HYGIENETECH
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September 30, 2011

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

Document No. 21109001.1

Attention: David Gau

Regarding: Fungal Growth Inspection and Exposure Assessment Surveys
HVAC Systems Investigation

Dear Mr. Gau:

On July 29 and 30, 2011, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) participated in a fungal growth inspection and sample collection survey involving the M Floor Supply Fans Rooms and Floors 1 through 11 and 14 through 24 heating, ventilating, and air conditioning (HVAC) duct system of the California State Board of Equalization (BOE) building located at 450 N Street in Sacramento, California. The inspections were performed in association with LaCroix Davis, LLC (LCD), an industrial hygiene consulting firm contracted with the California Department of General Services (DGS). During the inspections, JLS Environmental Services, Inc. (JLS), was also present, whose employees assisted with access into the HVAC ducts on M Floor and Floors 1 through 11 and 14 through 24 and isolated the fans and the portions of ducts designated for inspection on the M Floor. On July 29, 2011, supply fans in the area were deactivated prior to commencement of the isolation of inspection areas with plastic sheeting and tape. All activities including isolation of the fans and HVAC ducts, access into the ducts, inspection, and sample collection on M Floor were conducted within controlled negative pressure containments that were monitored with the use of manometers. Those control measures were used so that dispersion of airborne spores, if any dispersion had occurred during sample collection or manipulation of HVAC system components, was limited to the enclosed areas. Sample collection at the HVAC duct liner on Floors 1 through 11 and 14 through 24 was conducted within the Supply Air Fire Damper Access doors located at the northeast and southwest corner of the core areas. Following the completion of all such activities and upon the reactivation of supply fans, HygieneTech collected air samples at random locations within the building in order to determine airborne fungi exposure potentials for building occupants on July 31 and August 1, 2011. An additional round of air sampling was also conducted on August 19, 2011. Air samples were analyzed using direct microscopic exam or quantitative polymerase chain reaction (QPCR) analysis.

During the July 29 and 30, 2011 fungal growth inspection and sample collection survey, surface samples were collected by LCD representatives and all such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at Emlab P&K, a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing Program, which HygieneTech has successfully used in the past for analysis of samples collected at the BOE

building. During the surveys, microvac samples were also collected from the HVAC duct liners using polycarbonate filter cassettes for QPCR analysis. Representative numbers of microvac samples were analyzed for detection and quantification of *Cladosporium* species via custom panel for *Cladosporium*, which included *Cladosporium cladosporioides* (Type 1), *C. cladosporioides* (Type 2), *C. herbarum*, and *C. sphaerospermum*. All such samples were further analyzed for detection and quantification of twenty-three important indoor molds by QPCR. Applied methodology has been developed by and is licensed through the EPA.

Upon reviewing the laboratory data for surface assessment provided by LCD, 47 out of 54 samples collected on July 29 and 30 indicated some degree of fungal growth involving *Cladosporium* on the HVAC duct liners. Additionally, a minimal level of fungal growth involving *Alternaria* was also identified in one of the surface samples. Laboratory data for the remaining seven samples were considered unremarkable. Based on these data and similar data recorded in the past, and particularly because of the fact that *Cladosporium* was quite consistently found at comparable levels largely in the absence of growth of other mold genera, HygieneTech can offer the following conclusions. One, low to sometimes moderate level mold growth involving *Cladosporium* has clearly occurred in the active HVAC system. And two, the environmental condition within the HVAC system is not only conducive for growth of that genus, but it is essentially constant, given that other mold genera have not cultured on interior surfaces to any appreciable degree.

Furthermore, upon review of the QPCR surface data, *C. sphaerospermum* was consistently found to be the predominant species on the samples collected from the HVAC duct liner with comparatively low levels of *Cladosporium cladosporioides* (Type 1), *C. cladosporioides* (Type 2), and *C. herbarum* detected. In addition, very low levels of other species were also detected including *Acremonium strictrum*, *Alternaria alternata*, *Aspergillus fumigatus, A. niger*, *A. ustus*, *Eurotium (Asp.) amstelodami*, *Penicillium brevicompactum*, and *Stachybotrys chartarum*.

Additional sampling was performed in the following weeks during which surface or microvac samples were collected by LCD representatives from various components of the HVAC system of the building and two additional HVAC systems located on the first floor, including but not limited to, the supply air registers, frames, interior of the flex duct, duct liner, and VAV unit filters. Upon review of laboratory data for surface samples, low levels of fungal growth involving *Cladosporium* was identified in a small percentage of the samples collected. A minimal level of fungal growth involving *Alternaria* was also identified in one of the surface sample.

Subsequent to the HVAC duct inspection and reactivation of the supply fans, air samples were collected on July 31 and August 1 along with additional set of samples on August 19 using a Zefon brand Bio-Pump™ equipped with Zefon Air-O-Cell™ cassettes. Air samples for QPCR analysis were collected on filter cassettes containing pre-loaded 37-millimeter diameter, polycarbonate filters having a pore size of four micrometers using high volume air sampling pumps. Pump flow rate was calibrated using a precision rotameter which was verified against a DryCal® DC-Lite Primary Flow Meter. Air samples for QPCR analysis were analyzed for detection and quantification of *Cladosporium* species via custom panel for *Cladosporium*, which included *C. cladosporioides* (Type 1), *C. cladosporioides* (Type 2), *C. herbarum*, and *C. sphaerospermum*. All such air samples were further analyzed for detection and quantification of twenty-three important indoor molds by QPCR.

The airborne spore count data presented in Table 21108001-2 showed mostly common fungal spore types outdoors such as *Alternaria*, ascospores, basidiospores, *Bipolaris/Drechslera* group, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Oidium*, rusts, smuts, *Stachybotrys*, and/or *Torula,* with *Cladosporium*, smuts and/or colorless spores typical of *Penicillium* and

Aspergillus species predominating. In the indoor areas tested, the data showed low airborne concentrations of common fungal spores that included one or more of the following: *Alternaria*, ascospores, basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Epicoccum*, *Nigrospora*, rusts, and/or smuts. The distribution of fungal spore types detected in the surveyed areas was consistent with those found outdoors, and the overall data within the tested areas were well below the overall data recorded outdoors.

The airborne spore equivalent count data presented in Table 21108001-1 showed fungal spore equivalent types outdoors such as *Acremonium strictum*, *Alternaria alternata*, *Aspergillus flavus* (*A. flavus and A. oryzae*), *A. fumigatus* (*A. fumigatus* and *Neosartorya fischeri*), *A. niger* (*A. niger, A. foetidus* and *A. phoenicis*), *A. ochraceus* (*A. ochraceus* and *A. ostianus*), *A. ustus*, *Aspergillus versicolor*, *Cladosporium cladosporioides* (Type 1), *C. cladosporioides* (Type 2), *C. herbarum*, *C. sphaerospermum*, *Eurotium* (Asp.) *amstelodami* (*E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*)., *Paecilomyces variotii*, *Penicillium aurantiogriseum* (*P. aurantiogriseum*, *P. freii*, *P. polonicum*, *P. tricolor*, *P. viridicatum*), *P. brevicompactum*, *P. chrysogenum* (Type 2), *P. purpurogenum*, *P. variabile*, *Scopulariopsis brevicaulis* (*S. brevicaulis* and *S. fusca*), *Stachybotrys chartarum*, *Trichoderma viride* (*T. viride*, *T. atroviride* and *T. koningii*), and/or *Ulocladium botrytis*. In the indoor areas tested, the data showed low airborne concentrations of fungal spore equivalent that included one or more of the following: *Acremonium strictum*, *Alternaria alternata*, *Aspergillus flavus* (*A. flavus* and *A. oryzae*), *A. fumigatus* (*A. fumigatus* and *Neosartorya fischeri*), *A. niger* (*A. niger, A. foetidus* and *A. phoenicis*), *Cladosporium cladosporioides* (Type 1), *C. cladosporioides* (Type 2), *C. herbarum*, *C. sphaerospermum*, *Eurotium (Asp.) amstelodami* (*E. amstelodami*, *E. chevalieri*, *E. herbariorum*, *E. rubrum* and *E. repens*), *Penicillium brevicompactum*, and *P. variabile*. Please note that *C. sphaerospermum* was either not detected above the analytical limit of laboratory or was found at very low levels in both the indoor and outdoor samples collected. This would indicate that the *C. sphaerospermum* growth occurring within the HVAC ducts do not appear to have impacted the indoor air quality within the BOE building at this time. The distribution of fungal spore equivalent types detected in the surveyed areas was consistent with those found outdoors, and the overall data within the tested areas were well below the overall data recorded outdoors. Collectively, the direct microscopic exam and QPCR data were considered unremarkable and are not believed to pose a health risk beyond that posed by the outdoor environment where exposures to airborne fungi are expected.

Be advised that the data provided in this report only represent limited fungal growth and exposure potentials that existed at the time the surveys were performed and at the precise sample locations indicated, the latter of which were selected based on the available background information provided. Note that fungal growth and exposure potentials may change due to changes in environmental conditions (such as those caused by water intrusion), use of mechanical systems, changes in fungal growth within HVAC systems, or other factors. HygieneTech plans to perform periodic air sampling in the BOE building in order to assure that the indoor air quality is satisfactorily maintained.

In additional, HygieneTech is providing the following recommendations, which are offered based on all the available information in regards to the ongoing HVAC Systems investigation and analytical data that were available to HygieneTech at the time this report was prepared.

1) An HVAC/ventilation engineer (firm specializing in HVAC designs and controls) should be consulted to assist in the ongoing investigation of the HVAC systems.

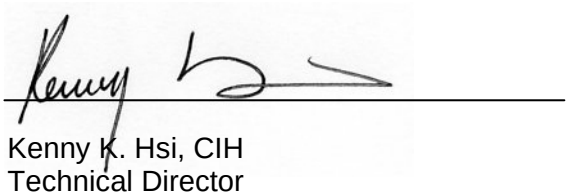
2) Possible sources for high relative humidity related to the HVAC systems should be identified or confirmed and subsequent adjustments made, particularly in regards to the 21st Floor where condensation have been observed on windows and window blinds.

3) Periodic monitoring within the HVAC systems should be performed and representative number of surface and/or bulk samples should be collected and analyzed to determine patterns of fungal growth.

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

Sincerely,

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.



Kenny K. Hsi, CIH
Technical Director

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1A
QUANTITATIVE PCR RESULTS
PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P01OUT**	**21108001-1 P02**	**21108001-1 P03**	**21108001-1 P04**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet north of building; approximately five feet above ground/Normal outdoor activities	Outdoors; about 30 feet south of parking attendant booth; approximately five feet above ground/Normal outdoor activities	1st Floor; Low Rise Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	23rd Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only
DATE	07-31-11	07-31-11	07-31-11	07-31-11
START/STOP	17:02:00/22:01:00	17:11:00/22:10:00	17:31:00/22:31:00	17:06:00/22:06:00
SAMPLE TIME	299 minutes	299 minutes	300 minutes	300 minutes
Acremonium strictum	140	<10	<26	<11
Alternaria alternata	88	160	<38	<17
Aspergillus flavus a)	<34	60	<116	<45
Aspergillus fumigatus b)	130	130	<12	<5
Aspergillus niger c)	190	130	36	<7
Aspergillus ochraceus d)	<36	62	<107	<46
Aspergillus sydowii	<124	<149	<376	<159
Aspergillus ustus	<6	<7	<16	<7
Aspergillus versicolor	140	<67	<172	<71
Eurotium (Asp.) amstelodami e)	550	89	24	<3
Chaetomium globosum	<2	<3	<6	<3
Cladosporium cladosporioides (T-1)	6,900	5,000	1,100	44
Memnoniella echinata	<2	<3	<6	<3
Paecilomyces variotii	2	<3	<6	<3
Penicillium aurantiogriseum f)	<5	<7	<18	<7
Penicillium brevicompactum	1,500	360	<60	<25
Penicillium chrysogenum (T-2)	<6	<7	<18	<7
Penicillium purpurogenum	<6	48	<18	<8
Penicillium variabile	68	<8	55	<9
Scopulariopsis brevicaulis g)	<3	51	<8	<3
Stachybotrys chartarum	40	46	<7	<3
Trichoderma viride h)	<9	45	<26	<12
Ulocladium botrytis	<1	<1	<3	<1

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii

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TABLE 21108001-1A
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PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P05**	**21108001-1 P06**	**21108001-1 P07**	**21108001-1 P08**
SAMPLING LOCATION/ACTIVITIES	19th Floor; southern hallway adjacent to Storage Room 19A entry door; about center; approximately five feet above floor/Sampling activities only	16th Floor; Column N21 area; Cubicle 128 entry; about center; approximately five feet above floor/Sampling activities only	14th Floor; northern hallway; Quiet Room 1408 entry area; about center; approximately five feet above floor/Sampling activities only	9th Floor; Colum L22 area; Cubicle 77 entry; about center; approximately five feet above floor/ Sampling activities only
DATE	07-31-11	07-31-11	07-31-11	07-31-11
START/STOP	17:22:00/22:22:00	17:34:00/22:34:00	17:52:00/22:52:00	18:00:00/23:00:00
SAMPLE TIME	300 minutes	300 minutes	300 minutes	300 minutes
Acremonium strictum	63	<29	<38	<17
Alternaria alternata	<38	<42	<54	<26
Aspergillus flavus a)	<117	<131	<176	88
Aspergillus fumigatus b)	<12	<13	<17	37
Aspergillus niger c)	<16	<18	<23	<10
Aspergillus ochraceus d)	<107	<119	<154	<71
Aspergillus sydowii	<379	<421	<548	<248
Aspergillus ustus	<16	<18	<24	<11
Aspergillus versicolor	<173	<193	<252	<112
Eurotium (Asp.) amstelodami e)	<7	630	<10	<4
Chaetomium globosum	<7	<7	<9	<4
Cladosporium cladosporioides (T-1)	190	39	210	110
Memnoniella echinata	<6	<7	<9	<4
Paecilomyces variotii	<6	<7	<9	<4
Penicillium aurantiogriseum f)	<18	<20	<27	<11
Penicillium brevicompactum	<60	<67	120	<39
Penicillium chrysogenum (T-2)	<18	<21	<28	<12
Penicillium purpurogenum	<18	<20	<26	<12
Penicillium variabile	<22	<25	<33	<14
Scopulariopsis brevicaulis g)	<8	<9	<12	<5
Stachybotrys chartarum	<7	<7	<10	<4
Trichoderma viride h)	<26	<29	<37	<18
Ulocladium botrytis	<3	<3	<4	<2

