HYGIENETECH
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July 18, 2008

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

Document No. 20803001.2 Revised

Attention: David Gau

Regarding: Limited Indoor Air Quality Survey
7TH Floor

Dear Mr. Gau:

On various dates in March and April of 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited indoor air quality survey on the 7TH Floor of the California State Board of Equalization building located at the above referenced address. At the time of the survey, various samples were collected and direct-reading instruments were used to assess the general indoor air quality, with a clear emphasis on establishing fungal growth exposure potential data. I have enclosed our report, which included general observations, samples and direct-reading results, a discussion of the data, conclusions, and recommendations.

If you have any comments or questions regarding the information contained in this report, please do not hesitate to contact our offices directly at (310) 370-8370.

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

Brian P. Daly, CIH, PE
President

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LIMITED INDOOR AIR QUALITY SURVEY

450 N STREET – 7TH FLOOR
SACRAMENTO, CALIFORNIA

PREPARED FOR:

CALIFORNIA STATE BOARD OF EQUALIZATION
450 N STREET
SACRAMENTO, CALIFORNIA

PREPARED BY:

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.
3625 DEL AMO BOULEVARD, SUITE 180
TORRANCE, CALIFORNIA

JULY 18, 2008

1.0 BACKGROUND

On various dates in March and April of 2008, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) conducted a limited indoor air quality survey on the 7TH Floor of the California State Board of Equalization Building located at 450 N Street in Sacramento, California. During the survey, a variety of samples were collected and direct-reading instruments were used to assess the general indoor air quality on the 7TH Floor of the subject building. Various air and surface samples were collected in order to assess fungal growth exposure potentials and to establish fungal growth assessment information on selected building material surfaces. In addition, air samples were collected throughout the floor for fibrous dust, microbial volatile organic compounds (MVOCs), and total dust analysis and direct-reading instruments were used to determine airborne volatile organic compounds (VOCs), carbon dioxide (CO_2), ozone (O_3), air temperature, and relative humidity.

2.0 OBSERVATIONS

The interior building materials of the 7TH Floor included, but were not limited to, metal window frames; painted gypsum board and/or metal window sills; metal doorjambs and door frames; painted gypsum board walls in the general work areas; tile covered walls and painted gypsum board ceilings in the restrooms; suspended 2' by 4' ceiling tiles in the general work areas; vinyl cove base; carpet flooring in the general work areas; and ceramic or vinyl tile flooring in the restrooms and break rooms.

The furnishings in the surveyed areas included desks, upholstered chairs, shelves, fabric covered cubicles, office supplies, computers, and other electronic office equipment. The furnishings did not appear to support fungal growth, nor did they appear to have been affected in any other manner by water intrusion.

3.0 SAMPLING AND ANALYSIS

Air samples were collected and 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. Other samples were collected for airborne fibers, MVOCs, and total dust determinations using SKC® brand Airchek® 52 sampling pumps and the appropriate sampling media. Pump flow rates were established and verified using a BIOS DryCal DC-Lite primary flow meter. Those samples were collected and analyzed along with blanks (identical sampling media through which no air was drawn), when necessary, at laboratories accredited by the American Industrial Hygiene Association (AIHA) through successful participation in the National Institute for Occupational Safety and Health (NIOSH) Proficiency Analytical Testing Program. Direct-reading instruments were used to determine airborne O_3, and VOC levels, the results of which appear in Table 20803001-116 in Appendix A of this report. A discussion of the airborne CO_2 data, along with air temperature and relative humidity results, appears in Section 4.0 of this report. Additional information concerning the specific sampling and analytical methods appears below.

3.0 SAMPLING AND ANALYSIS (CONTINUED)

3.1 Airborne Total Fungi

Air samples for airborne total (viable and nonviable) fungi determinations were collected using Zefon brand Bio-Pumps™ equipped with Allergenco-D™ cassettes. Such samples were collected at various 7TH Floor locations and samples were also collected outdoors on the applicable survey date for comparison purposes. The resultant data, which are presented in spores/M^3, appear in Table 20803001-110.

3.2 Airborne Viable Fungi

Air samples for airborne viable fungi determinations were collected on malt extract agar (MEA) using a Gast brand high volume air-sampling pump equipped with an Aerotech 6™ Single Stage Bioaerosol Sampler. Two outdoor samples were also collected on the applicable survey date for comparison purpose. The media was incubated prior to enumeration of colony-forming units per agar plate and the resultant data, presented in colony forming units per cubic meter of air (CFU/ M^3), can be found in Table 20803001-111.

3.3 Surface Fungi Growth Potentials

Surface samples were collected for fungal growth assessment using Scotch® brand cellophane tape segments affixed to microscope slides. Additionally, surface fungi samples were collected from various heating, ventilating, and air conditioning (HVAC) supply air register surfaces using Healthlink® Transporters™ (Rayon tipped swabs immersed in 0.5 ml modified Stuart's transport medium). These data are presented in Table 20803001-112.

3.4 Airborne Fibrous Dust

Area air samples for fibrous dust were collected at stationary locations on 25-millimeter diameter, 0.8-micrometer pore size, mixed cellulose ester filters. The samples were analyzed by phase contrast microscopy (PCM) in accordance with the NIOSH Method 7400. These data are presented in fibers per cubic centimeter (f/cc) of air in Table 20803001-113.

3.5 Airborne Total Dust

Area air samples for total dust determination were collected at stationary locations on filter cassettes containing pre-weighed 37-millimeter diameter, polyvinyl chloride filters having a pore size of five micrometers. The samples were analyzed by gravimetric method in accordance with the NIOSH Method 0500. These data are presented in milligrams per cubic meter of air (mg/M^3) and appear in 20803001-114.

3.6 Microbial Volatile Organic Compounds

Area samples for MVOCs were collected on solid sorbent tubes equipped with Sagelock fittings. The samples were analyzed by gas chromatography/ mass spectrometry, modified for MVOCs following the AIHA field guide. These data are presented in mg/M^3 and appear in Table 20803001-115.

3.0 SAMPLING AND ANALYSIS (CONTINUED)

3.7 Airborne Volatile Organic Compounds

Direct-reading air measurements for VOCs were also recorded at various locations on the 7TH Floor using a RAE Systems, Inc. Mini-RAE 2000 photoionization detector, which is capable of detecting a wide variety of unsaturated hydrocarbons at airborne concentrations ranging from 0.1 to 10,000 parts per million (ppm). Prior to the survey, this instrument was calibrated using a 100-ppm isobutylene gas standard. These data are presented in parts per million (ppm).

3.8 Airborne Ozone

Direct-reading air measurements for O_3 were recorded at various locations using a Dräger colorimetric detector tube apparatus with the appropriate detector tubes. The data are presented in ppm.

3.9 Airborne Carbon Dioxide

Direct-reading air measurements for airborne CO_2 concentrations were recorded at a stationary location using a Telaire®7001 Carbon Dioxide and Temperature Monitor along with the HOBO® data logger. The data are presented in ppm.

3.10 Air Temperature and Relative Humidity

Air temperature and relative humidity data were recorded at a stationary location using a Telaire®7001 Carbon Dioxide and Temperature Monitor along with the HOBO® data logger.

4.0 DISCUSSION

4.1 Airborne Total Fungi

The airborne total fungi data showed common spore types outdoors, such as *Alternaria*, ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Epicoccum*, *Oidium*, other brown, rusts, and smuts, with basidiospores predominating in both samples. Indoors, the data showed airborne concentrations of common fungal spores that included one or more of the following: *Alternaria,* ascospores, basidiospores, *Bipolaris/Drechslera* group, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Epicoccum*, other brown, rust, and/or smuts. Indoors, the distribution of fungal spore types detected in the surveyed areas was generally consistent with those found outdoors, and the overall data within the tested areas were generally well below the overall data recorded outdoors. Note, however, that an above-background level of colorless spores typical of *Penicillium* and *Aspergillus* species was detected in Cubicle 96.03.

4.0 DISCUSSION (CONTINUED)

4.2 Airborne Viable Fungi

The viable fungi data recorded outdoors showed an overall level of 442 CFU/M^3 in both samples, with *Cladosporium* predominating. Indoors, low levels of common fungi were found including *Aspergillus fumigatus*, *A. niger*, *Aureobasidium*, *Cladosporium*, non-sporulating fungi, *Penicillium*, and/or yeasts. However, note that a slightly above-background level of *Aspergillus niger* was detected at approximate breathing zone height in Cubicle 96.03.

4.3 Surface Fungal Growth Potentials

The surface assessment data involving the samples collected from various cubicle partitions throughout the 7TH Floor indicated no evidence of fungal growth on those surfaces. However, the surface assessment data involving samples collected from the HVAC supply air registers indicated fungal growth involving brown hyphae and/or unknown hyphal structures on all eight of the registers sampled. Be advised that visible accumulation of debris, dust, and other particulates was observed on the reverse side of all sampled HVAC supply air registers, and that such conditions are indicative of an environment that may promote fungal growth.

4.4 Airborne Fibrous Dust

The data recorded in the surveyed areas indicated that airborne fibrous dusts were either not detected above the laboratory detection limit of 0.004 f/cc or were detected at levels ranging from 0.004 to 0.006 f/cc. Because the samples were collected at stationary locations at approximate breathing zone height, the resultant data are expected to represent building occupant *exposure potentials* for those persons working in or passing through the areas monitored. These data, which are expected to represent employee *exposure potentials* to fibers of various types, including man-made and natural mineral fibers, cellulosics (paper or wood composition), gypsum, and other fibrous dusts common in the environment, are well below the current Cal-OSHA 8-hour TWA PEL for asbestos fibers of 0.1 f/cc, the most restrictive exposure limit for fibrous dusts.

4.5 Airborne Total Dust

Common dust that is typically identified in buildings usually contains a wide variety of materials including, but not limited to, gypsum crystals, cellulosic particles, fiberglass fragments, mineral grains from soil, fungi spores, fine glass fibers, textile and wood fibers, iron or steel fragments, dead skin cells, insect parts, animal dander, and pollens. Generally, exposure to low levels of such materials does not produce ill effects in most persons. In fact, these so-called *nuisance dusts* have a long history of little adverse effect to the lungs and are not known to produce significant diseases or toxic effects, such as collagen (scar tissue) formation, when exposure are kept under reasonable control.

The data recorded in the surveyed areas showed that airborne total dust was not detected at or above the respective laboratory analytical detection limits. Because the samples were collected at stationary locations at approximate breathing zone height, the resultant data are expected to represent building occupant *exposure potentials* for those persons working in or passing through the areas monitored. These data are well below the State of California, Department of Industrial Relations, Division of Occupational Safety and Health (Cal-OSHA) 8-hour time-weighted average

4.0 DISCUSSION (CONTINUED)

4.5 Airborne Total Dust (Continued)

(TWA) permissible exposure limit (PEL) for total dust of 10 mg/M^3, as defined in Title 8 of the California Code of Regulations, Section 5155 (T8, CCR § 5155). Note that these laboratory detection limits are also below the American Conference of Governmental Industrial Hygienists 8-hour TWA threshold limit value (TLV-TWA) for particulate (not otherwise classified) of 10 mg/M^3; and, for all but one sample, below the U.S. Environmental Protection Agency (EPA) National Ambient Air Quality Primary Standard of 0.26 mg/M^3 (24-hour standard) and the American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) theoretical value for non-occupational environments of 1/10 of the TLV.

