |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Cladosporium                           | █                       |    |     |       | 3         | 160        | █          |     |     | 102                        |
| Curvularia                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |            |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Basidiospores††                        | █                       |    |     |       | 2         | 110        | █          |     |     | 102                        |
| Rusts                                  |                         |    |     |       | ND        | < 13       | █          |     |     | 100                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13         | █          |     |     | 100                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>283</b> |            |     |     | <b>Final MoldSCORE 102</b> |

**Location:** 20906001-TM407AR

| Fungi Identified                       | Indoor sample spores/m3 |    |     |       | Raw count | Spores/m3 | MoldSCORE‡ |     |     |                            |
|--|-------------------------|----|-----|-------|-----------|-----------|------------|-----|-----|----------------------------|
|  | <100                    | 1K | 10K | >100K |           |           | 100        | 200 | 300 | Score                      |
| <b>Generally able to grow indoors*</b> |                         |    |     |       |           |           |            |     |     |                            |
| Alternaria                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Bipolaris/Drechslera group             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Chaetomium                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Cladosporium                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Curvularia                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Nigrospora                             |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Penicillium/Aspergillus types†         |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Stachybotrys                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Torula                                 |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| <b>Seldom found growing indoors**</b>  |                         |    |     |       |           |           |            |     |     |                            |
| Ascospores††                           |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Basidiospores††                        |                         |    |     |       | ND        | < 13      | █          |     |     | 100                        |
| Rusts                                  | █                       |    |     |       | 2         | 27        | █          |     |     | 110                        |
| Smuts, Periconia, Myxomycetes††        | █                       |    |     |       | 1         | 13        | █          |     |     | 102                        |
| <b>Total</b>                           |                         |    |     |       |           | <b>40</b> |            |     |     | <b>Final MoldSCORE 102</b> |

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### **MoldSCORE™: Spore Trap Report**

\*The spores in this category are generally capable of growing on wet building materials in addition to growing outdoors. Building related growth is dependent upon the fungal type, moisture level, type of material, and other factors. *Cladosporium* is one of the predominant spore types worldwide and is frequently present in high numbers. *Penicillium/Aspergillus* species colonize both outdoor and indoor wet surfaces rapidly and are very easily dispersed. Other genera are usually present in lesser numbers.

\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological type of basidiospore on an inside sample should be considered significant.

†The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods.

††Most of these spore types are not seen with culturable methods (Anderson sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores.

‡Rated on a scale from 100 to 300. A rating less than 150 is low and indicates a low probability of spores originating inside. A rating greater than 250 is high and indicates a high probability that the spores originated from inside, presumably from indoor mold growth. A rating between 150 and 250 indicates a moderate likelihood of indoor fungal growth. MoldSCORE is NOT intended for wall cavity samples. It is intended for ambient air samples in residences. Using the analysis on other samples (like wall cavity samples) will lead to misleading results.