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii

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QUANTITATIVE PCR RESULTS
PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P09**	**21108001-1 P10**	**21108001-1 P14 BLANK**	**21108001-1 P11M**
SAMPLING LOCATION/ACTIVITIES	5th Floor; western hallway; about center; adjacent to middle electrical closet entry; approximately five feet above floor/Sampling activities only	3rd Floor; Column K20 area; Cubicle 109 entry; about center; approximately five feet above floor/Sampling activities only	Field Blank	M Floor; southern outside air intake plenum; about center; approximately five feet above floor/Routine activities
DATE	07-31-11	07-31-11	07-31-11	08-01-11
START/STOP	18:06:00/23:06:00	18:20:00/23:20:00	N/A	08:07:00/13:09:00
SAMPLE TIME	301 minutes	301 minutes	N/A	302 minutes
Acremonium strictum	<25	<15	<53	<42
Alternaria alternata	110	<24	<82	65
Aspergillus flavus a)	<110	<66	<235	360
Aspergillus fumigatus b)	220	<7	<23	1,000
Aspergillus niger c)	<15	<9	<32	770
Aspergillus ochraceus d)	<102	<65	<227	<169
Aspergillus sydowii	<360	<227	<794	<605
Aspergillus ustus	<16	<10	<34	<26
Aspergillus versicolor	<164	<102	<359	<279
Eurotium (Asp.) amstelodami e)	16	<4	<13	1,200
Chaetomium globosum	<6	<4	<13	<10
Cladosporium cladosporioides (T-1)	400	140	<8	16,000
Memnoniella echinata	<6	<4	<12	<10
Paecilomyces variotii	<6	<4	<12	<10
Penicillium aurantiogriseum f)	<17	<10	<36	<30
Penicillium brevicompactum	<57	<36	<125	330
Penicillium chrysogenum (T-2)	<17	<11	<37	<31
Penicillium purpurogenum	<17	<11	<37	<28
Penicillium variabile	<21	<13	<44	400
Scopulariopsis brevicaulis g)	<8	<5	<16	65
Stachybotrys chartarum	<6	<4	<13	<11
Trichoderma viride h)	<25	<16	<55	<40
Ulocladium botrytis	<3	<2	<5	<4

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii
N/A- Not Applicable

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TABLE 21108001-1A
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PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
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Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P12M**	**21108001-1 P13 BLANK**	**21108001-1 P21OUT**	**21108001-1 P22**
SAMPLING LOCATION/ACTIVITIES	M Floor; northern outside air intake plenum; about center; approximately five feet above floor/Routine activities	Field Blank	Outdoors; about 20 feet southwest of parking attendant booth; approximately five feet above ground/Normal outdoor activities	1st Floor; Conference Room 111; about center; approximately five feet above floor/Normal office activities
DATE	08-01-11	08-01-11	08-19-11	08-19-11
START/STOP	08:13:00/13:14:00	N/A	09:00:00/13:00:00	09:05:00/13:05:00
SAMPLE TIME	301 minutes	N/A	240 minutes	240 minutes
Acremonium strictum	<34	<120	18	<1
Alternaria alternata	<49	<170	66	<3
Aspergillus flavus a)	<158	<562	24	<4
Aspergillus fumigatus b)	420	<54	240	3
Aspergillus niger c)	1,100	<72	260	2
Aspergillus ochraceus d)	230	<487	130	<6
Aspergillus sydowii	<498	<1,741	<20	<17
Aspergillus ustus	66	<74	36	<1
Aspergillus versicolor	<229	<802	27	<8
Eurotium (Asp.) amstelodami e)	940	<32	280	<1
Chaetomium globosum	<9	<29	<1	<1
Cladosporium cladosporioides (T-1)	7,500	<14	2,000	13
Memnoniella echinata	<8	<27	<1	<1
Paecilomyces variotii	17	<28	5	<1
Penicillium aurantiogriseum f)	<25	<86	13	<1
Penicillium brevicompactum	1,600	<275	68	<3
Penicillium chrysogenum (T-2)	<25	<87	27	<1
Penicillium purpurogenum	<23	<81	<1	<1
Penicillium variabile	<29	<103	<1	<1
Scopulariopsis brevicaulis g)	<11	<37	<1	<1
Stachybotrys chartarum	<9	<30	3	<1
Trichoderma viride h)	<34	<115	<2	<2
Ulocladium botrytis	<3	<11	<1	<1

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii
N/A-Not Applicable

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APPENDIX A

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Sacramento, California 94279

TABLE 21108001-1A
QUANTITATIVE PCR RESULTS
PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P23**	**21108001-1 P24**	**21108001-1 P25OUT**	**21108001-1 P26**
SAMPLING LOCATION/ACTIVITIES	3rd Floor; Room 326; about center; approximately five feet above floor/ Normal office activities	4th Floor; Quiet Room 407; about center; approximately five feet above floor/ Normal office activities	Outdoors; about 20 feet southwest of parking attendant booth; approximately five feet above ground/Normal outdoor activities	19th Floor; Column K22 area; about ten feet southeast of Column K22; approximately five feet above floor/ Normal office activities
DATE	08-19-11	08-19-11	08-19-11	08-19-11
START/STOP	09:15:00/13:15:00	09:22:00/13:22:00	13:03:00/17:03:00	13:47:00/17:46:00
SAMPLE TIME	240 minutes	240 minutes	240 minutes	239 minutes
Acremonium strictum	<2	<2	8	<2
Alternaria alternata	<3	<3	14	<3
Aspergillus flavus a)	<5	<5	<4	<5
Aspergillus fumigatus b)	<1	4	66	<1
Aspergillus niger c)	<1	<1	220	8
Aspergillus ochraceus d)	<7	<6	80	<6
Aspergillus sydowii	<20	<19	<19	<20
Aspergillus ustus	<1	<1	46	<1
Aspergillus versicolor	<9	<8	<8	<9
Eurotium (Asp.) amstelodami e)	<1	<1	150	<1
Chaetomium globosum	<1	<1	<1	<1
Cladosporium cladosporioides (T-1)	2	18	1,900	14
Memnoniella echinata	<1	<1	<1	<1
Paecilomyces variotii	<1	<1	<1	<1
Penicillium aurantiogriseum f)	<1	<1	<1	<1
Penicillium brevicompactum	<4	<3	72	12
Penicillium chrysogenum (T-2)	<1	<1	<1	<1
Penicillium purpurogenum	<1	<1	<1	<1
Penicillium variabile	1	<1	2	<1
Scopulariopsis brevicaulis g)	<1	<1	18	<1
Stachybotrys chartarum	<1	<1	<1	<1
Trichoderma viride h)	<2	<2	<2	<2
Ulocladium botrytis	<1	<1	1	<1

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1A
QUANTITATIVE PCR RESULTS
PCR 23
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P27**	**21108001-1 P28**	**21108001-1 P29BLANK**	
SAMPLING LOCATION/ACTIVITIES	20th Floor; Column N20 area; about five feet northeast of Column N20; Cubicle 99; about center; approximately five feet above floor/ Normal office activities	24th Floor; Room 2407; about center; approximately five feet above floor/Sampling activities only	Field Blank	This column intentionally left blank
DATE	08-19-11	08-19-11	08-19-11	
START/STOP	14:01:00/18:00:00	14:30:00/18:06:00	N/A	
SAMPLE TIME	239 minutes	216 minutes	N/A	
Acremonium strictum	<2	<2	<2	
Alternaria alternata	<3	<3	<5	
Aspergillus flavus [a)]	<5	<5	<8	
Aspergillus fumigatus [b)]	<1	<1	<1	
Aspergillus niger [c)]	<1	10	<2	
Aspergillus ochraceus [d)]	<7	<7	<11	
Aspergillus sydowii	<20	<21	<36	
Aspergillus ustus	<1	<1	<2	
Aspergillus versicolor	<9	<9	<15	
Eurotium (Asp.) amstelodami [e)]	<1	<1	<1	
Chaetomium globosum	<1	<1	<1	
Cladosporium cladosporioides (T-1)	4	42	<1	
Memnoniella echinata	<1	<1	<1	
Paecilomyces variotii	<1	<1	<1	
Penicillium aurantiogriseum [f)]	<1	<1	<2	
Penicillium brevicompactum	7	<4	<6	
Penicillium chrysogenum (T-2)	<1	<1	<2	
Penicillium purpurogenum	<1	<1	<2	
Penicillium variabile	<1	<1	<2	
Scopulariopsis brevicaulis [g)]	<1	<1	<1	
Stachybotrys chartarum	<1	<1	<1	
Trichoderma viride [h)]	<2	<2	<3	
Ulocladium botrytis	<1	<1	<1	

a) Includes A. flavus and A. oryzae
b) Includes A. fumigatus and Neosartorya fischeri
c) Includes A. niger, A.foetidus and A.phoenicis
d) Includes A. ochraceus and A.ostianus
e) Includes E. amstelodami, E.chevalieri, E.herbariorum, E.rubrum and E.repens
f) Includes P. aurantiogriseum,P.freii, P.polonicum, P.tricolor and P.viridicatum
g) Includes S.brevicaulis and S.fusca
h) Includes T.viride, T.atroviride and T.koningii
N/A-Not Applicable

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P01OUT**	**21108001-1 P02**	**21108001-1 P03**	**21108001-1 P04**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet north of building; approximately five feet above ground/Normal outdoor activities	Outdoors; about 30 feet south of parking attendant booth; approximately five feet above ground/Normal outdoor activities	1st Floor; Low Rise Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	23rd Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only
DATE	07-31-11	07-31-11	07-31-11	07-31-11
START/STOP	17:02:00/22:01:00	17:11:00/22:10:00	17:31:00/22:31:00	17:06:00/22:06:00
SAMPLE TIME	299 minutes	299 minutes	300 minutes	300 minutes
Cladosporium cladosporioides-1	6,900	5,000	1,100	44
Cladosporium cladosporioides-2	2,600	1,600	220	44
Cladosporium herbarum	4,200	3,300	560	35
Cladosporium sphaeroospermum	<6	4	12	<8

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P05**	**21108001-1 P06**	**21108001-1 P07**	**21108001-1 P08**
SAMPLING LOCATION/ACTIVITIES	19th Floor; southern hallway adjacent to Storage Room 19A entry door; about center; approximately five feet above floor/Sampling activities only	16th Floor; Column N21 area; Cubicle 128 entry; about center; approximately five feet above floor/Sampling activities only	14th Floor; northern hallway; Quiet Room 1408 entry area; about center; approximately five feet above floor/Sampling activities only	9th Floor; Colum L22 area; Cubicle 77 entry; about center; approximately five feet above floor/ Sampling activities only
DATE	07-31-11	07-31-11	07-31-11	07-31-11
START/STOP	17:22:00/22:22:00	17:34:00/22:34:00	17:52:00/22:52:00	18:00:00/23:00:00
SAMPLE TIME	300 minutes	300 minutes	300 minutes	300 minutes
Cladosporium cladosporioides-1	190	39	210	110
Cladosporium cladosporioides-2	46	20	78	1
Cladosporium herbarum	99	46	330	38
Cladosporium sphaeroospermum	<25	<24	<39	4

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P09**	**21108001-1 P10**	**21108001-1 P14 BLANK**	**21108001-1 P11M**
SAMPLING LOCATION/ACTIVITIES	5th Floor; western hallway; about center; adjacent to middle electrical closet entry; approximately five feet above floor/Sampling activities only	3rd Floor; Column K20 area; Cubicle 109 entry; about center; approximately five feet above floor/Sampling activities only	Field Blank	M Floor; southern outside air intake plenum; about center; approximately five feet above floor/Routine activities
DATE	07-31-11	07-31-11	07-31-11	08-01-11
START/STOP	18:06:00/23:06:00	18:20:00/23:20:00	N/A	08:07:00/13:09:00
SAMPLE TIME	300 minutes	300 minutes	N/A	302 minutes
Cladosporium cladosporioides-1	400	140	<8	16,000
Cladosporium cladosporioides-2	110	18	<12	3,400
Cladosporium herbarum	150	7	<3	3,700
Cladosporium sphaeroospermum	<20	<8	<58	<61