4.6 Airborne Microbial Volatile Organic Compounds

Microbial Volatile Organic Compounds (MVOCs) are composed of low molecular weight alcohols, aldehydes, amines, ketones, terpenes, aromatic and chlorinated hydrocarbons, and sulfur-based compounds that are known to be byproducts of microbial metabolism. MVOCs have a very low odor threshold, thus, making them easily detectable by smell. They often have strong odors and are responsible for the smells generally associated with fungal growth.

The airborne MVOC data indicated the presence of 3-methylfuran at levels ranging from 17 ng/m^3 to 79 ng/m^3, 2-methyl-1-propanol at levels ranging from 197 to 269 ng/ m^3, 1-butanol at 189 ng/ m^3, dimethyl disulphide at levels ranging from 49 to 93 ng/ m^3, 2-hexanone at levels ranging from 54 ng/m^3 to 72 ng/m^3, and 2-heptanone at levels ranging from 89 ng/m^3 to 114 ng/m^3. Microbial growth related 3-methylfuran, 2-methyl-1-propanol, 1-butanol, dimethyl disulfide, 2-hexanone, and 2-heptanone would not be expected to be present indoors without additional MVOCs such as ethanol, 1-octen-3-ol, 2-octen-1-ol, benzyl cyanide, 2-methyl-isoborneol, geosmin (1-10-dimethyl-*trans*-9-decalol), and/or terpenes also being present. The fact that 3-methylfuran, 2-methyl-1-propanol, 1-butanol, dimethyl disulfide, 2-hexanone, and 2-heptanone were detected at low levels without the other above mentioned MVOCs would indicate that its presence on the 7TH Floor was most likely not fungal growth related and attributable to personal products such as perfumes and other personal cosmetic products. All such data are well below the applicable Cal-OSHA 8-hour TWA PELs as defined in T8, CCR § 5155.

4.7 Airborne Volatile Organic Compounds

With the use of a direct-reading photoionization detector, VOCs were not detected at or above the instrument detection limit of 0.1 ppm. Because these data were recorded at stationary locations at approximate breathing zone height, the results are expected to represent building occupant *exposure* potentials for those persons occupying or passing through the areas monitored. These data were well below the surrogate Cal-OSHA PELs that are often used for comparative purposes regarding VOC exposures, such as those for gasoline, hexane, and varnish makers and painters (VM&P) naphtha.

4.0 DISCUSSION (CONTINUED)

4.8 Airborne Ozone

O_3 was not detected at or above the Dräger instrument detection limits of 0.05 ppm.

4.9 Airborne Carbon Dioxide

The direct-reading results indicated that CO_2 was detected at levels ranging from 522 to 767 ppm on the 7TH Floor. While these data were somewhat higher than the expected outdoor CO_2 levels, which generally range between 320 and 350 ppm, they are considered normal for occupied indoor environments and they are all well below the Cal-OSHA 8-hour TWA PEL for CO_2 of 5000 ppm (T8, CCR, § 5155). They are also below the level of 1000 ppm, which is essentially equivalent to the recommended upper limit for building occupant comfort and odor control established by ASHRAE (not greater than 700 ppm above the outdoor CO_2 value) as stated in ASHRAE 62-2001.

Based on historic studies performed by HygieneTech, building occupant complaints of "stuffy" air often begin when CO_2 levels exceed 800 ppm. HygieneTech has also found that some sensitive persons may experience discomfort, including eye irritation and headache, when CO_2 levels reach 1,000 ppm. Such symptoms are not believed to be the result of an unhealthful exposure to CO_2; rather, they are thought to be the result of exposure to other common indoor air pollutants which, if not exhausted and/or diluted, can accumulate over time.

4.10 Air Temperature and Relative Humidity

Air temperatures ranged between 75.22 and 78.01 degrees Fahrenheit (°F) on April 9, 2008. Based on the experience of HygieneTech, the air temperatures perceived as comfortable by most persons in office environments, and recommended by ASHRAE for occupant comfort, range between 68.0 and 74.5°F (winter) and 73.0 and 79.0°F (summer). The air temperatures recorded in the surveyed areas were generally within the comfort range recommended for the summer months. Relative humidity data were recorded indoors at levels ranging from 23.8 to 32.9 percent. Such levels were well within the 20 to 60 percent relative humidity level range recommended by ASHRAE for occupant comfort. Note that HygieneTech recommends that the relative humidity in buildings not exceed 50 percent in order to limit the potential for fungal growth.

5.0 CONCLUSIONS

5.1 The airborne total and viable fungi data recorded in the surveyed areas showed airborne fungi levels that were generally below those recorded outdoors and therefore considered unremarkable. Although above-background levels of colorless spores typical of *Penicillium* and *Aspergillus* species and *Aspergillus* niger were detected in Cubicle 96.03, they were likely anomalies. There was no visual evidence of water intrusion in any neighboring area as this cubicle was located in an open office environment amongst numerous other cubicles. Additionally, other air samples collected nearby within the same general office area were unremarkable. Overall, the data are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

5.0 CONCLUSIONS (CONTINUED)

5.2 The surface fungal growth potentials data collected from the HVAC supply air registers indicated fungal growth involving brown hyphae and/or unknown hyphal structures on all register surface tested. Be advised that visible accumulation of debris, dust, and other particulates was observed on the reverse side of all sampled HVAC supply air registers, and that such conditions are indicative of an environment that may promote fungal growth. However, note that the airborne fungi results discussed above would suggest that such fungal growth did not appear to have adversely affected the indoor air quality on the 7TH Floor.

5.3 The airborne total and fibrous dust, VOC, and O_3 recorded during the survey were unremarkable. Collectively, the data were well below applicable Cal-OSHA 8-hour TWA PELs and/or other occupational, non-occupational, ASHRAE, or foreign guidelines. The data are not expected to represent conditions that pose a measurable health risk to the building occupants.

5.4 The airborne MVOC data indicated the presence of 3-methylfuran at levels ranging from 17 ng/m^3 to 79 ng/m^3, 2-methyl-1-propanol at levels ranging from 197 to 269 ng/ m^3, 1-butanol at 189 ng/ m^3, dimethyl disulphide at levels ranging from 49 to 93 ng/ m^3, 2-hexanone at levels ranging from 54 ng/m^3 to 72 ng/m^3, and 2-heptanone at levels ranging from 89 ng/m^3 to 114 ng/m^3. Microbial growth related 3-methylfuran, 2-methyl-1-propanol, 1-butanol, dimethyl disulfide, 2-hexanone, and 2-heptanone would not be expected to be present indoors without additional MVOCs such as ethanol, 1-octen-3-ol, 2-octen-1-ol, benzyl cyanide, 2-methyl-isoborneol, geosmin (1-10-dimethyl-*trans*-9-decalol), and/or terpenes also being present. The fact that 3-methylfuran, 2-methyl-1-propanol, 1-butanol, dimethyl disulfide, 2-hexanone, and 2-heptanone were detected at low levels without the other above mentioned MVOCs would indicate that its presence on the 7TH Floor was most likely not fungal growth related and attributable to personal products such as perfumes and other personal cosmetic products. All such data are well below the applicable Cal-OSHA 8-hour TWA PELs as defined in T8, CCR § 5155.

5.5 Air temperatures ranged between 75.22 and 78.01 degrees Fahrenheit (°F) on the survey date. Based on the experience of HygieneTech, the air temperatures perceived as comfortable by most persons in office environments, and recommended by ASHRAE for occupant comfort, range between 68.0 and 74.5°F (winter) and 73.0 and 79.0°F (summer). The air temperatures recorded in the surveyed areas were generally higher than the comfort range recommended for the winter months. Relative humidity data were recorded indoors at levels ranging from 23.8 to 32.9 percent, levels that were well within the 20 to 60 percent relative humidity level range recommended by ASHRAE for occupant comfort. Note that HygieneTech recommends that the relative humidity in buildings not exceed 50 percent in order to limit the potential for fungal growth.

5.6 Be advised that the data provided in this report only represent fungal growth and exposure potentials that existed at the time the survey was performed and at the precise sample locations only, 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.

6.0 RECOMMENDATIONS

All such recommendations are based strictly on the assessment information and analytical data that were available to HygieneTech at the time this report was prepared. Be advised that, in order to establish data that accurately reflects all the fungal growth sites on the 7TH Floor, additional assessment evaluations may be required as more information is known regarding the history of water intrusion episodes in discrete building areas.

6.1 If not yet established, an accurate record of all air monitoring results should be maintained in accordance with Cal-OSHA regulation found in T8, CCR § 3204. All affected employees should be informed that the *exposure potential* data in this report exist and that those persons, or their representatives, have a right to access relevant exposure data and medical records.

6.2 Routine cleaning of the HVAC supply air registers on the 7TH Floor should be performed to preclude the build-up of dust and debris, which may potentially contribute to fungal growth on those surfaces.

6.3 Also be advised that the exposure data recorded during the survey may not be sufficiently broad to adequately assess the suitability of the indoor air quality for all individuals, particularly those who are extremely sensitive to certain chemical and/or biological substances or for those individuals with immune system deficiencies. Although not expected, if persons occupying or passing through the 7TH Floor do experience non-specific ill effects of unknown etiology, then those affected should be referred to a medical professional in order to determine or specify the possible cause(s) of such reactions. If more information becomes available, further investigation and air monitoring may be warranted.

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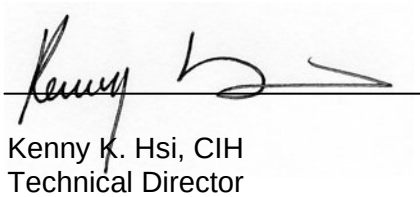
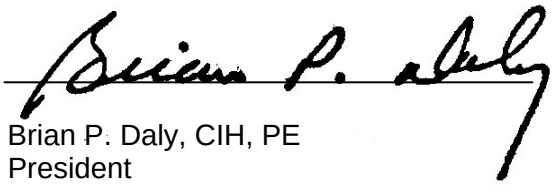


Date: July 18, 2008

Kenny K. Hsi, CIH
Technical Director



Date: July 18, 2008

Brian P. Daly, CIH, PE
President

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-110
AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM01AC**	**20803001-TM02AC**	**20803001-TM03AC**	**20803001-TM04AC**
SAMPLING LOCATION/ACTIVITIES	Column M18 area; Cubicle 004; within ceiling plenum/ Sampling activities only	Column L18 area; Cubicle 008; within ceiling plenum/ Sampling activities only	Column K18 area; Cubicle 067; within ceiling plenum/ Sampling activities only	Column K21 area; Cubicle 076; within ceiling plenum/ Sampling activities only
DATE	03-03-08	03-03-08	03-03-08	03-03-08
START/STOP	11:30:00/11:35:00	11:40:00/11:45:00	11:44:00/11:49:00	11:50:00/11:55:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	53		53	53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53	107	107	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown	13			
Penicillium/Aspergillus types	107	53	53	53
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	13			
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	13
Background particulates*	2+	2+	2+	2+
TOTAL**	239	160	213	106

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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7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM05AC**	**20803001-TM06AC**	**20803001-TM07AC**	**20803001-TM08AC**
SAMPLING LOCATION/ACTIVITIES	Column K22 area; Cubicle 098; within ceiling plenum/ Sampling activities only	Column N22 area; Cubicle 106; within ceiling plenum/ Sampling activities only	Column N21 area; Cubicle 127; within ceiling plenum/ Sampling activities only	Area between Column N18 and N21; Cubicle 132; within ceiling plenum/Sampling activities only
DATE	03-03-08	03-03-08	03-03-08	03-03-08
START/STOP	11:56:00/12:01:00	12:00:00/12:05:00	13:45:00/13:50:00	13:55:00/14:00:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				13
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores			53	107
Bipolaris/Drechslera group			13	
Botrytis				
Chaetomium				
Cladosporium		53	160	107
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown		13		
Penicillium/Aspergillus types	53	107	53	160
Pithomyces				
Rusts				13
Smuts (Periconia, Myxomycetes)			27	40
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	53	40
Background particulates*	2+	2+	3+	3+
TOTAL**	53	173	306	440

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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7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM01OUTME**	**20803001-TM18ME**	**20803001-TM19ME**	**20803001-TM20ME**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 30 feet east of building; approximately five feet above ground/Normal outdoor activities	Column N22 area; Cubicle 96.03; about center; approximately five feet above floor/Normal office activities	Column M22; Cubicle 89; about center; approximately five feet above floor/Normal office activities	Column L 22 area; about three feet south of Cubicle 100; approximately five feet above floor/Normal office activities
DATE	03-06-08	03-06-08	03-06-08	03-06-08
START/STOP	10:52:00/10:57:00	14:57:00/15:02:00	15:06:00/15:11:00	15:12:00/15:17:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Arthrinium				
Ascospores	427			
Aureobasidium				
Basidiospores	747			53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	160			
Curvularia				
Epicoccum	13			
Nigrospora				
Oidium				
Other brown	13			
Other colorless				
Penicillium/Aspergillus types	533	1,210	160	53
Pithomyces				
Rusts	13			
Smuts (Periconia, Myxomycetes)	13		13	13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	53	<13	<13	<13
Background particulates*	3+	3+	3+	2+
TOTAL**	1,932	1,210	173	119

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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AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM21ME**	**20803001-TM22ME**	**20803001-TM23ME**	**20803001-TM24ME**
SAMPLING LOCATION/ACTIVITIES	Column K22 area; about five feet north of Cubicle 079; approximately five feet above floor/Normal office activities	Column K20 area; about three feet south of Cubicle 62; approximately five feet above floor/Normal office activities	Column K21 area; about five feet north of Cubicle 46; approximately five feet above floor/Normal office activities	Column K20 area; about two feet north of Cubicle 28; approximately five feet above floor/Normal office activities
DATE	03-06-08	03-06-08	03-06-08	03-06-08
START/STOP	15:21:00/15:26:00	15:30:00/15:35:00	15:36:00/15:41:00	15:42:00/15:47:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores	53			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53			
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				13
Penicillium/Aspergillus types	53	53		53
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)				13
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background particulates*	3+	3+	2+	3+
TOTAL**	172	53	<13	79

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+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-110
AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM25ME**	**20803001-TM26ME**	**20803001-TM27ME**	**20803001-TM28ME**
SAMPLING LOCATION/ACTIVITIES	Column K19 area; Cubicle 68; about center; approximately five feet above floor/Normal office activities	Column K18 area; about five feet west of Cubicle 009; approximately five feet above floor/Normal office activities	Column L18 area; about three feet west of Cubicle 007; approximately five feet above floor/Normal office activities	Column M18; about three feet west of Cubicle 165; approximately five feet above floor/Normal office activities
DATE	03-06-08	03-06-08	03-06-08	03-06-08
START/STOP	15:51:00/15:56:00	15:57:00/16:02:00	16:05:00/16:10:00	16:11:00/16:16:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria		27		
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	213	53		
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	53	53	107	107
Pithomyces				
Rusts				
Smuts (Periconia, Myxomycetes)	53			
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	13	13	<13	13
Background particulates*	3+	3+	3+	3+
TOTAL**	319	133	107	107

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+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-110
AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM29ME**	**20803001-TM30ME**	**20803001-TM31ME**	**20803001-TM32ME**
SAMPLING LOCATION/ACTIVITIES	Column N18 area; about 10 feet south of Cubicle 135; approximately five feet above floor/Normal office activities	Area between Columns N21 and N22; Cubicle 132.01; about center; approximately five feet above floor/Normal office activities	Area between Columns N21 and N22; Cubicle 137; about center; approximately five feet above floor/Normal office activities	Area between Columns N21 and N22; Cubicle 126; about center; approximately five feet above floor/Normal office activities
DATE	03-06-08	03-06-08	03-06-08	03-06-08
START/STOP	16:20:00/16:25:00	16:30:00/16:35:00	16:36:00/16:41:00	16:42:00/16:47:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Arthrinium				
Ascospores	13			
Aureobasidium				
Basidiospores			53	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			280	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types	107		53	
Pithomyces				
Rusts	13			
Smuts (Periconia, Myxomycetes)		13		
Stachybotrys				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	13	<13
Background particulates*	3+	3+	3+	2+
TOTAL**	133	13	386	<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+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-110
AIRBORNE TOTAL FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 6, 2008

Results reported in spores per cubic meter of air (spores/M^3)

SAMPLE NUMBER	**20803001-TM33ME**	**20803001-TM34OUTME**		
SAMPLING LOCATION/ACTIVITIES	Column N21 area; about two feet south of Cubicle 115; approximately five feet above floor/Normal office activities	Outdoors; about 30 feet east of building; approximately five feet above ground/Normal outdoor activities	This column intentionally left blank	This column intentionally left blank
DATE	03-06-08	03-06-08		
START/STOP	16:51:00/16:56:00	17:00:00/17:05:00		
SAMPLE TIME	5 minutes	5 minutes		
Alternaria				
Arthrinium				
Ascospores		427		
Aureobasidium				
Basidiospores	53	1,440		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		907		
Curvularia				
Epicoccum		13		
Myrothecium				
Nigrospora				
Oidium		13		
Other brown		27		
Penicillium/Aspergillus types	53	693		
Pithomyces				
Rusts		27		
Smuts (Periconia, Myxomycetes)	13	67		
Stachybotrys				
Ulocladium				
Hyphal fragments	<13	80		
Background particulates*	3+	3+		
TOTAL**	119	3,614		

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+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-111
AIRBORNE VIABLE FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 6, 2008

Results reported in colony forming units per cubic meter of air (CFU/M^3)

SAMPLE NUMBER	20803001-VM01OUTME	20803001-VM10ME	20803001-VM11ME	20803001-VM12ME
SAMPLING LOCATION/ACTIVITIES	Outdoor; about 25 feet east of building; approximately five feet above ground/Normal outdoor activities	Column N22 area; Cubicle 96.03; about center; approximately five feet above floor/Normal office activities	Column L22 area; about three feet south of Cubicle 100; approximately five feet above floor/Normal office activities	Column K22 area; about five feet north of Cubicle 079; approximately five feet above floor/Normal office activities
START/STOP	10:58:00/11:00:00	15:03:00/15:05:00	15:18:00/15:20:00	15:27:00/15:29:00
SAMPLE TIME	2 minutes	2 minutes	2 minutes	2 minutes
Acremonium				
Alternaria				
Aspergillus fumigatus				
Aspergillus niger	18	212	35	
Aspergillus other				
Aspergillus versicolor				
Aureobasidium				
Beauveria				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	371		18	18
Curvularia				
Epicoccum				
Nigrospora				
Memnoniella				
Myrothecium				
Non-sporulating fungi				18
Others				
Paecilomyces				
Penicillium	35			
Rhizopus	18			
Sporobolomyces				
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts				
TOTAL	442	212	53	36

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-111
AIRBORNE VIABLE FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 6, 2008

Results reported in colony forming units per cubic meter of air (CFU/M^3)

SAMPLE NUMBER	**20803001-VM13ME**	**20803001-VM14ME**	**20803001-VM15ME**	**20803001-VM16ME**
SAMPLING LOCATION/ACTIVITIES	Column K20 area; about two feet north of Cubicle 28; approximately five feet above floor/Normal office activities	Column K18 area; about five feet west of Cubicle 009; approximately five feet above floor/Normal office activities	Column M18; about three feet west of Cubicle 165; approximately five feet above floor/Normal office activities	Column N18 area; about 10 feet south of Cubicle 135; approximately five feet above floor/Normal office activities
START/STOP	15:48:00/15:50:00	16:03:00/16:05:00	16:17:00/16:19:00	16:26:00/16:28:00
SAMPLE TIME	2 minutes	2 minutes	2 minutes	2 minutes
Acremonium				
Alternaria				
Aspergillus fumigatus				
Aspergillus niger				
Aspergillus other				
Aspergillus versicolor				
Aureobasidium	18			
Beauveria				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	35	18	18	
Curvularia				
Epicoccum				
Nigrospora				
Memnoniella				
Myrothecium				
Non-sporulating fungi			18	
Others				
Paecilomyces				
Penicillium				
Phoma/coelomycetes				
Sporobolomyces				
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts	35			
TOTAL	88	18	36	<18

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-111
AIRBORNE VIABLE FUNGI RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 6, 2008

Results reported in colony forming units per cubic meter of air (CFU/M^3)

SAMPLE NUMBER	**20803001-VM17ME**	**20803001-VM18OUTME**		
SAMPLING LOCATION/ACTIVITIES	Area between Column N21 and N22; Cubicle 126; about center; approximately five feet above floor/Normal office activities	Outdoor; about 25 feet east of building; approximately five feet above ground/Normal outdoor activities	This column intentionally left blank	This column intentionally left blank
START/STOP	16:48:00/16:50:00	17:06:00/17:08:00		
SAMPLE TIME	2 minutes	2 minutes		
Acremonium				
Alternaria				
Aspergillus flavus				
Aspergillus niger		35		
Aspergillus other				
Aspergillus versicolor				
Aureobasidium				
Beauveria				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		283		
Curvularia				
Epicoccum		18		
Nigrospora				
Memnoniella				
Mucor		18		
Non-sporulating fungi	18	35		
Others				
Paecilomyces				
Penicillium		53		
Phoma/coelomycetes				
Sporobolomyces				
Stachybotrys				
Torula herbarum				
Trichoderma				
Ulocladium				
Yeasts				
TOTAL	18	442		