N/A- Not Applicable

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P12M**	**21108001-1 P13 BLANK**	**21108001-1 P21OUT**	**21108001-1 P22**
SAMPLING LOCATION/ACTIVITIES	M Floor; northern outside air intake plenum; about center; approximately five feet above floor/Routine activities	Field blank	Outdoors; about 20 feet southwest of parking attendant booth; approximately five feet above ground/Normal outdoor activities	1st Floor; Conference Room 111; about center; approximately five feet above floor/Normal office activities
DATE	08-01-11	08-01-11	08-19-11	08-19-11
START/STOP	08:13:00/13:14:00	N/A	09:00:00/13:00:00	09:05:00/13:05:00
SAMPLE TIME	301 minutes	N/A	240 minutes	240 minutes
Cladosporium cladosporioides-1	7,500	<14	2,000	13
Cladosporium cladosporioides-2	1,400	<20	830	6
Cladosporium herbarum	3,400	<4	2,000	5
Cladosporium sphaeroospermum	<29	<96	<2	4

N/A- Not Applicable

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P23**	**21108001-1 P24**	**21108001-1 P25OUT**	**21108001-1 P26**
SAMPLING LOCATION/ACTIVITIES	3rd Floor; Room 326; about center; approximately five feet above floor/ Normal office activities	4th Floor; Quiet Room 407; about center; approximately five feet above floor/ Normal office activities	Outdoors; about 20 feet southwest of parking attendant booth; approximately five feet above ground/Normal outdoor activities	19th Floor; Column K22 area; about ten feet southeast of Column K22; approximately five feet above floor/ Normal office activities
DATE	08-19-11	08-19-11	08-19-11	08-19-11
START/STOP	09:15:00/13:15:00	09:22:00/13:22:00	13:03:00/17:03:00	13:47:00/17:46:00
SAMPLE TIME	240 minutes	240 minutes	240 minutes	239 minutes
Cladosporium cladosporioides-1	2	18	1,900	14
Cladosporium cladosporioides-2	5	7	1,000	8
Cladosporium herbarum	1	1	1,300	16
Cladosporium sphaeroospermum	<2	5	<2	7

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-1B
QUANTITATIVE PCR RESULTS
CLADOSPORIUM CUSTOM PANEL
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

Results reported in spore equivalent per cubic meter of air (SE/m^3)

SAMPLE NUMBER	**21108001-1 P27**	**21108001-1 P28**	**21108001-1 P29BLANK**	
SAMPLING LOCATION/ACTIVITIES	20th Floor; Column N20 area; about five feet northeast of Column N20; Cubicle 99; about center; approximately five feet above floor/ Normal office activities	24th Floor; Room 2407; about center; approximately five feet above floor/Sampling activities only	Field Blank	This column intentionally left blank
DATE	08-19-11	08-19-11	08-19-11	
START/STOP	14:01:00/18:00:00	14:30:00/18:06:00	N/A	
SAMPLE TIME	239 minutes	216 minutes	N/A	
Cladosporium cladosporioides-1	4	42	<1	
Cladosporium cladosporioides-2	5	7	<1	
Cladosporium herbarum	<1	4	<1	
Cladosporium sphaeroospermum	<2	8	<3	

N/A- Not Applicable

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM01OUT**	**21108001-2 TM02**	**21108001-2 TM03**	**21108001-2 TM04**
SAMPLING LOCATION/ACTIVITIES	Outdoors; about 15 feet south of building; approximately five feet above ground/Normal outdoor activities	1st Floor; High Rise Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	3rd Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	6th Floor; northern hallway; about five feet north of elevator lobby; about center; approximately five feet above floor/Sampling activities only
DATE	07/31/11	07/31/11	07/31/11	07/31/11
START/STOP	17:20:00/17:25:00	17:52:00/17:57:00	17:55:00/18:00:00	18:03:00/18:08:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	93			
Arthrinium				
Ascospores	160			
Aureobasidium				
Basidiospores	210			53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium	13			
Cladosporium	210		370	370
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium	27			
Penicillium/Aspergillus types	110			
Pithomyces				
Rusts	120	13	27	
Smuts(Periconia, Myxomycetes)	320		13	27
Stachybotrys				
Stemphylium				
Torula				27
Ulocladium				
Hyphal fragments	110	<13	27	27
Background debris*	2+	1+	2+	2+
TOTAL**	1,300	13	410	480

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM05**	**21108001-2 TM06**	**21108001-2 TM07**	**21108001-2 TM08**
SAMPLING LOCATION/ACTIVITIES	8th Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	10th Floor; southern hallway; about five feet south of elevator lobby; about center; approximately five feet above floor/Sampling activities only	11th Floor; northern hallway; about two feet north of stairwell entry door; approximately five feet above floor/Sampling activities only	14th Floor; Conference Room 1406; about five feet south of entry door; approximately five feet above floor/ Sampling activities only
DATE	07/31/11	07/31/11	07/31/11	07/31/11
START/STOP	18:06:00/18:11:00	18:15:00/18:20:00	18:24:00/18:29:00	18:30:00/18:35:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria			13	
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores		53	53	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		320	53	
Curvularia				
Epicoccum				
Fusarium				
Nigrospora		13		
Oidium				
Penicillium/Aspergillus types		53		53
Pithomyces				
Rusts		13		13
Smuts(Periconia, Myxomycetes)		27		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	13	67	13	<13
Background debris*	2+	3+	2+	1+
TOTAL**	<13	480	120	67

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM09**	**21108001-2 TM10**	**21108001-2 TM11**	**21108001-2 TM12**
SAMPLING LOCATION/ACTIVITIES	16th Floor; Column K20 area; about 20 feet north of Column K20; approximately five feet above floor/Sampling activities only	18th Floor; Column N20 area; about seven feet southwest of Column N20; approximately five feet above floor/Sampling activities only	20th Floor; Elevator Lobby; about center; approximately five feet above floor/Sampling activities only	22nd Floor; Conference Room 2221; about four feet west of entry door; approximately five feet above floor/Sampling activities only
DATE	07/31/11	07/31/11	07/31/11	07/31/11
START/STOP	18:38:00/18:43:00	18:42:00/18:47:00	18:49:00/18:54:00	18:52:00/18:57:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				13
Arthrinium				
Ascospores		13		
Aureobasidium				
Basidiospores				
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts(Periconia, Myxomycetes)		27		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	1+	1+	1+	1+
TOTAL**	<13	40	<13	13

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM13**	**21108001-2 TM14**	**21108001-2 TM15**	**21108001-2 TM16OUT**
SAMPLING LOCATION/ACTIVITIES	23rd Floor; eastern hallway; about center; approximately five feet above floor/Sampling activities only	24th Floor; southern hallway; Room 2419 entry door area; about center; approximately five feet above floor/Sampling activities only	5th Floor; Conference Room 502 entry door area; approximately five feet above floor/Sampling activities only	Outdoors; about 15 feet north of building; approximately five feet above ground/Normal outdoor activities
DATE	07/31/11	07/31/11	07/31/11	07/31/11
START/STOP	19:09:00/19:14:00	19:13:00/19:18:00	19:24:00/19:29:00	19:25:00/19:30:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	27			150
Arthrinium				
Ascospores				53
Aureobasidium				
Basidiospores				53
Bipolaris/Drechslera group				13
Botrytis				
Chaetomium				
Cladosporium				1,900
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				13
Penicillium/Aspergillus types				320
Pithomyces				
Rusts				67
Smuts(Periconia, Myxomycetes)				130
Stachybotrys				
Stemphylium				13
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	160
Background debris*	3+	1+	1+	2+
TOTAL**	27	<13	<13	2,700

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM17MSP**	**21108001-2 TM18MNP**	**21108001-2 TM21OUT**	**21108001-2 TM22**
SAMPLING LOCATION/ACTIVITIES	M Floor; southern outside air intake plenum; about center; approximately five feet above floor/Routine activities	M Floor; northern outside air intake plenum; about center; approximately five feet above floor/Routine activities	Outdoors; about 20 feet south of building; approximately five feet above ground/Normal outdoor activities	1st Floor; Conference Room 111; about center; approximately five feet above floor/Normal office activities
DATE	08/01/11	08/01/11	08/19/11	08/19/11
START/STOP	08:53:00/08:58:00	09:08:00/09:13:00	10:07:00/10:12:00	10:26:00/10:31:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13		13	
Arthrinium				
Ascospores	13	320	110	
Aureobasidium				
Basidiospores	110		210	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			27	
Cladosporium	370	210	3,200	
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Penicillium/Aspergillus types	690		320	
Pithomyces				
Rusts	80		170	
Smuts(Periconia, Myxomycetes)	110	13	160	13
Stachybotrys				
Stemphylium				
Torula			13	
Ulocladium				
Zygomycetes				
Hyphal fragments	67	53	27	13
Background debris*	3+	3+	2+	3+
TOTAL**	1,400	550	4,200	13

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM23**	**21108001-2 TM24**	**21108001-2 TM25OUT**	**21108001-2 TM26**
SAMPLING LOCATION/ACTIVITIES	3rd Floor; Room 326; about center; approximately five feet above floor/Normal office activities	4th Floor; Quiet room 407; about center; approximately five feet above floor/ Normal office activities	Outdoors; southwestern corner of the building; approximately five feet above ground/Normal outdoor activities	19th Floor; Column K22 area; about ten feet southeast of Column K22; approximately five feet above floor/Normal office activities
DATE	08/19/11	08/19/11	08/19/11	08/19/11
START/STOP	10:39:00/10:44:00	10:54:00/10:59:00	15:55:00/16:00:00	16:12:00/16:17:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria			53	
Arthrinium				
Ascospores			53	
Aureobasidium				
Basidiospores		53	110	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			53	
Cladosporium			2,600	53
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Penicillium/Aspergillus types			210	
Pithomyces				
Rusts			40	
Smuts(Periconia, Myxomycetes)			730	13
Stachybotrys			53	
Stemphylium				
Torula			13	
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13	150	<13
Background debris*	1+	2+	3+	2+
TOTAL**	<13	53	3,900	67

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A

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

TABLE 21108001-2
AIRBORNE TOTAL FUNGI RESULTS
450 N STREET
SACRAMENTO, CALIFORNIA
JULY 31, AUGUST 1, AND 19, 2011

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

SAMPLE NUMBER	**21108001-2 TM27**	**21108001-2 TM28**		
SAMPLING LOCATION/ACTIVITIES	20th Floor; Column N20 area; about 15 feet northeast of Column N20; Cubicle 99; about center; approximately five feet above floor/Normal office activities	24th Floor; Room 2407; about center; approximately five feet above floor/Sampling activities only	This column intentionally left blank	This column intentionally left blank
DATE	08/19/11	08/19/11		
START/STOP	16:20:00/16:25:00	16:28:00/16:33:00		
SAMPLE TIME	5 minutes	5 minutes		
Alternaria				
Arthrinium				
Ascospores				
Aureobasidium				
Basidiospores		53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts(Periconia, Myxomycetes)	13			
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Hyphal fragments	<13	<13		
Background debris*	2+	3+		
TOTAL**	13	53		

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

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

EMLab P&K

Report for:

Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21108001-1
EML ID: 812112

Approved by:

Technical Manager
Aaron Agajanian

Dates of Analysis:
PCR- Custom Panel: 08-04-2011

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 correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

PCR - Custom Panel

Prepared Exclusively For:

Hygiene Technologies International,Inc
3625 Del A
Torrance,California

Project Name: 21108001-1

Project ID Number: 812112

8/4/11

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Results:

Fungal ID	Sample ID Air Volume					
	21108001-1 P01OUT 2.975 m3		21108001-1 P02OUT 2.960 m3		21108001-1 P03 2.985 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Cladosporium cladosporioides-1	20000	6900	15000	5000	3200	1100
Cladosporium cladosporioides-2	7600	2600	4700	1600	660	220
Cladosporium herbarum	13000	4200	9800	3300	1700	560
Cladosporium sphaerospermum	ND	<6	12	4	36	12

* SE = Spore Equivalents, ND = Not Detected

Fungal ID	Sample ID Air Volume					
	21108001-1 P04 2.970 m3		21108001-1 P05 2.985 m3		21108001-1 P06 2.985 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Cladosporium cladosporioides-1	130	44	580	190	120	39
Cladosporium cladosporioides-2	130	44	140	46	59	20
Cladosporium herbarum	100	35	300	99	140	46
Cladosporium sphaerospermum	ND	<8	ND	<25	ND	<24

* SE = Spore Equivalents, ND = Not Detected

Fungal ID	Sample ID Air Volume					
	21108001-1 P07 2.970 m3		21108001-1 P08 2.955 m3		21108001-1 P09 2.970 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Cladosporium cladosporioides-1	630	210	310	110	1200	400
Cladosporium cladosporioides-2	230	78	2	1	330	110
Cladosporium herbarum	970	330	110	38	440	150
Cladosporium sphaerospermum	ND	<39	12	4	ND	<20

* SE = Spore Equivalents, ND = Not Detected

Hygiene Technologies International,Inc
3625 Del A
Torrance,California

8/4/11
812112

Results:

Fungal ID	Sample ID Air Volume			
	21108001-1 P10 2.970 m3		**21108001-1 P14blank** 1 sample	
	SE*	SE/m3	SE*	SE/sample
Cladosporium cladosporioides-1	420	140	ND	<8
Cladosporium cladosporioides-2	53	18	ND	<12
Cladosporium herbarum	21	7	ND	<3
Cladosporium sphaerospermum	ND	<8	ND	<58

* SE = Spore Equivalents, ND = Not Detected

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P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	21.2
K12a	174	*Cladosporium cladosporioides* (Type-1)	26.42	21.2
K12b	178	*Cladosporium cladosporioides* (Type-2)	28.31	21.2
K42	69	*Cladosporium herbarum*	26.04	21.2