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: California State Board of Equalization
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TABLE 20803001-112
SURFACE FUNGAL GROWTH POTENTIALS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 4, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
03-03-08	20803001-S01AC	Column M 18 area; Cubicle 003; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance	Fungal growth
03-03-08	20803001-S02AC	Column L18 area; Cubicle 008; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	<1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance	Minimal fungal growth
03-03-08	20803001-S03AC	Column K18 area; Cubicle 067; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	<1+ brown hyphae with no associated spores, ID unknown (hyphae fragment))	Many dark amorphous particles detected, not biological in appearance	Minimal fungal growth
03-03-08	20803001-S04AC	Column K21 area; Cubicle 076; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance	Fungal growth
03-03-08	20803001-S05AC	Column K22 area; Cubicle 098; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance	Fungal growth
03-03-08	20803001-S06AC	Column N22 area; Cubicle 106; from reverse side of HVAC supply air register	Heavy	Very few	<1+ brown hyphae with no associated spores, ID unknown (hyphae fragment))	Many dark amorphous particles detected, not biological in appearance	Minimal fungal growth
03-03-08	20803001-S07AC	Column N21 area; Cubicle 127; from reverse side of HVAC supply air register	Heavy	Very few	<1+ brown hyphae with no associated spores, ID unknown (hyphae fragment))	Many dark amorphous particles detected, not biological in appearance	Minimal fungal growth
03-03-08	20803001-S08AC	Area between Column N18 and N21 area; Cubicle 132; ceiling; from reverse side of HVAC supply air register	Heavy	Very few	<1+ brown hyphae with no associated spores, ID unknown (hyphae fragment))	Many dark amorphous particles detected, not biological in appearance	Minimal fungal growth
03-04-08	20803001-TL21AC	Column K22 area; Cubicle 079; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background

* Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: California State Board of Equalization
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TABLE 20803001-112
SURFACE FUNGAL GROWTH POTENTIALS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 4, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
03-04-08	20803001-TL22AC	Column K21 area; Cubicle 075; eastern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL23AC	Column K20 area; Cubicle 033; western cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL24AC	Column K19 area; Cubicle 071; southern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL25AC	Column K18 area; Cubicle 067; southern partition at eastern end; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL26AC	Column K18 area; Cubicle 020; western cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL27AC	Column K18 area; Cubicle 008; eastern cubicle partition; about center; from top horizontal surface	Moderate	Very few	None	None	Background
03-04-08	20803001-TL28AC	Column L18 area; Cubicle 006; eastern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL29AC	Column M18 area; Cubicle 166; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL30AC	Column M18 area; Cubicle 002; eastern cubicle partition; about center; from top horizontal surface	Moderate	Very few	None	None	Background
03-04-08	20803001-TL31AC	Column N18 area; Cubicle 134; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background

* Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: California State Board of Equalization
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TABLE 20803001-112
SURFACE FUNGAL GROWTH POTENTIALS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3 AND 4, 2008

DATE	SAMPLE NUMBER	SAMPLING LOCATION	AMORPHOUS DEBRIS	MISCELLANEOUS FUNGI/POLLEN	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
03-04-08	20803001-TL32AC	Area between Column N18 and N21 ;Cubicle 132; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL33AC	Area between Column N18 and N21; Cubicle 139; western cubicle partition; about center; from top horizontal surface	Scant	Very few	None	None	Background
03-04-08	20803001-TL34AC	Area between Column N18 and N21; Cubicle 130; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL35AC	Area between Column N21 and N22; Cubicle 126; northern cubicle partition; about center; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL36AC	Column N21 area; Cubicle 117; southern cubicle partition; about center; from top horizontal surface	Scant	Very few	None	None	Background
03-04-08	20803001-TL37AC	Column N22 area; Cubicle 107; western cubicle partition; about center; from top horizontal surface	Scant	Very few	None	None	Background
03-04-08	20803001-TL38AC	Column M22 area; Cubicle 104; western cubicle partition; about center; from top horizontal surface	Scant	Very few	None	None	Background
03-04-08	20803001-TL39AC	Column L22 area; Cubicle 100; northern cubicle partition at eastern end; from top horizontal surface	Light	Very few	None	None	Background
03-04-08	20803001-TL40AC	Southwestern corner; Column K22 area; Cubicle 097; western cubicle partition at southern end; from top horizontal surface	Moderate	Very few	None	A few colorless spores typical of *Penicillium/ Aspergillus* detected	Background

* Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating (indicative of normal trapping).

**Quantities of fungi are graded (from least to greatest) as <1+ to 4+.

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: California State Board of Equalization
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Sacramento, California 94279

TABLE 20803001-113
AIRBORNE FIBERS RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 17, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (f/cc)	PEL (f/cc)
Area Sample	Column K20 area; about two feet west of Cubicle 61; approximately six feet above floor/Normal office activities	N/A	20803001-F01JL	9:35 17:41	486 minutes	Fibers	**<0.004**	0.1
Area Sample	Column K22 area; Cubicle 66; approximately six feet above floor/Normal office activities	N/A	20803001-F02JL	9:37 17:42	485 minutes	Fibers	**<0.004**	0.1
Area Sample	Column L22 area; Cubicle 87; approximately six feet above floor/Normal office activities	N/A	20803001-F03JL	9:39 17:44	485 minutes	Fibers	**<0.004**	0.1
Area Sample	Column N22 area; about one foot west of Cubicle 96.03; approximately six feet above floor /Normal office activities	N/A	20803001-F04JL	9:40 17:45	485 minutes	Fibers	**0.004**	0.1
Area Sample	Column N21 area; Cubicle 137; approximately six feet above floor/ Normal office activities	N/A	20803001-F05JL	9:42 17:46	484 minutes	Fibers	**<0.004**	0.1
Area Sample	Column N18 area; about two feet west of room 712; approximately six feet above floor /Normal office activities	N/A	20803001-F06JL	9:44 17:47	483 minutes	Fibers	**0.005**	0.1
Area Sample	Column L18 area; about two feet south of Cubicle 71; approximately six feet above floor/Normal office activities	N/A	20803001-F07JL	9:46 17:49	483 minutes	Fibers	**0.006**	0.1
Blank	N/A	N/A	20803001-F08BLANKJL	N/A	N/A	Fibers	All data blank corrected	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit
<: Less than
f/cc: Fibers per cubic centimeter of air

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

CLIENT: California State Board of Equalization
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Sacramento, California 94279

TABLE 20803001-
AIRBORNE TOTAL DUST RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 3, 2008

NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/M^3)	PEL (mg/M^3)
Area Sample	Column K18 area; about two feet south of Cubicle 37; approximately six feet above floor/Normal office activities	N/A	20803001-TD01CL	10:20/ 14:05	225 minutes	Total dust	**<0.22**	10
Area Sample	Column K20 area; about two feet east of Cubicle 61; approximately six feet above floor/Normal office activities	N/A	20803001-TD02CL	10:27/ 14:07	220 minutes	Total dust	**<0.23**	10
Area Sample	Column K22 area; about two feet north of Cubicle 79; approximately six feet above floor/Normal office activities	N/A	20803001-TD03CL	10:35/ 14:11	216 minutes	Total dust	**<0.23**	10
Area Sample	Column L22 area; at Cubicle 087; approximately six feet above floor/Normal office activities	N/A	20803001-TD04CL	10:37/ 14:14	217 minutes	Total dust	**<0.23**	10
Area Sample	Column N22 area; about two feet east of Cubicle 107; approximately six feet above floor/Normal office activities	N/A	20803001-TD05CL	10:40/ 14:16	216 minutes	Total dust	**<0.23**	10
Area Sample	Column N22 area; about two feet south of Cubicle 125 approximately six feet above floor/Normal office activities	N/A	20803001-TD06CL	10:45/ 14:19	214 Minutes	Total dust	**<0.23**	10
Area Sample	Area between Column N18 and N21 area; about two feet south of Cubicle 130; approximately six feet above floor/Normal office activities	N/A	20803001-TD07CL	10:49/ 14:20	211 Minutes	Total dust	**<0.24**	10
Area Sample	Column N18 area; about two feet west of Room 712; approximately six feet above floor/Normal office activities	N/A	20803001-TD08CL	10:55/ 14:25	210 Minutes	Total dust	**<0.24**	10
Area Sample	Column M18 area; adjacent to Cubicle 166; approximately six feet above floor/Normal office activities	N/A	20803001-TD09CL	10:58/ 14:27	209 Minutes	Total dust	**<0.24**	10
Area Sample	Column L18 area; adjacent to Cubicle 012; approximately six feet above floor/Normal office activities	N/A	20803001-TD10CL	11:02/ 13:13	131 minutes	Total dust	**<0.38**	10
Blank	N/A	N/A	20803001-TD011CL	N/A	N/A	Total dust	All data blank corrected	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit
<: Less than
mg/M^3: Milligrams per cubic meter

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-115
MICROBIAL VOLATILE ORGANIC COMPOUNDS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 5 AND 7, 2008

DATE	NAME/110 REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/m^3)	PEL (mg/m^3)
03-05-08	Area Sample	Column K20 area; Cubicle 044; about center; approximately six feet above floor/Normal office activities	N/A	20803001-M01AC	15:28/ 17:09	101 minutes	3-Methylfuran	**17×10^{-6}**	N/A
							2-Methyl-1-propanol	**197×10^{-6}**	N/A
							1-Butanol	**189×10^{-6}**	300
							3-Methyl-2-butanol	**nd**	N/A
							2-Pentanol	**nd**	N/A
							3-Methyl-2-butanol	**nd**	N/A
							DImethyl disulfide	**49×10^{-6}**	N/A
							Ethyl isobutyrate	**nd**	N/A
							2-Hexanone	**54×10^{-6}**	410
							2-Heptanone	**114×10^{-6}**	468
							5-Methyl-3-heptanone	**nd**	N/A
							1-Octen-3-ol	**nd**	N/A
							3-Octanone	**nd**	N/A
							3-Octanol	**nd**	N/A
							2-Pentylfuran	**nd**	N/A
							2-Octen-1-ol	**nd**	N/A
							2-Methoxy-2-1(methylethyl) pyrazine	**nd**	N/A
							2-Nonanone	**nd**	N/A
							Fenchone	**nd**	N/A
							2-Methyl-isoborneol	**nd**	N/A
							a-Terpineol	**nd**	N/A
							Borneol	**nd**	N/A
							Geosmin	**nd**	N/A
							Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

<: Less than
mg/M^3: Milligrams per cubic meter
nd: Not detected

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-115
MICROBIAL VOLATILE ORGANIC COMPOUNDS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 5 AND 7, 2008

DATE	NAME/110 REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/m^3)	PEL (mg/m^3)
03-05-08	Area Sample	Column L22 area; Cubicle 087; about center; approximately six feet above floor/Normal office activities	N/A	20803001-M02AC	15:42/ 17:12	90 minutes	3-Methylfuran	**44×10^{-6}**	N/A
							2-Methyl-1-propanol	**269×10^{-6}**	N/A
							1-Butanol	**nd**	300
							3-Methyl-2-butanol	**nd**	N/A
							2-Pentanol	**nd**	N/A
							3-Methyl-2-butanol	**nd**	N/A
							Dimethyl disulfide	**93×10^{-6}**	N/A
							Ethyl isobutyrate	**nd**	N/A
							2-Hexanone	**72×10^{-6}**	410
							2-Heptanone	**111×10^{-66}**	468
							5-Methyl-3-heptanone	**nd**	N/A
							1-Octen-3-ol	**nd**	N/A
							3-Octanone	**nd**	N/A
							3-Octanol	**nd**	N/A
							2-Pentylfuran	**nd**	N/A
							2-Octen-1-ol	**nd**	N/A
							2-Methoxy-2-1(methylethyl) pyrazine	**nd**	N/A
							2-Nonanone	**nd**	N/A
							Fenchone	**nd**	N/A
							2-Methyl-isoborneol	**nd**	N/A
							a-Terpineol	**nd**	N/A
							Borneol	**nd**	N/A
							Geosmin	**nd**	N/A
							Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