Sample ID 1108001-1 P01OU	Internal Reference (Geo)	21.2
	Internal Reference (Geo)	
	Internal Reference (Geo)	

Client Name	Hygiene Technologies International,Inc
Street	3625 Del A
City and State	Torrance,California

Client project ID	21108001-1
Samples Submitted By:	Mr Larry Sandhu
Date Sampled:	8/1/11
Date Samples Received:	8/3/11
Date Analysis Completed:	8/4/11
EMLabP&K Project ID:	812112

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<6**
3.0	**20000**	**6900**
3.0	**7600**	**2600**
3.0	**13000**	**4200**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	41.05	21.7
K12a	174	*Cladosporium cladosporioides* (Type-1)	27.41	21.7
K12b	178	*Cladosporium cladosporioides* (Type-2)	29.53	21.7
K42	69	*Cladosporium herbarum*	26.88	21.7
Sample ID	21108001-1 P02OUT	Internal Reference (Geo)	21.7	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**12**	**4**
3.0	**15000**	**5000**
3.0	**4700**	**1600**
3.0	**9800**	**3300**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	41.42	23.8
K12a	174	*Cladosporium cladosporioides* (Type-1)	31.74	23.8
K12b	178	*Cladosporium cladosporioides* (Type-2)	34.6	23.8
K42	69	*Cladosporium herbarum*	31.46	23.8
Sample ID	21108001-1 P03	Internal Reference (Geo)	23.8	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**36**	**12**
3.0	**3200**	**1100**
3.0	**660**	**220**
3.0	**1700**	**560**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	21.7
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.39	21.7
K12b	178	*Cladosporium cladosporioides* (Type-2)	34.96	21.7
K42	69	*Cladosporium herbarum*	33.21	21.7
Sample ID	21108001-1 P04	Internal Reference (Geo)	21.7	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<8**
3.0	**130**	**44**
3.0	**130**	**44**
3.0	**100**	**35**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.5
K12a	174	*Cladosporium cladosporioides* (Type-1)	34	23.5
K12b	178	*Cladosporium cladosporioides* (Type-2)	36.68	23.5
K42	69	*Cladosporium herbarum*	33.56	23.5
Sample ID	21108001-1 P05	Internal Reference (Geo)	23.5	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<25**
3.0	**580**	**190**
3.0	**140**	**46**
3.0	**300**	**99**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.4
K12a	174	*Cladosporium cladosporioides* (Type-1)	36.25	23.4
K12b	178	*Cladosporium cladosporioides* (Type-2)	37.86	23.4
K42	69	*Cladosporium herbarum*	34.55	23.4
Sample ID	21108001-1 P06	Internal Reference (Geo)	23.4	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<24**
3.0	**120**	**39**
3.0	**59**	**20**
3.0	**140**	**46**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	24.2
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.57	24.2
K12b	178	*Cladosporium cladosporioides* (Type-2)	36.58	24.2
K42	69	*Cladosporium herbarum*	32.6	24.2
Sample ID	21108001-1 P07	Internal Reference (Geo)	24.2	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<39**
3.0	**630**	**210**
3.0	**230**	**78**
3.0	**970**	**330**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	42.79	23.4
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.81	23.4
K12b	178	*Cladosporium cladosporioides* (Type-2)	43.03	23.4
K42	69	*Cladosporium herbarum*	34.81	23.4
Sample ID	21108001-1 P08	Internal Reference (Geo)	23.4	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**12**	**4**
3.0	**310**	**110**
3.0	**2**	**1**
3.0	**110**	**38**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.1
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.53	23.1
K12b	178	*Cladosporium cladosporioides* (Type-2)	34.97	23.1
K42	69	*Cladosporium herbarum*	32.61	23.1
Sample ID	21108001-1 P09	Internal Reference (Geo)	23.1	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<20**
3.0	**1200**	**400**
3.0	**330**	**110**
3.0	**440**	**150**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	21.6
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.55	21.6
K12b	178	*Cladosporium cladosporioides* (Type-2)	36.2	21.6
K42	69	*Cladosporium herbarum*	35.35	21.6
Sample ID	21108001-1 P10	Internal Reference (Geo)	21.6	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
3.0	**ND**	**<8**
3.0	**420**	**140**
3.0	**53**	**18**
3.0	**21**	**7**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.1
K12a	174	*Cladosporium cladosporioides* (Type-1)	0	23.1
K12b	178	*Cladosporium cladosporioides* (Type-2)	0	23.1
K42	69	*Cladosporium herbarum*	0	23.1
Sample ID	21108001-1 P14blank	Internal Reference (Geo)	23.1	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
1.0	**ND**	**<58**
1.0	**ND**	**<8**
1.0	**ND**	**<12**
1.0	**ND**	**<3**

PCR - 23 Species

Prepared Exclusively For:

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: **21108001-1**

Project ID Number: **812112**

August 24, 2011

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Results:

Fungal ID	Sample ID Air Volume (m3)					
	21108001-1 P01OUT 2.975 m3		21108001-1 P02OUT 2.960 m3		21108001-1 P03 2.985 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Acremonium strictum	410	140	ND	<10	ND	<26
Alternaria alternata	260	88	480	160	ND	<38
Aspergillus flavus[a)]	ND	<34	180	60	ND	<116
Aspergillus fumigatus[b)]	380	130	370	130	ND	<12
Aspergillus niger[c)]	560	190	380	130	110	36
Aspergillus ochraceus[d)]	ND	<36	180	62	ND	<107
Aspergillus sydowii	ND	<124	ND	<149	ND	<376
Aspergillus ustus	ND	<6	ND	<7	ND	<16
Aspergillus versicolor	410	140	ND	<67	ND	<172
Eurotium (Asp.) amstelodami[e)]	1600	550	260	89	73	24
Chaetomium globosum	ND	<2	ND	<3	ND	<6
Cladosporium cladosporioides (Type-1)	20000	6900	15000	5000	3200	1100
Memnoniella echinata	ND	<2	ND	<3	ND	<6
Paecilomyces variotii	6	2	ND	<3	ND	<6
Penicillium aurantiogriseum[f)]	ND	<5	ND	<7	ND	<18
Penicillium brevicompactum	4500	1500	1100	360	ND	<60
Penicillium chrysogenum (Type 2)	ND	<6	ND	<7	ND	<18
Penicillium purpurogenum	ND	<6	140	48	ND	<18
Penicillium variabile	200	68	ND	<8	170	55
Scopulariopsis brevicaulis[g)]	ND	<3	150	51	ND	<8
Stachybotrys chartarum	120	40	130	46	ND	<7
Trichoderma viride[h)]	ND	<9	130	45	ND	<26
Ulocladium botrytis	ND	<1	ND	<1	ND	<3

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Fungal ID	**Sample ID Air Volume (m3)**					
	21108001-1 P04		**21108001-1 P05**		**21108001-1P06**	
	2.970 m3		**2.985 m3**		**2.985 m3**	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Acremonium strictum	ND	<11	190	63	ND	<29
Alternaria alternata	ND	<17	ND	<38	ND	<42
Aspergillus flavus[a)]	ND	<45	ND	<117	ND	<131
Aspergillus fumigatus[b)]	ND	<5	ND	<12	ND	<13
Aspergillus niger[c)]	ND	<7	ND	<16	ND	<18
Aspergillus ochraceus[d)]	ND	<46	ND	<107	ND	<119
Aspergillus sydowii	ND	<159	ND	<379	ND	<421
Aspergillus ustus	ND	<7	ND	<16	ND	<18
Aspergillus versicolor	ND	<71	ND	<173	ND	<193
Eurotium (Asp.) amstelodami[e)]	ND	<3	ND	<7	1900	630
Chaetomium globosum	ND	<3	ND	<7	ND	<7
Cladosporium cladosporioides (Type-1)	130	44	580	190	120	39
Memnoniella echinata	ND	<3	ND	<6	ND	<7
Paecilomyces variotii	ND	<3	ND	<6	ND	<7
Penicillium aurantiogriseum[f)]	ND	<7	ND	<18	ND	<20
Penicillium brevicompactum	ND	<25	ND	<60	ND	<67
Penicillium chrysogenum (Type 2)	ND	<7	ND	<18	ND	<21
Penicillium purpurogenum	ND	<8	ND	<18	ND	<20
Penicillium variabile	ND	<9	ND	<22	ND	<25
Scopulariopsis brevicaulis[g)]	ND	<3	ND	<8	ND	<9
Stachybotrys chartarum	ND	<3	ND	<7	ND	<7
Trichoderma viride[h)]	ND	<12	ND	<26	ND	<29
Ulocladium botrytis	ND	<1	ND	<3	ND	<3

Fungal ID	**Sample ID Air Volume (m3)**					
	21108001-1 P07		**21108001-1 P08**		**21108001-1 P09**	
	2.970 m3		**2.955 m3**		**2.970 m3**	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Acremonium strictum	ND	<38	ND	<17	ND	<25
Alternaria alternata	ND	<54	ND	<26	330	110
Aspergillus flavus[a)]	ND	<176	260	88	ND	<110
Aspergillus fumigatus[b)]	ND	<17	110	37	650	220
Aspergillus niger[c)]	ND	<23	ND	<10	ND	<15
Aspergillus ochraceus[d)]	ND	<154	ND	<71	ND	<102
Aspergillus sydowii	ND	<548	ND	<248	ND	<360
Aspergillus ustus	ND	<24	ND	<11	ND	<16
Aspergillus versicolor	ND	<252	ND	<112	ND	<164
Eurotium (Asp.) amstelodami[e)]	ND	<10	ND	<4	49	16
Chaetomium globosum	ND	<9	ND	<4	ND	<6
Cladosporium cladosporioides (Type-1)	630	210	310	110	1200	400
Memnoniella echinata	ND	<9	ND	<4	ND	<6
Paecilomyces variotii	ND	<9	ND	<4	ND	<6
Penicillium aurantiogriseum[f)]	ND	<27	ND	<11	ND	<17
Penicillium brevicompactum	370	120	ND	<39	ND	<57
Penicillium chrysogenum (Type 2)	ND	<28	ND	<12	ND	<17
Penicillium purpurogenum	ND	<26	ND	<12	ND	<17
Penicillium variabile	ND	<33	ND	<14	ND	<21
Scopulariopsis brevicaulis[g)]	ND	<12	ND	<5	ND	<8
Stachybotrys chartarum	ND	<10	ND	<4	ND	<6
Trichoderma viride[h)]	ND	<37	ND	<18	ND	<25
Ulocladium botrytis	ND	<4	ND	<2	ND	<3

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

August 24, 2011
812112

Fungal ID	**Sample ID Air Volume (m3)**			
	21108001-1 P10		**21108001-1 P14BLANK**	
	2.970 m3		**1 sample**	
	SE*	SE/m3	SE*	SE/sample
Acremonium strictum	ND	<15	ND	<53
Alternaria alternata	ND	<24	ND	<82
Aspergillus flavus[a)]	ND	<66	ND	<235
Aspergillus fumigatus[b)]	ND	<7	ND	<23
Aspergillus niger[c)]	ND	<9	ND	<32
Aspergillus ochraceus[d)]	ND	<65	ND	<227
Aspergillus sydowii	ND	<227	ND	<794
Aspergillus ustus	ND	<10	ND	<34
Aspergillus versicolor	ND	<102	ND	<359
Eurotium (Asp.) amstelodami[e)]	ND	<4	ND	<13
Chaetomium globosum	ND	<4	ND	<13
Cladosporium cladosporioides (Type-1)	420	140	ND	<8
Memnoniella echinata	ND	<4	ND	<12
Paecilomyces variotii	ND	<4	ND	<12
Penicillium aurantiogriseum[f)]	ND	<10	ND	<36
Penicillium brevicompactum	ND	<36	ND	<125
Penicillium chrysogenum (Type 2)	ND	<11	ND	<37
Penicillium purpurogenum	ND	<11	ND	<37
Penicillium variabile	ND	<13	ND	<44
Scopulariopsis brevicaulis[g)]	ND	<5	ND	<16
Stachybotrys chartarum	ND	<4	ND	<13
Trichoderma viride[h)]	ND	<16	ND	<55
Ulocladium botrytis	ND	<2	ND	<5

* SE = Spore Equivalents, ND = Not Detected

[a)] Includes *A. flavus* and *A. oryzae*
[b)] Includes *A. fumigatus* and *Neosartorya fischeri*
[c)] Includes *A. niger, A. foetidus* and *A. phoenicis*
[d)] Includes *A. ochraceus* and *A. ostianus*
[e)] Includes *E. amstelodami, E. chevalieri, E. herbariorum, E. rubrum* and *E. repens*
[f)] Includes *P. aurantiogriseum, P. freii, P. polonicum, P. tricolor* and *P. viridicatum*
[g)] Includes *S. brevicaulis* and *S. fusca*
[h)] Includes *T. viride, T. atroviride* and *T. koningii*