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MICROBIAL VOLATILE ORGANIC COMPOUNDS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 5 AND 7, 2008

DATE	NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/m^3)	PEL (mg/m^3)
03-07-08	Area Sample	Area between Columns N18 and N21; Cubicle 137; approximately six feet above floor/Normal office activities	N/A	20803001-M11AC	9:06/ 10:38	92 minutes	3-Methylfuran	**54×10^{-6}**	N/A
							2-Methyl-1-propanol	**nd**	N/A
							1-Butanol	**nd**	300
							3-Methyl-2-butanol	**nd**	N/A
							2-Pentanol	**nd**	N/A
							3-Methyl-2-butanol	**nd**	N/A
							Methyl disulfide	**nd**	N/A
							Ethyl isobutyrate	**nd**	N/A
							2-Hexanone	**59×10^{-6}**	410
							2-Heptanone	**89×10^{-6}**	468
							5-Methyl-3-heptanone	**nd**	N/A
							1-Octen-3-ol	**nd**	N/A
							3-Octanone	**nd**	N/A
							3-Octanol	**nd**	N/A
							2-Pentylfuran	**nd**	N/A
							2-Octen-1-ol	**nd**	N/A
							2-Methoxy-2-1(methylethyl) pyrazine	**nd**	N/A
							2-Nonanone	**nd**	N/A
							Fenchone	**nd**	N/A
							2-Methyl-isoborneol	**nd**	N/A
							a-Terpineol	**nd**	N/A
							Borneol	**nd**	N/A
							Geosmin	**nd**	N/A
							Thujopsene	**nd**	N/A

LEGEND

PPE: Personal protective equipment
N/A: Not applicable
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APPENDIX A

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Sacramento, California 94279

TABLE 20803001-115
MICROBIAL VOLATILE ORGANIC COMPOUNDS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 5 AND 7, 2008

DATE	NAME/ REFERENCE	LOCATION/ ACTIVITIES	PPE USED	SAMPLE NUMBER	START/ STOP	SAMPLE TIME	CONTAMINANT	RESULTS (mg/m^3)	PEL (mg/m^3)
03-07-08	Area Sample	Column L18 area; about six feet west of Cubicle 007; approximately six feet above floor/Normal office activities	N/A	20803001-M12AC	9:10/ 10:41	91 minutes	3-Methylfuran	**79×10^{-6}**	N/A
							2-Methyl-1-propanol	**nd**	N/A
							1-Butanol	**nd**	300
							3-Methyl-2-butanol	**nd**	N/A
							2-Pentanol	**nd**	N/A
							3-Methyl-2-butanol	**nd**	N/A
							Methyl disulfide	**nd**	N/A
							Ethyl isobutyrate	**nd**	N/A
							2-Hexanone	**62×10^{-6}**	410
							2-Heptanone	**107×10^{-6}**	468
							5-Methyl-3-heptanone	**nd**	N/A
							1-Octen-3-ol	**nd**	N/A
							3-Octanone	**nd**	N/A
							3-Octanol	**nd**	N/A
							2-Pentylfuran	**nd**	N/A
							2-Octen-1-ol	**nd**	N/A
							2-Methoxy-2-1(methylethyl) pyrazine	**nd**	N/A
							2-Nonanone	**nd**	N/A
							Fenchone	**nd**	N/A
							2-Methyl-isoborneol	**nd**	N/A
							a-Terpineol	**nd**	N/A
							Borneol	**nd**	N/A
							Geosmin	**nd**	N/A
							Thujopsene	**nd**	N/A

LEGEND

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N/A: Not applicable
PEL: Cal-OSHA 8-hour time-weighted average permissible exposure limit

<: Less than
mg/M^3: Milligrams per cubic meter
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HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 20803001-116
DIRECT-READING RESULTS
7TH FLOOR
SACRAMENTO, CALIFORNIA
MARCH 17, 2008

LOCATION/SITE ACTIVITIES	SAMPLE TIME	CONTAMINANT	RESULTS (ppm)	COMMENTS
Column N22 area; approximately five feet above floor/Normal office activities	15:03/15:08	Volatile Organic Compounds Ozone	ND < 0.1 ND < 0.05	N/A
Column N18 area; approximately five feet above floor/Normal office activities	15:10/15:13	Volatile Organic Compounds Ozone	ND <0.1 ND <0.05	N/A
Column K18 area; approximately five feet above floor/Normal office activities	15:15/15:18	Volatile Organic Compounds Ozone	ND < 0.1 ND <0.05	N/A
Column K22 area; approximately five feet above floor/Normal office activities	15:20/15:23	Volatile Organic Compounds Ozone	ND < 0.1 ND <0.05	N/A

LEGEND

ND: Not detected
<: Less than
N/A: Not applicable
ppm: Parts per million

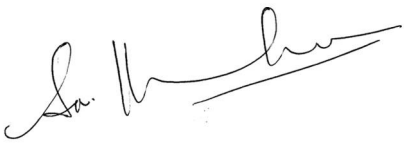
EMLab P&K

Report for:

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

Regarding: Project: 20803001
EML ID: 396775

Approved by:



Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Spore trap analysis: 03-10-2008

Project SOPs: Spore trap analysis (I100000)

EMLab P&K
11720 North Creek Pkwy N, #400, Bothell, WA 98011
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM01OUTME		20803001-TM02ME		20803001-TM03ME		20803001-TM04ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743091-1		1743092-1		1743093-1		1743094-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*	8	427						
Aureobasidium								
Basidiospores*	14	747	1	53				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	3	160	1	53				
Curvularia								
Epicoccum	1	13						
Fusarium								
Myrothecium								
Nigrospora								
Oidium					1	13		
Other brown	1	13						
Other colorless							1	13
Penicillium/Aspergillus types†	10	533			1	53	1	53
Pithomyces								
Rusts*	1	13					1	13
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		2+		3+	
Hyphal fragments/m3	53		13		< 13		< 13	
Pollen/m3	267		13		< 13		13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		1,932		106		66		79

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 then reported. It is important to account for samples volumes when evaluating dust levels.
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‡ A "Version" greater than 1 indicates amended data.

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM05ME		20803001-TM06ME		20803001-TM07ME		20803001-TM08ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743095-1		1743096-1		1743097-1		1743098-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	1	53			1	53		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53					1	53
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53	1	53	1	53		
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*							1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	13		< 13		< 13		< 13	
Skin cells (1-4+)	2+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		172		53		106		66

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.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM09ME		20803001-TM10ME		20803001-TM11ME		20803001-TM12ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743099-1		1743100-1		1743101-1		1743102-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53			1	53		
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	2	107	1	53	1	53	1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	13		< 13		< 13		< 13	
Pollen/m3	13		< 13		< 13		13	
Skin cells (1-4+)	2+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		160		53		106		53

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.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM13ME		20803001-TM14ME		20803001-TM15ME		20803001-TM16ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743103-1		1743104-1		1743105-1		1743106-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*			1	53				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53			1	53	1	53
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53	1	53			1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13			1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		2+	
Hyphal fragments/m3	< 13		40		< 13		< 13	
Pollen/m3	< 13		13		< 13		13	
Skin cells (1-4+)	1+		1+		3+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		106		119		53		119

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.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM17ME		20803001-TM18ME		20803001-TM19ME		20803001-TM20ME	
Comments (see below)	None		A		None		None	
Lab ID-Version‡:	1743107-1		1743108-1		1743109-1		1743110-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium								
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53	43	1,210	3	160	1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*					1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		3+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		13		< 13		< 13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		53		1,210		173		119

Comments: A) 27 of the raw count *Penicillium/Aspergillus* type spores were present as a clump of 11 and a clump of 16 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.
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Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM21ME		20803001-TM22ME		20803001-TM23ME		20803001-TM24ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743111-1		1743112-1		1743113-1		1743114-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	1	53						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown							1	13
Other colorless								
Penicillium/Aspergillus types†	1	53	1	53			1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*							1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		2+		3+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	13		< 13		< 13		13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		172		53		< 13		79

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 then reported. It is important to account for samples volumes when evaluating dust levels.
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM25ME		20803001-TM26ME		20803001-TM27ME		20803001-TM28ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743115-1		1743116-1		1743117-1		1743118-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			2	27				
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	4	213	1	53				
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	1	53	1	53	2	107	2	107
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	4	53						
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+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		319		133		107		107

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.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM29ME		20803001-TM30ME		20803001-TM31ME		20803001-TM32ME	
Comments (see below)	None		None		B		None	
Lab ID-Version‡:	1743119-1		1743120-1		1743121-1		1743122-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	1	13						
Aureobasidium								
Basidiospores*					1	53		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium					21	280		
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	2	107			1	53		
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*			1	13				
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		2+	
Hyphal fragments/m3	< 13		< 13		13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		133		13		386		< 13

Comments: B) The 21 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 then reported. It is important to account for samples volumes when evaluating dust levels.
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SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM33ME		20803001-TM34OUTME	
Comments (see below)	None		None	
Lab ID-Version‡:	1743123-1		1743124-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*			8	427
Aureobasidium				
Basidiospores*	1	53	27	1,440
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			17	907
Curvularia				
Epicoccum			1	13
Fusarium				
Myrothecium				
Nigrospora				
Oidium			1	13
Other brown			2	27
Other colorless				
Penicillium/Aspergillus types†	1	53	13	693
Pithomyces				
Rusts*			2	27
Smuts*, Periconia, Myxomycetes*	1	13	5	67
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	3+		3+	
Hyphal fragments/m3	< 13		80	
Pollen/m3	13		387	
Skin cells (1-4+)	1+		1+	
Sample volume (liters)	75		75	
TOTAL SPORE/m3		119		3,614

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.
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MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 20803001-TM01OUTME

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: March				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	210	43	7	27	230	60
Bipolaris/Drechslera group	-	7	13	120	12	7	13	120	14
Chaetomium	-	7	13	120	8	7	13	110	19
Cladosporium	160	40	350	4,400	91	53	640	6,500	98
Curvularia	-	7	13	210	6	7	13	210	7
Epicoccum	13	7	13	210	16	7	13	160	21
Nigrospora	-	7	13	110	7	7	13	170	8
Other brown	13	7	13	80	34	7	13	80	37
Penicillium/Aspergillus types	533	27	160	1,700	83	40	210	2,500	89
Stachybotrys	-	7	13	360	3	7	13	330	5
Torula	-	7	13	170	8	7	13	150	13
Seldom found growing indoors**									
Ascospores	427	13	150	2,100	75	13	110	1,800	73
Basidiospores	747	13	360	6,000	91	13	270	6,900	95
Oidium	-	7	13	330	14	7	13	200	20
Rusts	13	7	13	320	17	7	13	270	29
Smuts, Periconia, Myxomycetes	13	7	27	310	54	8	40	480	71
TOTAL SPORES/M3	1,932								

† 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.

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MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 20803001-TM34OUTME

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: March				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	210	43	7	27	230	60
Bipolaris/Drechslera group	-	7	13	120	12	7	13	120	14
Chaetomium	-	7	13	120	8	7	13	110	19
Cladosporium	907	40	350	4,400	91	53	640	6,500	98
Curvularia	-	7	13	210	6	7	13	210	7
Epicoccum	13	7	13	210	16	7	13	160	21
Nigrospora	-	7	13	110	7	7	13	170	8
Other brown	27	7	13	80	34	7	13	80	37
Penicillium/Aspergillus types	693	27	160	1,700	83	40	210	2,500	89
Stachybotrys	-	7	13	360	3	7	13	330	5
Torula	-	7	13	170	8	7	13	150	13
Seldom found growing indoors**									
Ascospores	427	13	150	2,100	75	13	110	1,800	73
Basidiospores	1,440	13	360	6,000	91	13	270	6,900	95
Oidium	13	7	13	330	14	7	13	200	20
Rusts	27	7	13	320	17	7	13	270	29
Smuts, Periconia, Myxomycetes	67	7	27	310	54	8	40	480	71
TOTAL SPORES/M3	3,614								

† 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.

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**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.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 20803001-TM01OUTME:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 390	55
Ascospores	427	13 - 160 - 4,200	76
Basidiospores	747	13 - 320 - 14,000	92
Cladosporium	160	40 - 530 - 8,500	95
Epicoccum	13	7 - 13 - 320	24
Other brown	13	7 - 13 - 93	35
Penicillium/Aspergillus types	533	27 - 210 - 2,600	85
Rusts	13	7 - 15 - 310	23
Smuts, Periconia, Myxomycetes	13	7 - 40 - 760	70
Total	1,932		

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 occurence 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: 20803001-TM02ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6958 Critical value: 0.5833 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	53
Total	106

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM03ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.1818	dF: 10 Result: 0.3030 Critical value: 0.5515 Outside Similar: No	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Oidium	13
Penicillium/Aspergillus types	53
Total	66

Location: 20803001-TM04ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3333	dF: 10 Result: 0.1606 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Other colorless	13
Penicillium/Aspergillus types	53
Rusts	13
Total	79

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM05ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.6154	dF: 9 Result: 0.7500 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Alternaria	13
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	53
Total	172

Location: 20803001-TM06ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM07ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.8458 Critical value: 0.5833 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Total	106

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM08ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.2667 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Smuts, Periconia, Myxomycetes	13
Total	66

Location: 20803001-TM09ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6333 Critical value: 0.5833 Outside Similar: Yes	Score: 110 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	107
Total	160

Location: 20803001-TM10ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

EMLab P&K
11720 North Creek Pkwy N, #400, Bothell, WA 98011
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM11ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6208 Critical value: 0.5833 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	53
Total	106

Location: 20803001-TM12ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM13ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6208 Critical value: 0.5833 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	53
Total	106

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Re: 20803001

Date of Sampling: 03-07-2008
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM14ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.7000 Critical value: 0.5833 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

Location: 20803001-TM15ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Total	53

Location: 20803001-TM16ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.4500 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM17ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM18ME

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 62%	dF: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 225 Result: Medium

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	1,210
Total	1,210

Location: 20803001-TM19ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.4333 Critical value: 0.5833 Outside Similar: No	Score: 118 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	160
Smuts, Periconia, Myxomycetes	13
Total	173

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Date of Report: 03-10-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM20ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.7000 Critical value: 0.5833 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

Location: 20803001-TM21ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.6154	dF: 9 Result: 0.7500 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Alternaria	13
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	53
Total	172

Location: 20803001-TM22ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

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C/O: Mr. Wes Frey
Re: 20803001

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM23ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 20803001-TM24ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.2417 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Other brown	13
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	79

Location: 20803001-TM25ME

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 16%	dF: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.3917 Critical value: 0.5833 Outside Similar: No	Score: 112 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	213
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	53
Total	319

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Re: 20803001

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM26ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.4500 Critical value: 0.5833 Outside Similar: No	Score: 110 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Alternaria	27
Cladosporium	53
Penicillium/Aspergillus types	53
Total	133

Location: 20803001-TM27ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	107
Total	107

Location: 20803001-TM28ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	107
Total	107

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Re: 20803001

Date of Sampling: 03-07-2008
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM29ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 111 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	13
Penicillium/Aspergillus types	107
Rusts	13
Total	133

Location: 20803001-TM30ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.2833 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Smuts, Periconia, Myxomycetes	13
Total	13

Location: 20803001-TM31ME

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 19%	dF: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.7917 Critical value: 0.5833 Outside Similar: Yes	Score: 116 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	280
Penicillium/Aspergillus types	53
Total	386

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM32ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 20803001-TM33ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.7000 Critical value: 0.5833 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

* 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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MoldSTAT™: Supplementary Statistical Spore Trap Report

**** 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&Kreserves 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: 20803001-TM34OUTME:

Species detected	Outdoor sample spores/m3 <100 1K 10K >100K	Typical outdoor ranges (North America)	Freq. %
Ascospores	427	13 - 160 - 4,200	76
Basidiospores	1,440	13 - 320 - 14,000	92
Cladosporium	907	40 - 530 - 8,500	95
Epicoccum	13	7 - 13 - 320	24
Oidium	13	7 - 13 - 230	15
Other brown	27	7 - 13 - 93	35
Penicillium/Aspergillus types	693	27 - 210 - 2,600	85
Rusts	27	7 - 15 - 310	23
Smuts, Periconia, Myxomycetes	67	7 - 40 - 760	70
Total	3,614		

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 occurence 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: 20803001-TM02ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.7708 Critical value: 0.5833 Outside Similar: Yes	Score: 102 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	53
Total	106

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM03ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.1750 Critical value: 0.5833 Outside Similar: No	Score: 106 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K	
Oidium		13
Penicillium/Aspergillus types		53
Total		66

Location: 20803001-TM04ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3333	dF: 10 Result: 0.0606 Critical value: 0.5515 Outside Similar: No	Score: 106 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K	
Other colorless		13
Penicillium/Aspergillus types		53
Rusts		13
Total		79

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM05ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.4615	dF: 10 Result: 0.6333 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	53
Total	172

Location: 20803001-TM06ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM07ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6958 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Penicillium/Aspergillus types	53
Total	106

EMLab P&K
11720 North Creek Pkwy N, #400, Bothell, WA 98011
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM08ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.4917 Critical value: 0.5833 Outside Similar: No	Score: 102 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Smuts, Periconia, Myxomycetes	13
Total	66

Location: 20803001-TM09ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6083 Critical value: 0.5833 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Penicillium/Aspergillus types	107
Total	160

Location: 20803001-TM10ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
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Date of Report: 03-10-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM11ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6208 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Penicillium/Aspergillus types	53
Total	106

Location: 20803001-TM12ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM13ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.6208 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Penicillium/Aspergillus types	53
Total	106

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM14ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

Location: 20803001-TM15ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5833 Critical value: 0.5833 Outside Similar: Yes	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Total	53

Location: 20803001-TM16ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.5750 Critical value: 0.5833 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

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Re: 20803001

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM17ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Total	53

Location: 20803001-TM18ME

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 33%	dF: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 234 Result: Medium

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	1,210
Total	1,210

Location: 20803001-TM19ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3636	dF: 9 Result: 0.4083 Critical value: 0.5833 Outside Similar: No	Score: 120 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	160
Smuts, Periconia, Myxomycetes	13
Total	173

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM20ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

Location: 20803001-TM21ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.4615	dF: 10 Result: 0.6333 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Alternaria	13
Basidiospores	53
Cladosporium	53
Penicillium/Aspergillus types	53
Total	172

Location: 20803001-TM22ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Penicillium/Aspergillus types	53
Total	53

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C/O: Mr. Wes Frey
Re: 20803001

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM23ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 20803001-TM24ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.2417 Critical value: 0.5833 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Other brown	13
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	79

Location: 20803001-TM25ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.5667 Critical value: 0.5833 Outside Similar: No	Score: 109 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Cladosporium	213
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	53
Total	319

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Re: 20803001

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM26ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.3333	dF: 10 Result: 0.3606 Critical value: 0.5515 Outside Similar: No	Score: 111 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	27
Cladosporium	53
Penicillium/Aspergillus types	53
Total	133

Location: 20803001-TM27ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 114 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	107
Total	107

Location: 20803001-TM28ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.5083 Critical value: 0.5833 Outside Similar: No	Score: 114 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	107
Total	107

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Date of Report: 03-10-2008

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM29ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.3083 Critical value: 0.5833 Outside Similar: No	Score: 113 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Ascospores	13
Penicillium/Aspergillus types	107
Rusts	13
Total	133

Location: 20803001-TM30ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.2000	dF: 9 Result: 0.3583 Critical value: 0.5833 Outside Similar: No	Score: 103 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Smuts, Periconia, Myxomycetes	13
Total	13

Location: 20803001-TM31ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.8333 Critical value: 0.5833 Outside Similar: Yes	Score: 112 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Cladosporium	280
Penicillium/Aspergillus types	53
Total	386

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 20803001-TM32ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.0000	dF: N/A Result: N/A Critical value: N/A Outside Similar: N/A	Score: 100 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
None Detected	N/A

Location: 20803001-TM33ME

% 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: 31 Result: 10.0000 Critical value: N/A Inside Similar: N/A	Result: 0.5000	dF: 9 Result: 0.6583 Critical value: 0.5833 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 <100 1K 10K >100K
Basidiospores	53
Penicillium/Aspergillus types	53
Smuts, Periconia, Myxomycetes	13
Total	119

* 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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MoldSTAT™: Supplementary Statistical Spore Trap Report

**** 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&Kreserves 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: 20803001-TM01OUTME

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		1	13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		3	160
Curvularia		ND	< 13
Epicoccum		1	13
Nigrospora		ND	< 13
Other brown		1	13
Penicillium/Aspergillus types†		10	533
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		8	427
Basidiospores††		14	747
Rusts		1	13
Smuts, Periconia, Myxomycetes††		1	13
Total			**1,932**

Location: 20803001-TM02ME

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

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM03ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Oidium		1	13		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**66**	**Final MoldSCORE**	**106**

Location: 20803001-TM04ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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 colorless		1	13		105
Penicillium/Aspergillus types†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**79**	**Final MoldSCORE**	**105**

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

MoldSCORE™: Spore Trap Report

Location: 20803001-TM05ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
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†		1	53		101
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**172**	**Final MoldSCORE**	**105**

Location: 20803001-TM06ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM07ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		104
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**104**

Location: 20803001-TM08ME

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

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM09ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		2	107		110
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**110**

Location: 20803001-TM10ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM11ME

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

Location: 20803001-TM12ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM13ME

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

Location: 20803001-TM14ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM15ME

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

Location: 20803001-TM16ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM17ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

Location: 20803001-TM18ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		43	1,210		225
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**1,210**	**Final MoldSCORE**	**225**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM19ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		3	160		118
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**173**	**Final MoldSCORE**	**118**

Location: 20803001-TM20ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM21ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
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†		1	53		101
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**172**	**Final MoldSCORE**	**105**

Location: 20803001-TM22ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM23ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 20803001-TM24ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**79**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM25ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		4	213		112
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		4	53		110
Total			**319**	**Final MoldSCORE**	**112**

Location: 20803001-TM26ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		2	27		110
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		103
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**133**	**Final MoldSCORE**	**110**

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

MoldSCORE™: Spore Trap Report

Location: 20803001-TM27ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		112
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**112**

Location: 20803001-TM28ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		112
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**112**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM29ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		111
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		1	13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**133**	**Final MoldSCORE**	**111**

Location: 20803001-TM30ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**13**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM31ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		21	280		116
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**386**	**Final MoldSCORE**	**116**