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P&K #	EPA #	Species	Target CT
K01	547	*Acremonium strictum*	35.59
K02	628	*Alternaria alternata*	36.73
K03	532	*Aspergillus flavus*	0.00
K04	526	*Aspergillus fumigatus*	34.54
K05	88	*Aspergillus niger*	34.30
K06	426	*Aspergillus ochraceus*	0.00
K07	421	*Aspergillus sydowii*	0.00
K08	427	*Aspergillus ustus*	0.00
K09	524	*Aspergillus versicolor*	38.54
K10	530	*Eurotium (Asp.) amstelodami*	31.86
K11	539	*Chaetomium globosum*	0.00
K12a	174	*Cladosporium cladosporioides* (Type-1)	26.42
K15	394	*Memnoniella echinata*	0.00
K16	75	*Paecilomyces variotii*	39.62
K17	441	*Penicillium aurantiogriseum*	0.00
K18	435	*Penicillium brevicompactum*	32.99
K19	467	*Penicillium chrysogenum* (Type 2)	0.00
K35	306	*Penicillium purpurogenum*	0.00
K36	322	*Penicillium variabile*	36.49
K22	408	*Scopulariopsis brevicaulis*	0.00
K23	388	*Stachybotrys chartarum*	35.45
K24	405	*Trichoderma viride*	0.00
K25	630	*Ulocladium botrytis*	0.00

Sample ID	21108001-1 P01OUT	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Client Name	Hygiene Technologies International, Inc
Street	3625 Del Amo Boulevard, Suite 180
City and State	Torrance, CA 90503-8370
Client project ID	21108001-1
Samples Submitted By:	Larry Sandhu
Date Sampled:	8/1/11
Date Samples Received:	8/3/11
Date Analysis Completed:	August 24, 2011
EMLabP&K Project ID:	812112

Geo CT	Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
21.99	2.975	139.2	140	**410**	**140**	2.1437
21.99	2.975	88.3	88	**260**	**88**	1.9458
21.99	2.975	ND	ND	**ND**	**<34**	Err:502
21.99	2.975	128.7	130	**380**	**130**	2.1095
21.99	2.975	187.6	190	**560**	**190**	2.2733
21.99	2.975	ND	ND	**ND**	**<36**	Err:502
21.99	2.975	ND	ND	**ND**	**<124**	Err:502
21.99	2.975	ND	ND	**ND**	**<6**	Err:502
21.99	2.975	138.6	140	**410**	**140**	2.1418
21.99	2.975	553.0	550	**1600**	**550**	2.7427
21.99	2.975	ND	ND	**ND**	**<2**	Err:502
21.20	2.975	6869.2	6900	**20000**	**6900**	3.8369
21.99	2.975	ND	ND	**ND**	**<2**	Err:502
21.99	2.975	2.1	2	**6**	**2**	0.3284
21.99	2.975	ND	ND	**ND**	**<5**	Err:502
21.99	2.975	1522.7	1500	**4500**	**1500**	3.1826
21.99	2.975	ND	ND	**ND**	**<6**	Err:502
21.99	2.975	ND	ND	**ND**	**<6**	Err:502
21.99	2.975	68.2	68	**200**	**68**	1.8335
21.99	2.975	ND	ND	**ND**	**<3**	Err:502
21.99	2.975	39.6	40	**120**	**40**	1.5975
21.99	2.975	ND	ND	**ND**	**<9**	Err:502
21.99	2.975	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	22.28
K02	628	*Alternaria alternata*	35.98	22.28
K03	532	*Aspergillus flavus*	39.46	22.28
K04	526	*Aspergillus fumigatus*	34.88	22.28
K05	88	*Aspergillus niger*	35.18	22.28
K06	426	*Aspergillus ochraceus*	39.39	22.28
K07	421	*Aspergillus sydowii*	0.00	22.28
K08	427	*Aspergillus ustus*	0.00	22.28
K09	524	*Aspergillus versicolor*	0.00	22.28
K10	530	*Eurotium (Asp.) amstelodami*	34.75	22.28
K11	539	*Chaetomium globosum*	0.00	22.28
K12a	174	*Cladosporium cladosporioides* (Type-1)	27.41	21.7
K15	394	*Memnoniella echinata*	0.00	22.28
K16	75	*Paecilomyces variotii*	0.00	22.28
K17	441	*Penicillium aurantiogriseum*	0.00	22.28
K18	435	*Penicillium brevicompactum*	35.62	22.28
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	22.28
K35	306	*Penicillium purpurogenum*	36.87	22.28
K36	322	*Penicillium variabile*	0.00	22.28
K22	408	*Scopulariopsis brevicaulis*	35.64	22.28
K23	388	*Stachybotrys chartarum*	35.54	22.28
K24	405	*Trichoderma viride*	37.52	22.28
K25	630	*Ulocladium botrytis*	0.00	

Sample ID	108001-1 P02OI	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.960	ND	ND	**ND**	**<10**	Err:502
2.960	161.6	160	**480**	**160**	2.2083
2.960	59.7	60	**180**	**60**	1.7762
2.960	125.1	130	**370**	**130**	2.0971
2.960	128.9	130	**380**	**130**	2.1104
2.960	62.2	62	**180**	**62**	1.7941
2.960	ND	ND	**ND**	**<149**	Err:502
2.960	ND	ND	**ND**	**<7**	Err:502
2.960	ND	ND	**ND**	**<67**	Err:502
2.960	89.4	89	**260**	**89**	1.9512
2.960	ND	ND	**ND**	**<3**	Err:502
2.960	4957.0	5000	**15000**	**5000**	3.6952
2.960	ND	ND	**ND**	**<3**	Err:502
2.960	ND	ND	**ND**	**<3**	Err:502
2.960	ND	ND	**ND**	**<7**	Err:502
2.960	356.5	360	**1100**	**360**	2.5521
2.960	ND	ND	**ND**	**<7**	Err:502
2.960	48.0	48	**140**	**48**	1.6813
2.960	ND	ND	**ND**	**<8**	Err:502
2.960	51.1	51	**150**	**51**	1.7086
2.960	45.5	46	**130**	**46**	1.6582
2.960	45.1	45	**130**	**45**	1.6545
2.960	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	23.79
K02	628	*Alternaria alternata*	0.00	23.79
K03	532	*Aspergillus flavus*	0.00	23.79
K04	526	*Aspergillus fumigatus*	0.00	23.79
K05	88	*Aspergillus niger*	38.64	23.79
K06	426	*Aspergillus ochraceus*	0.00	23.79
K07	421	*Aspergillus sydowii*	0.00	23.79
K08	427	*Aspergillus ustus*	0.00	23.79
K09	524	*Aspergillus versicolor*	0.00	23.79
K10	530	*Eurotium (Asp.) amstelodami*	38.10	23.79
K11	539	*Chaetomium globosum*	0.00	23.79
K12a	174	*Cladosporium cladosporioides* (Type-1)	31.74	23.8
K15	394	*Memnoniella echinata*	0.00	23.79
K16	75	*Paecilomyces variotii*	0.00	23.79
K17	441	*Penicillium aurantiogriseum*	0.00	23.79
K18	435	*Penicillium brevicompactum*	0.00	23.79
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.79
K35	306	*Penicillium purpurogenum*	0.00	23.79
K36	322	*Penicillium variabile*	38.59	23.79
K22	408	*Scopulariopsis brevicaulis*	0.00	23.79
K23	388	*Stachybotrys chartarum*	0.00	23.79
K24	405	*Trichoderma viride*	0.00	23.79
K25	630	*Ulocladium botrytis*	0.00	23.79

Sample ID	21108001-1 P03	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.985	ND	ND	**ND**	**<26**	Err:502
2.985	ND	ND	**ND**	**<38**	Err:502
2.985	ND	ND	**ND**	**<116**	Err:502
2.985	ND	ND	**ND**	**<12**	Err:502
2.985	36.4	36	**110**	**36**	1.5611
2.985	ND	ND	**ND**	**<107**	Err:502
2.985	ND	ND	**ND**	**<376**	Err:502
2.985	ND	ND	**ND**	**<16**	Err:502
2.985	ND	ND	**ND**	**<172**	Err:502
2.985	24.3	24	**73**	**24**	1.3859
2.985	ND	ND	**ND**	**<6**	Err:502
2.985	1088.3	1100	**3200**	**1100**	3.0367
2.985	ND	ND	**ND**	**<6**	Err:502
2.985	ND	ND	**ND**	**<6**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<60**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	55.4	55	**170**	**55**	1.7436
2.985	ND	ND	**ND**	**<8**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<26**	Err:502
2.985	ND	ND	**ND**	**<3**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	22.39
K02	628	*Alternaria alternata*	0.00	22.39
K03	532	*Aspergillus flavus*	0.00	22.39
K04	526	*Aspergillus fumigatus*	0.00	22.39
K05	88	*Aspergillus niger*	0.00	22.39
K06	426	*Aspergillus ochraceus*	0.00	22.39
K07	421	*Aspergillus sydowii*	0.00	22.39
K08	427	*Aspergillus ustus*	0.00	22.39
K09	524	*Aspergillus versicolor*	0.00	22.39
K10	530	*Eurotium (Asp.) amstelodami*	0.00	22.39
K11	539	*Chaetomium globosum*	0.00	22.39
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.39	21.7
K15	394	*Memnoniella echinata*	0.00	22.39
K16	75	*Paecilomyces variotii*	0.00	22.39
K17	441	*Penicillium aurantiogriseum*	0.00	22.39
K18	435	*Penicillium brevicompactum*	0.00	22.39
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	22.39
K35	306	*Penicillium purpurogenum*	0.00	22.39
K36	322	*Penicillium variabile*	0.00	22.39
K22	408	*Scopulariopsis brevicaulis*	0.00	22.39
K23	388	*Stachybotrys chartarum*	0.00	22.39
K24	405	*Trichoderma viride*	0.00	22.39
K25	630	*Ulocladium botrytis*	0.00	22.39

Sample ID	21108001-1 P04	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.970	ND	ND	**ND**	**<11**	Err:502
2.970	ND	ND	**ND**	**<17**	Err:502
2.970	ND	ND	**ND**	**<45**	Err:502
2.970	ND	ND	**ND**	**<5**	Err:502
2.970	ND	ND	**ND**	**<7**	Err:502
2.970	ND	ND	**ND**	**<46**	Err:502
2.970	ND	ND	**ND**	**<159**	Err:502
2.970	ND	ND	**ND**	**<7**	Err:502
2.970	ND	ND	**ND**	**<71**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	44.1	44	**130**	**44**	1.6441
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	ND	ND	**ND**	**<7**	Err:502
2.970	ND	ND	**ND**	**<25**	Err:502
2.970	ND	ND	**ND**	**<7**	Err:502
2.970	ND	ND	**ND**	**<8**	Err:502
2.970	ND	ND	**ND**	**<9**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502
2.970	ND	ND	**ND**	**<12**	Err:502
2.970	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	38.60	23.80
K02	628	*Alternaria alternata*	0.00	23.80
K03	532	*Aspergillus flavus*	0.00	23.80
K04	526	*Aspergillus fumigatus*	0.00	23.80
K05	88	*Aspergillus niger*	0.00	23.80
K06	426	*Aspergillus ochraceus*	0.00	23.80
K07	421	*Aspergillus sydowii*	0.00	23.80
K08	427	*Aspergillus ustus*	0.00	23.80
K09	524	*Aspergillus versicolor*	0.00	23.80
K10	530	*Eurotium (Asp.) amstelodami*	0.00	23.80
K11	539	*Chaetomium globosum*	0.00	23.80
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.00	23.5
K15	394	*Memnoniella echinata*	0.00	23.80
K16	75	*Paecilomyces variotii*	0.00	23.80
K17	441	*Penicillium aurantiogriseum*	0.00	23.80
K18	435	*Penicillium brevicompactum*	0.00	23.80
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.80
K35	306	*Penicillium purpurogenum*	0.00	23.80
K36	322	*Penicillium variabile*	0.00	23.80
K22	408	*Scopulariopsis brevicaulis*	0.00	23.80
K23	388	*Stachybotrys chartarum*	0.00	23.80
K24	405	*Trichoderma viride*	0.00	23.80
K25	630	*Ulocladium botrytis*	0.00	23.80

Sample ID	21108001-1 P05	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.985	63.4	63	**190**	**63**	1.8019
2.985	ND	ND	**ND**	**<38**	Err:502
2.985	ND	ND	**ND**	**<117**	Err:502
2.985	ND	ND	**ND**	**<12**	Err:502
2.985	ND	ND	**ND**	**<16**	Err:502
2.985	ND	ND	**ND**	**<107**	Err:502
2.985	ND	ND	**ND**	**<379**	Err:502
2.985	ND	ND	**ND**	**<16**	Err:502
2.985	ND	ND	**ND**	**<173**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	192.8	190	**580**	**190**	2.2850
2.985	ND	ND	**ND**	**<6**	Err:502
2.985	ND	ND	**ND**	**<6**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<60**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<22**	Err:502
2.985	ND	ND	**ND**	**<8**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<26**	Err:502
2.985	ND	ND	**ND**	**<3**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	23.97
K02	628	*Alternaria alternata*	0.00	23.97
K03	532	*Aspergillus flavus*	0.00	23.97
K04	526	*Aspergillus fumigatus*	0.00	23.97
K05	88	*Aspergillus niger*	0.00	23.97
K06	426	*Aspergillus ochraceus*	0.00	23.97
K07	421	*Aspergillus sydowii*	0.00	23.97
K08	427	*Aspergillus ustus*	0.00	23.97
K09	524	*Aspergillus versicolor*	0.00	23.97
K10	530	*Eurotium (Asp.) amstelodami*	33.64	23.97
K11	539	*Chaetomium globosum*	0.00	23.97
K12a	174	*Cladosporium cladosporioides* (Type-1)	36.25	23.4
K15	394	*Memnoniella echinata*	0.00	23.97
K16	75	*Paecilomyces variotii*	0.00	23.97
K17	441	*Penicillium aurantiogriseum*	0.00	23.97
K18	435	*Penicillium brevicompactum*	0.00	23.97
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.97
K35	306	*Penicillium purpurogenum*	0.00	23.97
K36	322	*Penicillium variabile*	0.00	23.97
K22	408	*Scopulariopsis brevicaulis*	0.00	23.97
K23	388	*Stachybotrys chartarum*	0.00	23.97
K24	405	*Trichoderma viride*	0.00	23.97
K25	630	*Ulocladium botrytis*	0.00	23.97