Location: 20803001-TM32ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM33ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**103**

*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: 20803001-TM34OUTME

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		ND	< 13
Bipolaris/Drechslera group		ND	< 13
Chaetomium		ND	< 13
Cladosporium		17	907
Curvularia		ND	< 13
Epicoccum		1	13
Nigrospora		ND	< 13
Other brown		2	27
Penicillium/Aspergillus types†		13	693
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		8	427
Basidiospores††		27	1,440
Oidium		1	13
Rusts		2	27
Smuts, Periconia, Myxomycetes††		5	67
Total			**3,614**

Location: 20803001-TM02ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**102**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM03ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Oidium		1	13		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**66**	**Final MoldSCORE**	**106**

Location: 20803001-TM04ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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 colorless		1	13		105
Penicillium/Aspergillus types†		1	53		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**79**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM05ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
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		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**172**	**Final MoldSCORE**	**105**

Location: 20803001-TM06ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM07ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**105**

Location: 20803001-TM08ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**66**	**Final MoldSCORE**	**102**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM09ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		112
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**160**	**Final MoldSCORE**	**112**

Location: 20803001-TM10ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM11ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**105**

Location: 20803001-TM12ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM13ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**106**	**Final MoldSCORE**	**105**

Location: 20803001-TM14ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**105**

EMLab P&K
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-10-2008

MoldSCORE™: Spore Trap Report

Location: 20803001-TM15ME

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

Location: 20803001-TM16ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM17ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

Location: 20803001-TM18ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		43	1,210		234
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**1,210**	**Final MoldSCORE**	**234**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM19ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		3	160		120
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**173**	**Final MoldSCORE**	**120**

Location: 20803001-TM20ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM21ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		1	13		105
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		103
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**172**	**Final MoldSCORE**	**105**

Location: 20803001-TM22ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		107
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM23ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

Location: 20803001-TM24ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		1	53		106
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**79**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM25ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		4	213		108
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		4	53		109
Total			**319**	**Final MoldSCORE**	**109**

Location: 20803001-TM26ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		2	27		111
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		104
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**133**	**Final MoldSCORE**	**111**

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Re: 20803001

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM27ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		114
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**114**

Location: 20803001-TM28ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		114
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**107**	**Final MoldSCORE**	**114**

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Re: 20803001

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM29ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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†		2	107		113
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		1	13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**133**	**Final MoldSCORE**	**113**

Location: 20803001-TM30ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		103
Total			**13**	**Final MoldSCORE**	**103**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM31ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
Alternaria		ND	< 13		100
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		21	280		112
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		1	53		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**386**	**Final MoldSCORE**	**112**

Location: 20803001-TM32ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**N/A**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 20803001-TM33ME

Fungi Identified	Indoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3	MoldSCORE‡ 100 200 300	Score
Generally able to grow indoors*					
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		105
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		101
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		1	13		102
Total			**119**	**Final MoldSCORE**	**105**

*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

Report for:

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

Regarding: Project: 20803001
EML ID: 396775

Approved by:

Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Culturable air fungi (Incl. Asp spp.): 03-14-2008
Spore trap analysis: 03-10-2008

Project SOPs: Culturable air fungi (Incl. Asp spp.) (I100002), Spore trap analysis (I100000)

EMLab P&K
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-14-2008

CULTURABLE AIR FUNGI REPORT

Location:	20803001-VM01OUTME		20803001-VM02ME		20803001-VM03ME		20803001-VM04ME	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	1743073-1		1743074-1		1743075-1		1743076-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria								
Aspergillus flavus								
Aspergillus fumigatus							1	18
Aspergillus nidulans								
Aspergillus niger	1	18						
Aspergillus ochraceus								
Aspergillus versicolor								
Aureobasidium								
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	20	371			1	18	1	18
Curvularia								
Epicoccum								
Fusarium								
Mucor								
Non-sporulating fungi							1	18
Paecilomyces								
Penicillium	2	35	8	141	1	18		
Phoma								
Rhizopus	1	18						
Stachybotrys chartarum								
Ulocladium								
Yeasts								
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		442		141		36		54

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments: A) The sample was overgrown with a *Rhizopus* species which may have reduced or eliminated the presence of other fungi.

Note: Interpretation is left to the company and/or persons who conducted the field work. Variation is an inherent part of biological sampling. The presence or absence of a few genera in small numbers should not be considered abnormal.
NORMAL SPORE LEVELS: Indoor spore levels usually average 30 to 80% of the outdoor spore level at the time of sampling, with the same general distribution of spore types. Filtered air, air-conditioned air, or air remote from outside sources may average 5 to 15% of the outside air at the time of sampling. (These percentages are guidelines, only. A major factor is the accessibility of outdoor air. A residence with open doors and windows and heavy foot traffic may average 95% of the outdoor level while high rise office buildings with little air exchange may average 2%. Dusty interiors may exceed 100% of the outdoors to some degree, but will still mirror the outdoor distribution of spore types.)
PROBLEM INTERIORS: A substantial increase of one or two spore types which are inconsistent with and non-reflective of the outside distribution of spore types is usually indicative of an indoor reservoir of mold growth.
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.

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-14-2008

CULTURABLE AIR FUNGI REPORT

Location:	20803001-VM05ME		20803001-VM06ME		20803001-VM07ME		20803001-VM08ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743077-1		1743078-1		1743079-1		1743080-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria								
Aspergillus flavus								
Aspergillus fumigatus			1	18				
Aspergillus nidulans								
Aspergillus niger					1	18		
Aspergillus ochraceus								
Aspergillus versicolor	1	18						
Aureobasidium								
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium			1	18				
Curvularia								
Epicoccum								
Fusarium								
Mucor								
Non-sporulating fungi								
Paecilomyces								
Penicillium	3	53						
Phoma								
Rhizopus								
Stachybotrys chartarum								
Ulocladium								
Yeasts								
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		71		36		18		< 18

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-14-2008

CULTURABLE AIR FUNGI REPORT

Location:	20803001-VM09ME		20803001-VM10ME		20803001-VM11ME		20803001-VM12ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743081-1		1743082-1		1743083-1		1743084-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria								
Aspergillus flavus								
Aspergillus fumigatus								
Aspergillus nidulans								
Aspergillus niger			12	212	2	35		
Aspergillus ochraceus								
Aspergillus versicolor								
Aureobasidium								
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium					1	18	1	18
Curvularia								
Epicoccum								
Fusarium								
Mucor								
Non-sporulating fungi							1	18
Paecilomyces								
Penicillium	1	18						
Phoma								
Rhizopus								
Stachybotrys chartarum								
Ulocladium								
Yeasts								
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		18		212		53		36

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

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Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-14-2008

CULTURABLE AIR FUNGI REPORT

Location:	20803001-VM13ME		20803001-VM14ME		20803001-VM15ME		20803001-VM16ME	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1743085-1		1743086-1		1743087-1		1743088-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium								
Alternaria								
Aspergillus flavus								
Aspergillus fumigatus								
Aspergillus nidulans								
Aspergillus niger								
Aspergillus ochraceus								
Aspergillus versicolor								
Aureobasidium	1	18						
Basidiomycetes								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	2	35	1	18	1	18		
Curvularia								
Epicoccum								
Fusarium								
Mucor								
Non-sporulating fungi					1	18		
Paecilomyces								
Penicillium								
Phoma								
Rhizopus								
Stachybotrys chartarum								
Ulocladium								
Yeasts	2	35						
Positive Hole	400		400		400		400	
Sample volume (liters)	56.6		56.6		56.6		56.6	
TOTAL CFU*/M3		88		18		36		< 18

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-07-2008
Date of Receipt: 03-07-2008
Date of Report: 03-14-2008

CULTURABLE AIR FUNGI REPORT

Location:	20803001-VM17ME		20803001-VM18OUTME	
Comments (see below)	None		None	
Lab ID-Version‡:	1743089-1		1743090-1	
	raw ct.	cfu*/m3	raw ct.	cfu*/m3
Acremonium				
Alternaria				
Aspergillus flavus				
Aspergillus fumigatus				
Aspergillus nidulans				
Aspergillus niger			2	35
Aspergillus ochraceus				
Aspergillus versicolor				
Aureobasidium				
Basidiomycetes				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			16	283
Curvularia				
Epicoccum			1	18
Fusarium				
Mucor			1	18
Non-sporulating fungi	1	18	2	35
Paecilomyces				
Penicillium			3	53
Phoma				
Rhizopus				
Stachybotrys chartarum				
Ulocladium				
Yeasts				
Positive Hole	400		400	
Sample volume (liters)	56.6		56.6	
TOTAL CFU*/M3		18		442

* cfu = colony forming units Positive hole correction chart used for all calculations

Comments:

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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: 20803001 Date Submitted: 3/7/08

Project Contact: Wes Frey Turnaround Required: Standard

Lab Destination: EMSL Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001-TM01OUTME	25L	Allergenco D	Total Mold Assessment
-TM02ME			
-TM03ME			
-TM04ME			
-TM05ME			
-TM06ME			
-TM07ME			
-TM08ME			
-TM09ME			
-TM10ME			
-TM11ME			
-TM12ME			
-TM13ME			
-TM14ME			
-TM15ME			
-TM16ME			

Special Instructions:

1. Sampled by: Mikka Em 3/6/08 16:00 Received by: [illegible] 3/7/08 9:45
2. Relinquished by: [illegible] 3/7/08 10:30 Received by: [illegible] 3/7/08 10:15
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only: 396775

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: 20803001 Date Submitted: 3/7/08

Project Contact: Wes Gray Turnaround Required: Standard

Lab Destination: EMSL Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001-TM17ME	75L	Allegheny D	Total Mold Assessment
-TM18ME			
-TM19ME			
-TM20ME			
-TM21ME			
-TM22ME			
-TM23ME			
-TM24ME			
-TM25ME			
-TM26ME			
-TM27ME			
-TM28ME			
-TM29ME			
-TM30ME			
-TM31ME			
-TM32ME			

Special Instructions:

1. **Sampled by:** [illegible] 3/6/08 1600 **Received by:** [illegible] 3/7/0 9:45
2. **Relinquished by:** [illegible] 3/7/08 1030 **Received by:** [illegible] 3/7/08 10:15AM
3. **Relinquished by:** **Received by:**

Please include signature, date, and time

Lab Use Only: 396775

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Torrance, California 90503-1643
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www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20803001 Date Submitted: 3/7/18

Project Contact: Mel Gay Turnaround Required: Normal

Lab Destination: EML Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001-TM13ME	75L	Allegro D	Total Mold Assessment
-TM39ONTME	↓	↓	↓
-VM01ONTME	56.6L	MEA	Viable Fungi ID
-VM02ME			
-VM03ME			
-VM04ME			
-VM05ME			
-VM06ME			
-VM07ME			
-VM08ME			
-VM09ME			
-VM10ME			
-VM11ME			
-VM12ME			
-VM13ME			
-VM14ME			

Special Instructions:

1. Sampled by: Mark Em 3/6/08 16:00 Received by: [illegible] 3/7/08 9:45
2. Relinquished by: [illegible] 3/7/08 10:3[illegible] Received by: [illegible] 3/7/08 10:15AM
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only: 896775

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-9370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 2080300l Date Submitted: 3/7/08