Sample ID	21108001-1P06	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.985	ND	ND	**ND**	**<29**	Err:502
2.985	ND	ND	**ND**	**<42**	Err:502
2.985	ND	ND	**ND**	**<131**	Err:502
2.985	ND	ND	**ND**	**<13**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<119**	Err:502
2.985	ND	ND	**ND**	**<421**	Err:502
2.985	ND	ND	**ND**	**<18**	Err:502
2.985	ND	ND	**ND**	**<193**	Err:502
2.985	634.3	630	**1900**	**630**	2.8023
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	39.4	39	**120**	**39**	1.5950
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<20**	Err:502
2.985	ND	ND	**ND**	**<67**	Err:502
2.985	ND	ND	**ND**	**<21**	Err:502
2.985	ND	ND	**ND**	**<20**	Err:502
2.985	ND	ND	**ND**	**<25**	Err:502
2.985	ND	ND	**ND**	**<9**	Err:502
2.985	ND	ND	**ND**	**<7**	Err:502
2.985	ND	ND	**ND**	**<29**	Err:502
2.985	ND	ND	**ND**	**<3**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	24.39
K02	628	*Alternaria alternata*	0.00	24.39
K03	532	*Aspergillus flavus*	0.00	24.39
K04	526	*Aspergillus fumigatus*	0.00	24.39
K05	88	*Aspergillus niger*	0.00	24.39
K06	426	*Aspergillus ochraceus*	0.00	24.39
K07	421	*Aspergillus sydowii*	0.00	24.39
K08	427	*Aspergillus ustus*	0.00	24.39
K09	524	*Aspergillus versicolor*	0.00	24.39
K10	530	*Eurotium (Asp.) amstelodami*	0.00	24.39
K11	539	*Chaetomium globosum*	0.00	24.39
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.57	24.2
K15	394	*Memnoniella echinata*	0.00	24.39
K16	75	*Paecilomyces variotii*	0.00	24.39
K17	441	*Penicillium aurantiogriseum*	0.00	24.39
K18	435	*Penicillium brevicompactum*	39.43	24.39
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	24.39
K35	306	*Penicillium purpurogenum*	0.00	24.39
K36	322	*Penicillium variabile*	0.00	24.39
K22	408	*Scopulariopsis brevicaulis*	0.00	24.39
K23	388	*Stachybotrys chartarum*	0.00	24.39
K24	405	*Trichoderma viride*	0.00	24.39
K25	630	*Ulocladium botrytis*	0.00	24.39

Sample ID	21108001-1 P07	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.970	ND	ND	**ND**	**<38**	Err:502
2.970	ND	ND	**ND**	**<54**	Err:502
2.970	ND	ND	**ND**	**<176**	Err:502
2.970	ND	ND	**ND**	**<17**	Err:502
2.970	ND	ND	**ND**	**<23**	Err:502
2.970	ND	ND	**ND**	**<154**	Err:502
2.970	ND	ND	**ND**	**<548**	Err:502
2.970	ND	ND	**ND**	**<24**	Err:502
2.970	ND	ND	**ND**	**<252**	Err:502
2.970	ND	ND	**ND**	**<10**	Err:502
2.970	ND	ND	**ND**	**<9**	Err:502
2.970	211.5	210	**630**	**210**	2.3254
2.970	ND	ND	**ND**	**<9**	Err:502
2.970	ND	ND	**ND**	**<9**	Err:502
2.970	ND	ND	**ND**	**<27**	Err:502
2.970	123.3	120	**370**	**120**	2.0909
2.970	ND	ND	**ND**	**<28**	Err:502
2.970	ND	ND	**ND**	**<26**	Err:502
2.970	ND	ND	**ND**	**<33**	Err:502
2.970	ND	ND	**ND**	**<12**	Err:502
2.970	ND	ND	**ND**	**<10**	Err:502
2.970	ND	ND	**ND**	**<37**	Err:502
2.970	ND	ND	**ND**	**<4**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	23.10
K02	628	*Alternaria alternata*	0.00	23.10
K03	532	*Aspergillus flavus*	39.72	23.10
K04	526	*Aspergillus fumigatus*	37.54	23.10
K05	88	*Aspergillus niger*	0.00	23.10
K06	426	*Aspergillus ochraceus*	0.00	23.10
K07	421	*Aspergillus sydowii*	0.00	23.10
K08	427	*Aspergillus ustus*	0.00	23.10
K09	524	*Aspergillus versicolor*	0.00	23.10
K10	530	*Eurotium (Asp.) amstelodami*	0.00	23.10
K11	539	*Chaetomium globosum*	0.00	23.10
K12a	174	*Cladosporium cladosporioides* (Type-1)	34.81	23.4
K15	394	*Memnoniella echinata*	0.00	23.10
K16	75	*Paecilomyces variotii*	0.00	23.10
K17	441	*Penicillium aurantiogriseum*	0.00	23.10
K18	435	*Penicillium brevicompactum*	0.00	23.10
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.10
K35	306	*Penicillium purpurogenum*	0.00	23.10
K36	322	*Penicillium variabile*	0.00	23.10
K22	408	*Scopulariopsis brevicaulis*	0.00	23.10
K23	388	*Stachybotrys chartarum*	0.00	23.10
K24	405	*Trichoderma viride*	0.00	23.10
K25	630	*Ulocladium botrytis*	0.00	23.10

Sample ID	21108001-1 P08	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.955	ND	ND	**ND**	**<17**	Err:502
2.955	ND	ND	**ND**	**<26**	Err:502
2.955	87.9	88	**260**	**88**	1.9442
2.955	36.6	37	**110**	**37**	1.5634
2.955	ND	ND	**ND**	**<10**	Err:502
2.955	ND	ND	**ND**	**<71**	Err:502
2.955	ND	ND	**ND**	**<248**	Err:502
2.955	ND	ND	**ND**	**<11**	Err:502
2.955	ND	ND	**ND**	**<112**	Err:502
2.955	ND	ND	**ND**	**<4**	Err:502
2.955	ND	ND	**ND**	**<4**	Err:502
2.955	105.2	110	**310**	**110**	2.0222
2.955	ND	ND	**ND**	**<4**	Err:502
2.955	ND	ND	**ND**	**<4**	Err:502
2.955	ND	ND	**ND**	**<11**	Err:502
2.955	ND	ND	**ND**	**<39**	Err:502
2.955	ND	ND	**ND**	**<12**	Err:502
2.955	ND	ND	**ND**	**<12**	Err:502
2.955	ND	ND	**ND**	**<14**	Err:502
2.955	ND	ND	**ND**	**<5**	Err:502
2.955	ND	ND	**ND**	**<4**	Err:502
2.955	ND	ND	**ND**	**<18**	Err:502
2.955	ND	ND	**ND**	**<2**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	23.71
K02	628	*Alternaria alternata*	38.03	23.71
K03	532	*Aspergillus flavus*	0.00	23.71
K04	526	*Aspergillus fumigatus*	35.47	23.71
K05	88	*Aspergillus niger*	0.00	23.71
K06	426	*Aspergillus ochraceus*	0.00	23.71
K07	421	*Aspergillus sydowii*	0.00	23.71
K08	427	*Aspergillus ustus*	0.00	23.71
K09	524	*Aspergillus versicolor*	0.00	23.71
K10	530	*Eurotium (Asp.) amstelodami*	38.59	23.71
K11	539	*Chaetomium globosum*	0.00	23.71
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.53	23.1
K15	394	*Memnoniella echinata*	0.00	23.71
K16	75	*Paecilomyces variotii*	0.00	23.71
K17	441	*Penicillium aurantiogriseum*	0.00	23.71
K18	435	*Penicillium brevicompactum*	0.00	23.71
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.71
K35	306	*Penicillium purpurogenum*	0.00	23.71
K36	322	*Penicillium variabile*	0.00	23.71
K22	408	*Scopulariopsis brevicaulis*	0.00	23.71
K23	388	*Stachybotrys chartarum*	0.00	23.71
K24	405	*Trichoderma viride*	0.00	23.71
K25	630	*Ulocladium botrytis*	0.00	23.71

Sample ID	21108001-1 P09	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.970	ND	ND	**ND**	**<25**	Err:502
2.970	112.6	110	**330**	**110**	2.0517
2.970	ND	ND	**ND**	**<110**	Err:502
2.970	218.6	220	**650**	**220**	2.3397
2.970	ND	ND	**ND**	**<15**	Err:502
2.970	ND	ND	**ND**	**<102**	Err:502
2.970	ND	ND	**ND**	**<360**	Err:502
2.970	ND	ND	**ND**	**<16**	Err:502
2.970	ND	ND	**ND**	**<164**	Err:502
2.970	16.4	16	**49**	**16**	1.2140
2.970	ND	ND	**ND**	**<6**	Err:502
2.970	399.4	400	**1200**	**400**	2.6014
2.970	ND	ND	**ND**	**<6**	Err:502
2.970	ND	ND	**ND**	**<6**	Err:502
2.970	ND	ND	**ND**	**<17**	Err:502
2.970	ND	ND	**ND**	**<57**	Err:502
2.970	ND	ND	**ND**	**<17**	Err:502
2.970	ND	ND	**ND**	**<17**	Err:502
2.970	ND	ND	**ND**	**<21**	Err:502
2.970	ND	ND	**ND**	**<8**	Err:502
2.970	ND	ND	**ND**	**<6**	Err:502
2.970	ND	ND	**ND**	**<25**	Err:502
2.970	ND	ND	**ND**	**<3**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	22.96
K02	628	*Alternaria alternata*	0.00	22.96
K03	532	*Aspergillus flavus*	0.00	22.96
K04	526	*Aspergillus fumigatus*	0.00	22.96
K05	88	*Aspergillus niger*	0.00	22.96
K06	426	*Aspergillus ochraceus*	0.00	22.96
K07	421	*Aspergillus sydowii*	0.00	22.96
K08	427	*Aspergillus ustus*	0.00	22.96
K09	524	*Aspergillus versicolor*	0.00	22.96
K10	530	*Eurotium (Asp.) amstelodami*	0.00	22.96
K11	539	*Chaetomium globosum*	0.00	22.96
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.55	21.6
K15	394	*Memnoniella echinata*	0.00	22.96
K16	75	*Paecilomyces variotii*	0.00	22.96
K17	441	*Penicillium aurantiogriseum*	0.00	22.96
K18	435	*Penicillium brevicompactum*	0.00	22.96
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	22.96
K35	306	*Penicillium purpurogenum*	0.00	22.96
K36	322	*Penicillium variabile*	0.00	22.96
K22	408	*Scopulariopsis brevicaulis*	0.00	22.96
K23	388	*Stachybotrys chartarum*	0.00	22.96
K24	405	*Trichoderma viride*	0.00	22.96
K25	630	*Ulocladium botrytis*	0.00	22.96

Sample ID	21108001-1 P10	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.970	ND	ND	**ND**	**<15**	Err:502
2.970	ND	ND	**ND**	**<24**	Err:502
2.970	ND	ND	**ND**	**<66**	Err:502
2.970	ND	ND	**ND**	**<7**	Err:502
2.970	ND	ND	**ND**	**<9**	Err:502
2.970	ND	ND	**ND**	**<65**	Err:502
2.970	ND	ND	**ND**	**<227**	Err:502
2.970	ND	ND	**ND**	**<10**	Err:502
2.970	ND	ND	**ND**	**<102**	Err:502
2.970	ND	ND	**ND**	**<4**	Err:502
2.970	ND	ND	**ND**	**<4**	Err:502
2.970	142.9	140	**420**	**140**	2.1551
2.970	ND	ND	**ND**	**<4**	Err:502
2.970	ND	ND	**ND**	**<4**	Err:502
2.970	ND	ND	**ND**	**<10**	Err:502
2.970	ND	ND	**ND**	**<36**	Err:502
2.970	ND	ND	**ND**	**<11**	Err:502
2.970	ND	ND	**ND**	**<11**	Err:502
2.970	ND	ND	**ND**	**<13**	Err:502
2.970	ND	ND	**ND**	**<5**	Err:502
2.970	ND	ND	**ND**	**<4**	Err:502
2.970	ND	ND	**ND**	**<16**	Err:502
2.970	ND	ND	**ND**	**<2**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	23.23
K02	628	*Alternaria alternata*	0.00	23.23
K03	532	*Aspergillus flavus*	0.00	23.23
K04	526	*Aspergillus fumigatus*	0.00	23.23
K05	88	*Aspergillus niger*	0.00	23.23
K06	426	*Aspergillus ochraceus*	0.00	23.23
K07	421	*Aspergillus sydowii*	0.00	23.23
K08	427	*Aspergillus ustus*	0.00	23.23
K09	524	*Aspergillus versicolor*	0.00	23.23
K10	530	*Eurotium (Asp.) amstelodami*	0.00	23.23
K11	539	*Chaetomium globosum*	0.00	23.23
K12a	174	*Cladosporium cladosporioides* (Type-1)	0.00	23.1
K15	394	*Memnoniella echinata*	0.00	23.23
K16	75	*Paecilomyces variotii*	0.00	23.23
K17	441	*Penicillium aurantiogriseum*	0.00	23.23
K18	435	*Penicillium brevicompactum*	0.00	23.23
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	23.23
K35	306	*Penicillium purpurogenum*	0.00	23.23
K36	322	*Penicillium variabile*	0.00	23.23
K22	408	*Scopulariopsis brevicaulis*	0.00	23.23
K23	388	*Stachybotrys chartarum*	0.00	23.23
K24	405	*Trichoderma viride*	0.00	23.23
K25	630	*Ulocladium botrytis*	0.00	23.23