Project Contact: Neil Gray Turnaround Required: Normal

Lab Destination: EMI Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
2080300l-VM1SME	56.6L	MEA	Viable Fungi LP
-VM1LME			
-VM1DME			
-VM1SMTOC			

Special Instructions:

1. Sampled by: Mekka Em 2/10/08 16:00 Received by: [illegible] 3/7/08 9:45
2. Relinquished by: [illegible] 3/7/08 18:30 Received by: [illegible] 3/7/08 10:15AM
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only: 396775

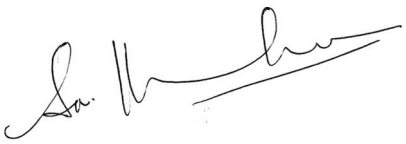
EMLab P&K

Report for:

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

Regarding: Project: 20803001
EML ID: 396295

Approved by:



Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Direct microscopic exam (Qualitative): 03-10-2008
Spore trap analysis: 03-10-2008

Project SOPs: Direct microscopic exam (Qualitative) (I100005), 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.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-03-2008
Date of Receipt: 03-06-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM01AC		20803001-TM02AC		20803001-TM03AC		20803001-TM04AC	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1740454-1		1740455-1		1740456-1		1740457-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	1	53			1	53	1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53	2	107	2	107		
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown	1	13						
Other colorless								
Penicillium/Aspergillus types†	2	107	1	53	1	53	1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		13	
Pollen/m3	< 13		27		< 13		< 13	
Skin cells (1-4+)	2+		2+		2+		2+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		239		160		213		106

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 then 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.
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C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-03-2008
Date of Receipt: 03-06-2008
Date of Report: 03-10-2008

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20803001-TM05AC		20803001-TM06AC		20803001-TM07AC		20803001-TM08AC	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	1740458-1		1740459-1		1740460-1		1740461-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							1	13
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*					1	53	2	107
Bipolaris/Drechslera group					1	13		
Botrytis								
Chaetomium								
Cladosporium			1	53	3	160	2	107
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown			1	13				
Other colorless								
Penicillium/Aspergillus types†	1	53	2	107	1	53	3	160
Pithomyces								
Rusts*							1	13
Smuts*, Periconia, Myxomycetes*					2	27	3	40
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		3+		3+	
Hyphal fragments/m3	< 13		< 13		53		40	
Pollen/m3	< 13		< 13		13		< 13	
Skin cells (1-4+)	2+		2+		3+		3+	
Sample volume (liters)	75		75		75		75	
TOTAL SPORE/m3		53		173		306		440

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 then 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.

EMLab P&K
3800 Watt Ave., Suite 145, Sacramento, CA 95821
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-03-2008
Date of Receipt: 03-06-2008
Date of Report: 03-10-2008

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740446-1: Swab sample 20803001-S01AC				
Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance.	Mold growth
Lab ID-Version: 1740447-1: Swab sample 20803001-S02AC				
Heavy	Very few	< 1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance.	Minimal mold growth
Lab ID-Version: 1740448-1: Swab sample 20803001-S03AC				
Heavy	Very few	< 1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance.	Minimal mold growth
Lab ID-Version: 1740449-1: Swab sample 20803001-S04AC				
Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance.	Mold growth
Lab ID-Version: 1740450-1: Swab sample 20803001-S05AC				
Heavy	Very few	2+ brown hyphae with no associated spores, ID unknown (hyphae)	Many dark amorphous particles detected, not biological in appearance.	Mold growth
Lab ID-Version: 1740451-1: Swab sample 20803001-S06AC				
Heavy	Very few	< 1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance.	Minimal mold growth
Lab ID-Version: 1740452-1: Swab sample 20803001-S07AC				
Heavy	Very few	< 1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance.	Minimal mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740453-1: Swab sample 20803001-S08AC				
Heavy	Very few	1+ brown hyphae with no associated spores, ID unknown (hyphae fragment)	Many dark amorphous particles detected, not biological in appearance.	Mold growth

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

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
Torrance, California 90503-1643
(310) 370-6370
(310) 370-2474 FAX
www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: ~~2080[illegible]~~ 20803001 Date Submitted: 3/5/08

Project Contact: Austin Chan / Wes Frey Turnaround Required: Normal

Lab Destination: EM Lab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001 ~~2080[illegible]~~ - TM01AC	75 L	Allegro-D	Total Fungi ID
- TM02AC	↓	↓	↓
- TM03AC			
- TM04AC			
- TM05AC			
- TM06AC			
- TM07AC			
- TM08AC			
- S01AC	N/A	Swab	Surface Fungi ID [Qualitative]
- S02AC	↓	↓	↓
- S03AC			
- S04AC			
- S05AC			
- S06AC			
- S07AC			
- S08AC			

Special Instructions: e-mail results to WFrey@hygienetech.com
AChan@hygienetech.com

1. Sampled by: Austin Chan 3/3/08 17:00 Received by: [signature] 3/5/08
2. Relinquished by: _____ Received by: [signature] 3/6/08 8:00 AM
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only: 396295

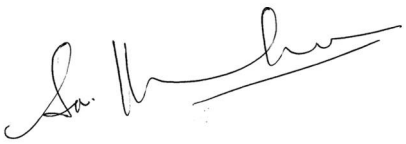
EMLab P&K

Report for:

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

Regarding: Project: 20803001
EML ID: 396298

Approved by:



Lab Manager
Dr. Kamashwaran Ramanathan

Dates of Analysis:
Direct microscopic exam (Qualitative): 03-10-2008

Project SOPs: Direct microscopic exam (Qualitative) (I100005)

EMLab P&K
1150 Bayhill Drive, Suite 100, San Bruno, CA 94066
(650) 829-5800 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wes Frey
Re: 20803001

Date of Sampling: 03-04-2008
Date of Receipt: 03-06-2008
Date of Report: 03-10-2008

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740482-1: Tape sample 20803001-TL01AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740484-1: Tape sample 20803001-TL02AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740485-1: Tape sample 20803001-TL03AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740487-1: Tape sample 20803001-TL04AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740489-1: Tape sample 20803001-TL05AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740490-1: Tape sample 20803001-TL06AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740492-1: Tape sample 20803001-TL07AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740494-1: Tape sample 20803001-TL08AC				
Scant	None	None	None	No mold spores detected
Lab ID-Version: 1740496-1: Tape sample 20803001-TL09AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740497-1: Tape sample 20803001-TL10AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740499-1: Tape sample 20803001-TL11AC				
Scant	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740500-1: Tape sample 20803001-TL12AC				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 1740501-1: Tape sample 20803001-TL13AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740502-1: Tape sample 20803001-TL14AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740503-1: Tape sample 20803001-TL15AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740504-1: Tape sample 20803001-TL16AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740505-1: Tape sample 20803001-TL17AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740506-1: Tape sample 20803001-TL18AC				
Scant	None	None	None	No mold spores detected
Lab ID-Version: 1740507-1: Tape sample 20803001-TL19AC				
Scant	None	None	None	No mold spores detected
Lab ID-Version: 1740508-1: Tape sample 20803001-TL20AC				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 1740509-1: Tape sample 20803001-TL21AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740510-1: Tape sample 20803001-TL22AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740511-1: Tape sample 20803001-TL23AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740512-1: Tape sample 20803001-TL24AC				
Light	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740513-1: Tape sample 20803001-TL25AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740514-1: Tape sample 20803001-TL26AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740515-1: Tape sample 20803001-TL27AC				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 1740516-1: Tape sample 20803001-TL28AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740517-1: Tape sample 20803001-TL29AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740518-1: Tape sample 20803001-TL30AC				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 1740519-1: Tape sample 20803001-TL31AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740520-1: Tape sample 20803001-TL32AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740521-1: Tape sample 20803001-TL33AC				
Scant	Very few	None	None	Normal trapping
Lab ID-Version: 1740522-1: Tape sample 20803001-TL34AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740523-1: Tape sample 20803001-TL35AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740524-1: Tape sample 20803001-TL36AC				
Scant	Very few	None	None	Normal trapping
Lab ID-Version: 1740525-1: Tape sample 20803001-TL37AC				
Scant	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 1740526-1: Tape sample 20803001-TL38AC				
Scant	Very few	None	None	Normal trapping
Lab ID-Version: 1740527-1: Tape sample 20803001-TL39AC				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 1740528-1: Tape sample 20803001-TL40AC				
Moderate	Very few	None	A few colorless spores typical of *Penicillium* / *Aspergillus* detected.	Mold growth in vicinity?

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

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del Amo Boulevard, Suite 180
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(310) 370-8370
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www.hygienetech.com

Request For Analysis

Project Number/Purchase Order: 20803001 Date Submitted: 3/5/08

Project Contact: Wes Frey / Austin Chan Turnaround Required: Normal

Lab Destination: EM Lab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001 - TL01AC	N/A	Bio Tape	Surface Fungi ID (Qualitative)
- TL02AC			
- TL03AC			
- TL04AC			
- TL05AC			
- TL06AC			
- TL07AC			
- TL08AC			
- TL09AC			
- TL10AC			
- TL11AC			
- TL12AC			
- TL13AC			
- TL14AC			
- TL15AC			
- TL16AC			

Special Instructions: e-mail results to WFrey@hygienetech.com
AChan@hygienetech.com

1. Sampled by: Austin Chan 3/4/08 17:00 Received by: [illegible] 3/5/08
2. Relinquished by: _____ Received by: [illegible] 3/6/08 800 Am
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only: 396298

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Request For Analysis

Project Number/Purchase Order: 20803001 Date Submitted: 3/5/08

Project Contact: Wes Frey / Austin Chan Turnaround Required: Normal

Lab Destination: EM Lab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001 - TL17AC	N/A	BioTape	Surface Fungi ID (Qualitative)
- TL18AC			
- TL19AC			
- TL20AC			
- TL21AC			
- TL22AC			
- TL23AC			
- TL24AC			
- TL25AC			
- TL26AC			
- TL27AC			
- TL28AC			
- TL29AC			
- TL30AC			
- TL31AC			
- TL32AC			

Special Instructions: e-mail results to W Frey @ hygienetech.com
A Chan @ hygienetech.com

1. **Sampled by:** Aut Ch 3/4/08 17:00 **Received by:** Chu 3/5/08
2. **Relinquished by:** _____ **Received by:** [illegible] 3/6/08 800AM
3. **Relinquished by:** _____ **Received by:** _____

Please include signature, date, and time

Lab Use Only: 596298

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

Request For Analysis

Project Number/Purchase Order: 20803001 Date Submitted: 3/5/08

Project Contact: Wes Frey / Austin Chan Turnaround Required: Normal

Lab Destination: EM Lab Lab Contact:

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20803001 - TL33AC	N/A	Bio-Tape	Surface Fungi ID (Quantitative)
- TL34AC			
- TL35AC			
- TL36AC			
- TL37AC			
- TL38AC			
- TL39AC			
- TL40AC			
		N/A	

Special Instructions: e-mail results to WFrey@hygienetech.com
AChan@hygienetech.com

1. Sampled by: Austin Chan 3/4/08 17:00 Received by: Ellen 3/5/08
2. Relinquished by: _____ Received by: [signature] 3/6/08 8:01 AM
3. Relinquished by: _____ Received by: _____

Please include signature, date, and time

Lab Use Only: 396298