Sample ID	08001-1 P14BL/	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
1.000	ND	ND	**ND**	**<53**	Err:502
1.000	ND	ND	**ND**	**<82**	Err:502
1.000	ND	ND	**ND**	**<235**	Err:502
1.000	ND	ND	**ND**	**<23**	Err:502
1.000	ND	ND	**ND**	**<32**	Err:502
1.000	ND	ND	**ND**	**<227**	Err:502
1.000	ND	ND	**ND**	**<794**	Err:502
1.000	ND	ND	**ND**	**<34**	Err:502
1.000	ND	ND	**ND**	**<359**	Err:502
1.000	ND	ND	**ND**	**<13**	Err:502
1.000	ND	ND	**ND**	**<13**	Err:502
1.000	ND	ND	**ND**	**<8**	Err:502
1.000	ND	ND	**ND**	**<12**	Err:502
1.000	ND	ND	**ND**	**<12**	Err:502
1.000	ND	ND	**ND**	**<36**	Err:502
1.000	ND	ND	**ND**	**<125**	Err:502
1.000	ND	ND	**ND**	**<37**	Err:502
1.000	ND	ND	**ND**	**<37**	Err:502
1.000	ND	ND	**ND**	**<44**	Err:502
1.000	ND	ND	**ND**	**<16**	Err:502
1.000	ND	ND	**ND**	**<13**	Err:502
1.000	ND	ND	**ND**	**<55**	Err:502
1.000	ND	ND	**ND**	**<5**	Err:502

PCR - 23 Species

Prepared Exclusively For:

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: **21108001-1**

Project ID Number: **820093**

August 24, 2011

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

August 24, 2011
820093

Results:

Fungal ID	Sample ID Air Volume (m3)					
	21108001-1 P21 Out 2.388 m3		21108001-1 P22 2.388 m3		21108001-1 P23 2.376 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Acremonium strictum	43	18	ND	<1	ND	<2
Alternaria alternata	160	66	ND	<3	ND	<3
Aspergillus flavus[a)]	58	24	ND	<4	ND	<5
Aspergillus fumigatus[b)]	570	240	7	3	ND	<1
Aspergillus niger[c)]	610	260	4	2	ND	<1
Aspergillus ochraceus[d)]	300	130	ND	<6	ND	<7
Aspergillus sydowii	ND	<20	ND	<17	ND	<20
Aspergillus ustus	87	36	ND	<1	ND	<1
Aspergillus versicolor	64	27	ND	<8	ND	<9
Eurotium (Asp.) amstelodami[e)]	660	280	ND	<1	ND	<1
Chaetomium globosum	ND	<1	ND	<1	ND	<1
Cladosporium cladosporioides (Type-1)	4800	2000	30	13	5	2
Memnoniella echinata	ND	<1	ND	<1	ND	<1
Paecilomyces variotii	13	5	ND	<1	ND	<1
Penicillium aurantiogriseum[f)]	32	13	ND	<1	ND	<1
Penicillium brevicompactum	160	68	ND	<3	ND	<4
Penicillium chrysogenum (Type 2)	65	27	ND	<1	ND	<1
Penicillium purpurogenum	ND	<1	ND	<1	ND	<1
Penicillium variabile	ND	<1	ND	<1	2	1
Scopulariopsis brevicaulis[g)]	ND	<1	ND	<1	ND	<1
Stachybotrys chartarum	7	3	ND	<1	ND	<1
Trichoderma viride[h)]	ND	<2	ND	<2	ND	<2
Ulocladium botrytis	ND	<1	ND	<1	ND	<1

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Fungal ID	**Sample ID Air Volume (m3)**					
	21108001-1 P24 **2.382 m3**		**21108001-1 P25 Out** **2.388 m3**		**21108001-1 P26 2390** **2.390 m3**	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Acremonium strictum	ND	<2	18	8	ND	<2
Alternaria alternata	ND	<3	34	14	ND	<3
Aspergillus flavus[a)]	ND	<5	ND	<4	ND	<5
Aspergillus fumigatus[b)]	9	4	160	66	ND	<1
Aspergillus niger[c)]	ND	<1	530	220	18	8
Aspergillus ochraceus[d)]	ND	<6	190	80	ND	<6
Aspergillus sydowii	ND	<19	ND	<19	ND	<20
Aspergillus ustus	ND	<1	110	46	ND	<1
Aspergillus versicolor	ND	<8	ND	<8	ND	<9
Eurotium (Asp.) amstelodami[e)]	ND	<1	360	150	ND	<1
Chaetomium globosum	ND	<1	ND	<1	ND	<1
Cladosporium cladosporioides (Type-1)	42	18	4500	1900	33	14
Memnoniella echinata	ND	<1	ND	<1	ND	<1
Paecilomyces variotii	ND	<1	ND	<1	ND	<1
Penicillium aurantiogriseum[f)]	ND	<1	ND	<1	ND	<1
Penicillium brevicompactum	ND	<3	170	72	28	12
Penicillium chrysogenum (Type 2)	ND	<1	ND	<1	ND	<1
Penicillium purpurogenum	ND	<1	ND	<1	ND	<1
Penicillium variabile	ND	<1	6	2	ND	<1
Scopulariopsis brevicaulis[g)]	ND	<1	42	18	ND	<1
Stachybotrys chartarum	ND	<1	ND	<1	ND	<1
Trichoderma viride[h)]	ND	<2	ND	<2	ND	<2
Ulocladium botrytis	ND	<1	3	1	ND	<1

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

August 24, 2011
820093

Fungal ID	**Sample ID Air Volume (m3)**					
	21108001-1 P27		**21108001-1 P28**		**21108001-1 P29 Blank**	
	2.366 m3		**2.149 m3**		**1 sample**	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/sample
Acremonium strictum	ND	<2	ND	<2	ND	<2
Alternaria alternata	ND	<3	ND	<3	ND	<5
Aspergillus flavus[a)]	ND	<5	ND	<5	ND	<8
Aspergillus fumigatus[b)]	ND	<1	ND	<1	ND	<1
Aspergillus niger[c)]	ND	<1	21	10	ND	<2
Aspergillus ochraceus[d)]	ND	<7	ND	<7	ND	<11
Aspergillus sydowii	ND	<20	ND	<21	ND	<36
Aspergillus ustus	ND	<1	ND	<1	ND	<2
Aspergillus versicolor	ND	<9	ND	<9	ND	<15
Eurotium (Asp.) amstelodami[e)]	ND	<1	ND	<1	ND	<1
Chaetomium globosum	ND	<1	ND	<1	ND	<1
Cladosporium cladosporioides (Type-1)	10	4	91	42	ND	<1
Memnoniella echinata	ND	<1	ND	<1	ND	<1
Paecilomyces variotii	ND	<1	ND	<1	ND	<1
Penicillium aurantiogriseum[f)]	ND	<1	ND	<1	ND	<2
Penicillium brevicompactum	17	7	ND	<4	ND	<6
Penicillium chrysogenum (Type 2)	ND	<1	ND	<1	ND	<2
Penicillium purpurogenum	ND	<1	ND	<1	ND	<2
Penicillium variabile	ND	<1	ND	<1	ND	<2
Scopulariopsis brevicaulis[g)]	ND	<1	ND	<1	ND	<1
Stachybotrys chartarum	ND	<1	ND	<1	ND	<1
Trichoderma viride[h)]	ND	<2	ND	<2	ND	<3
Ulocladium botrytis	ND	<1	ND	<1	ND	<1

* SE = Spore Equivalents, ND = Not Detected

[a)] Includes *A. flavus* and *A. oryzae*
[b)] Includes *A. fumigatus* and *Neosartorya fischeri*
[c)] Includes *A. niger, A. foetidus* and *A. phoenicis*
[d)] Includes *A. ochraceus* and *A. ostianus*
[e)] Includes *E. amstelodami, E. chevalieri, E. herbariorum, E. rubrum* and *E. repens*
[f)] Includes *P. aurantiogriseum, P. freii, P. polonicum, P. tricolor* and *P. viridicatum*
[g)] Includes *S. brevicaulis* and *S. fusca*
[h)] Includes *T. viride, T. atroviride* and *T. koningii*

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P&K #	EPA #	Species	Target CT
K01	547	*Acremonium strictum*	35.70
K02	628	*Alternaria alternata*	34.26
K03	532	*Aspergillus flavus*	37.42
K04	526	*Aspergillus fumigatus*	30.59
K05	88	*Aspergillus niger*	30.79
K06	426	*Aspergillus ochraceus*	34.93
K07	421	*Aspergillus sydowii*	0.00
K08	427	*Aspergillus ustus*	33.87
K09	524	*Aspergillus versicolor*	38.13
K10	530	*Eurotium (Asp.) amstelodami*	29.80
K11	539	*Chaetomium globosum*	0.00
K12a	174	*Cladosporium cladosporioides* (Type-1)	25.98
K15	394	*Memnoniella echinata*	0.00
K16	75	*Paecilomyces variotii*	35.25
K17	441	*Penicillium aurantiogriseum*	35.53
K18	435	*Penicillium brevicompactum*	34.97
K19	467	*Penicillium chrysogenum* (Type 2)	34.55
K35	306	*Penicillium purpurogenum*	0.00
K36	322	*Penicillium variabile*	0.00
K22	408	*Scopulariopsis brevicaulis*	0.00
K23	388	*Stachybotrys chartarum*	36.22
K24	405	*Trichoderma viride*	0.00
K25	630	*Ulocladium botrytis*	0.00

Sample ID	21108001-1 P21 Out	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Client Name	Hygiene Technologies International, Inc
Street	3625 Del Amo Boulevard, Suite 180
City and State	Torrance, CA 90503-8370
Client project ID	21108001-1
Samples Submitted By:	Larry Sandhu, Wesley Frey
Date Sampled:	8/20/11
Date Samples Received:	8/22/11
Date Analysis Completed:	August 24, 2011
EMLabP&K Project ID:	820093

Geo CT	Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
18.63	2.388	18.0	18	**43**	**18**	1.2550
18.63	2.388	65.8	66	**160**	**66**	1.8184
18.63	2.388	24.5	24	**58**	**24**	1.3887
18.63	2.388	237.8	240	**570**	**240**	2.3763
18.63	2.388	257.5	260	**610**	**260**	2.4107
18.63	2.388	125.7	130	**300**	**130**	2.0995
18.63	2.388	ND	ND	**ND**	**<20**	Err:502
18.63	2.388	36.4	36	**87**	**36**	1.5606
18.63	2.388	26.6	27	**64**	**27**	1.4255
18.63	2.388	276.3	280	**660**	**280**	2.4413
18.63	2.388	ND	ND	**ND**	**<1**	Err:502
18.63	2.388	2027.2	2000	**4800**	**2000**	3.3069
18.63	2.388	ND	ND	**ND**	**<1**	Err:502
18.63	2.388	5.3	5	**13**	**5**	0.7269
18.63	2.388	13.4	13	**32**	**13**	1.1287
18.63	2.388	68.3	68	**160**	**68**	1.8341
18.63	2.388	27.2	27	**65**	**27**	1.4353
18.63	2.388	ND	ND	**ND**	**<1**	Err:502
18.63	2.388	ND	ND	**ND**	**<1**	Err:502
18.63	2.388	ND	ND	**ND**	**<1**	Err:502
18.63	2.388	3.1	3	**7**	**3**	0.4858
18.63	2.388	ND	ND	**ND**	**<2**	Err:502
18.63	2.388	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.40
K02	628	*Alternaria alternata*	0.00	18.40
K03	532	*Aspergillus flavus*	0.00	18.40
K04	526	*Aspergillus fumigatus*	36.90	18.40
K05	88	*Aspergillus niger*	38.44	18.40
K06	426	*Aspergillus ochraceus*	0.00	18.40
K07	421	*Aspergillus sydowii*	0.00	18.40
K08	427	*Aspergillus ustus*	0.00	18.40
K09	524	*Aspergillus versicolor*	0.00	18.40
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.40
K11	539	*Chaetomium globosum*	0.00	18.40
K12a	174	*Cladosporium cladosporioides* (Type-1)	33.27	18.40
K15	394	*Memnoniella echinata*	0.00	18.40
K16	75	*Paecilomyces variotii*	0.00	18.40
K17	441	*Penicillium aurantiogriseum*	0.00	18.40
K18	435	*Penicillium brevicompactum*	0.00	18.40
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.40
K35	306	*Penicillium purpurogenum*	0.00	18.40
K36	322	*Penicillium variabile*	0.00	18.40
K22	408	*Scopulariopsis brevicaulis*	0.00	18.40
K23	388	*Stachybotrys chartarum*	0.00	18.40
K24	405	*Trichoderma viride*	0.00	18.40
K25	630	*Ulocladium botrytis*	0.00	18.40

Sample ID	21108001-1 P22	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<3**	Err:502
2.388	ND	ND	**ND**	**<4**	Err:502
2.388	3.0	3	**7**	**3**	0.4765
2.388	1.6	2	**4**	**2**	0.2058
2.388	ND	ND	**ND**	**<6**	Err:502
2.388	ND	ND	**ND**	**<17**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<8**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	12.6	13	**30**	**13**	1.0987
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<3**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<2**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.67
K02	628	*Alternaria alternata*	0.00	18.67
K03	532	*Aspergillus flavus*	0.00	18.67
K04	526	*Aspergillus fumigatus*	0.00	18.67
K05	88	*Aspergillus niger*	0.00	18.67
K06	426	*Aspergillus ochraceus*	0.00	18.67
K07	421	*Aspergillus sydowii*	0.00	18.67
K08	427	*Aspergillus ustus*	0.00	18.67
K09	524	*Aspergillus versicolor*	0.00	18.67
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.67
K11	539	*Chaetomium globosum*	0.00	18.67
K12a	174	*Cladosporium cladosporioides* (Type-1)	36.16	18.67
K15	394	*Memnoniella echinata*	0.00	18.67
K16	75	*Paecilomyces variotii*	0.00	18.67
K17	441	*Penicillium aurantiogriseum*	0.00	18.67
K18	435	*Penicillium brevicompactum*	0.00	18.67
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.67
K35	306	*Penicillium purpurogenum*	0.00	18.67
K36	322	*Penicillium variabile*	39.70	18.67
K22	408	*Scopulariopsis brevicaulis*	0.00	18.67
K23	388	*Stachybotrys chartarum*	0.00	18.67
K24	405	*Trichoderma viride*	0.00	18.67
K25	630	*Ulocladium botrytis*	0.00	18.67

Sample ID	21108001-1 P23	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.376	ND	ND	**ND**	**<2**	Err:502
2.376	ND	ND	**ND**	**<3**	Err:502
2.376	ND	ND	**ND**	**<5**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<7**	Err:502
2.376	ND	ND	**ND**	**<20**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<9**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	2.1	2	**5**	**2**	0.3316
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<4**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	1.0	1	**2**	**1**	0.0056
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502
2.376	ND	ND	**ND**	**<2**	Err:502
2.376	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.58
K02	628	*Alternaria alternata*	0.00	18.58
K03	532	*Aspergillus flavus*	0.00	18.58
K04	526	*Aspergillus fumigatus*	36.76	18.58
K05	88	*Aspergillus niger*	0.00	18.58
K06	426	*Aspergillus ochraceus*	0.00	18.58
K07	421	*Aspergillus sydowii*	0.00	18.58
K08	427	*Aspergillus ustus*	0.00	18.58
K09	524	*Aspergillus versicolor*	0.00	18.58
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.58
K11	539	*Chaetomium globosum*	0.00	18.58
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.95	18.58
K15	394	*Memnoniella echinata*	0.00	18.58
K16	75	*Paecilomyces variotii*	0.00	18.58
K17	441	*Penicillium aurantiogriseum*	0.00	18.58
K18	435	*Penicillium brevicompactum*	0.00	18.58
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.58
K35	306	*Penicillium purpurogenum*	0.00	18.58
K36	322	*Penicillium variabile*	0.00	18.58
K22	408	*Scopulariopsis brevicaulis*	0.00	18.58
K23	388	*Stachybotrys chartarum*	0.00	18.58
K24	405	*Trichoderma viride*	0.00	18.58
K25	630	*Ulocladium botrytis*	0.00	18.58

Sample ID	21108001-1 P24	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.382	ND	ND	**ND**	**<2**	Err:502
2.382	ND	ND	**ND**	**<3**	Err:502
2.382	ND	ND	**ND**	**<5**	Err:502
2.382	3.7	4	**9**	**4**	0.5706
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<6**	Err:502
2.382	ND	ND	**ND**	**<19**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<8**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	17.6	18	**42**	**18**	1.2466
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<3**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502
2.382	ND	ND	**ND**	**<2**	Err:502
2.382	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	36.97	18.57
K02	628	*Alternaria alternata*	36.84	18.57
K03	532	*Aspergillus flavus*	0.00	18.57
K04	526	*Aspergillus fumigatus*	32.44	18.57
K05	88	*Aspergillus niger*	30.95	18.57
K06	426	*Aspergillus ochraceus*	35.62	18.57
K07	421	*Aspergillus sydowii*	0.00	18.57
K08	427	*Aspergillus ustus*	33.43	18.57
K09	524	*Aspergillus versicolor*	0.00	18.57
K10	530	*Eurotium (Asp.) amstelodami*	30.61	18.57
K11	539	*Chaetomium globosum*	0.00	18.57
K12a	174	*Cladosporium cladosporioides* (Type-1)	26.02	18.57
K15	394	*Memnoniella echinata*	0.00	18.57
K16	75	*Paecilomyces variotii*	0.00	18.57
K17	441	*Penicillium aurantiogriseum*	0.00	18.57
K18	435	*Penicillium brevicompactum*	34.82	18.57
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.57
K35	306	*Penicillium purpurogenum*	0.00	18.57
K36	322	*Penicillium variabile*	38.33	18.57
K22	408	*Scopulariopsis brevicaulis*	33.85	18.57
K23	388	*Stachybotrys chartarum*	0.00	18.57
K24	405	*Trichoderma viride*	0.00	18.57
K25	630	*Ulocladium botrytis*	36.09	18.57

Sample ID	21108001-1 P25 Out	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.388	7.5	8	**18**	**8**	0.8778
2.388	14.4	14	**34**	**14**	1.1575
2.388	ND	ND	**ND**	**<4**	Err:502
2.388	66.3	66	**160**	**66**	1.8215
2.388	223.4	220	**530**	**220**	2.3491
2.388	80.0	80	**190**	**80**	1.9030
2.388	ND	ND	**ND**	**<19**	Err:502
2.388	46.2	46	**110**	**46**	1.6648
2.388	ND	ND	**ND**	**<8**	Err:502
2.388	149.9	150	**360**	**150**	2.1757
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	1894.7	1900	**4500**	**1900**	3.2775
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	72.2	72	**170**	**72**	1.8585
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	2.4	2	**6**	**2**	0.3779
2.388	17.5	18	**42**	**18**	1.2433
2.388	ND	ND	**ND**	**<1**	Err:502
2.388	ND	ND	**ND**	**<2**	Err:502
2.388	1.1	1	**3**	**1**	0.0448

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.64
K02	628	*Alternaria alternata*	0.00	18.64
K03	532	*Aspergillus flavus*	0.00	18.64
K04	526	*Aspergillus fumigatus*	0.00	18.64
K05	88	*Aspergillus niger*	36.28	18.64
K06	426	*Aspergillus ochraceus*	0.00	18.64
K07	421	*Aspergillus sydowii*	0.00	18.64
K08	427	*Aspergillus ustus*	0.00	18.64
K09	524	*Aspergillus versicolor*	0.00	18.64
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.64
K11	539	*Chaetomium globosum*	0.00	18.64
K12a	174	*Cladosporium cladosporioides* (Type-1)	33.39	18.64
K15	394	*Memnoniella echinata*	0.00	18.64
K16	75	*Paecilomyces variotii*	0.00	18.64
K17	441	*Penicillium aurantiogriseum*	0.00	18.64
K18	435	*Penicillium brevicompactum*	37.81	18.64
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.64
K35	306	*Penicillium purpurogenum*	0.00	18.64
K36	322	*Penicillium variabile*	0.00	18.64
K22	408	*Scopulariopsis brevicaulis*	0.00	18.64
K23	388	*Stachybotrys chartarum*	0.00	18.64
K24	405	*Trichoderma viride*	0.00	18.64
K25	630	*Ulocladium botrytis*	0.00	18.64

Sample ID	21108001-1 P26 2390	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.390	ND	ND	**ND**	**<2**	Err:502
2.390	ND	ND	**ND**	**<3**	Err:502
2.390	ND	ND	**ND**	**<5**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	7.5	8	**18**	**8**	0.8770
2.390	ND	ND	**ND**	**<6**	Err:502
2.390	ND	ND	**ND**	**<20**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<9**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	13.6	14	**33**	**14**	1.1336
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	11.7	12	**28**	**12**	1.0685
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502
2.390	ND	ND	**ND**	**<2**	Err:502
2.390	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.65
K02	628	*Alternaria alternata*	0.00	18.65
K03	532	*Aspergillus flavus*	0.00	18.65
K04	526	*Aspergillus fumigatus*	0.00	18.65
K05	88	*Aspergillus niger*	0.00	18.65
K06	426	*Aspergillus ochraceus*	0.00	18.65
K07	421	*Aspergillus sydowii*	0.00	18.65
K08	427	*Aspergillus ustus*	0.00	18.65
K09	524	*Aspergillus versicolor*	0.00	18.65
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.65
K11	539	*Chaetomium globosum*	0.00	18.65
K12a	174	*Cladosporium cladosporioides* (Type-1)	35.08	18.65
K15	394	*Memnoniella echinata*	0.00	18.65
K16	75	*Paecilomyces variotii*	0.00	18.65
K17	441	*Penicillium aurantiogriseum*	0.00	18.65
K18	435	*Penicillium brevicompactum*	38.60	18.65
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.65
K35	306	*Penicillium purpurogenum*	0.00	18.65
K36	322	*Penicillium variabile*	0.00	18.65
K22	408	*Scopulariopsis brevicaulis*	0.00	18.65
K23	388	*Stachybotrys chartarum*	0.00	18.65
K24	405	*Trichoderma viride*	0.00	18.65
K25	630	*Ulocladium botrytis*	0.00	18.65

Sample ID	21108001-1 P27	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.366	ND	ND	**ND**	**<2**	Err:502
2.366	ND	ND	**ND**	**<3**	Err:502
2.366	ND	ND	**ND**	**<5**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<7**	Err:502
2.366	ND	ND	**ND**	**<20**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<9**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	4.4	4	**10**	**4**	0.6446
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	7.3	7	**17**	**7**	0.8620
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502
2.366	ND	ND	**ND**	**<2**	Err:502
2.366	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.58
K02	628	*Alternaria alternata*	0.00	18.58
K03	532	*Aspergillus flavus*	0.00	18.58
K04	526	*Aspergillus fumigatus*	0.00	18.58
K05	88	*Aspergillus niger*	35.95	18.58
K06	426	*Aspergillus ochraceus*	0.00	18.58
K07	421	*Aspergillus sydowii*	0.00	18.58
K08	427	*Aspergillus ustus*	0.00	18.58
K09	524	*Aspergillus versicolor*	0.00	18.58
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.58
K11	539	*Chaetomium globosum*	0.00	18.58
K12a	174	*Cladosporium cladosporioides* (Type-1)	31.81	18.58
K15	394	*Memnoniella echinata*	0.00	18.58
K16	75	*Paecilomyces variotii*	0.00	18.58
K17	441	*Penicillium aurantiogriseum*	0.00	18.58
K18	435	*Penicillium brevicompactum*	0.00	18.58
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.58
K35	306	*Penicillium purpurogenum*	0.00	18.58
K36	322	*Penicillium variabile*	0.00	18.58
K22	408	*Scopulariopsis brevicaulis*	0.00	18.58
K23	388	*Stachybotrys chartarum*	0.00	18.58
K24	405	*Trichoderma viride*	0.00	18.58
K25	630	*Ulocladium botrytis*	0.00	18.58

Sample ID	21108001-1 P28	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.149	ND	ND	**ND**	**<2**	Err:502
2.149	ND	ND	**ND**	**<3**	Err:502
2.149	ND	ND	**ND**	**<5**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	10.0	10	**21**	**10**	0.9987
2.149	ND	ND	**ND**	**<7**	Err:502
2.149	ND	ND	**ND**	**<21**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<9**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	42.3	42	**91**	**42**	1.6261
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<4**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502
2.149	ND	ND	**ND**	**<2**	Err:502
2.149	ND	ND	**ND**	**<1**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0.00	18.20
K02	628	*Alternaria alternata*	0.00	18.20
K03	532	*Aspergillus flavus*	0.00	18.20
K04	526	*Aspergillus fumigatus*	0.00	18.20
K05	88	*Aspergillus niger*	0.00	18.20
K06	426	*Aspergillus ochraceus*	0.00	18.20
K07	421	*Aspergillus sydowii*	0.00	18.20
K08	427	*Aspergillus ustus*	0.00	18.20
K09	524	*Aspergillus versicolor*	0.00	18.20
K10	530	*Eurotium (Asp.) amstelodami*	0.00	18.20
K11	539	*Chaetomium globosum*	0.00	18.20
K12a	174	*Cladosporium cladosporioides* (Type-1)	0.00	18.20
K15	394	*Memnoniella echinata*	0.00	18.20
K16	75	*Paecilomyces variotii*	0.00	18.20
K17	441	*Penicillium aurantiogriseum*	0.00	18.20
K18	435	*Penicillium brevicompactum*	0.00	18.20
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	18.20
K35	306	*Penicillium purpurogenum*	0.00	18.20
K36	322	*Penicillium variabile*	0.00	18.20
K22	408	*Scopulariopsis brevicaulis*	0.00	18.20
K23	388	*Stachybotrys chartarum*	0.00	18.20
K24	405	*Trichoderma viride*	0.00	18.20
K25	630	*Ulocladium botrytis*	0.00	18.20

Sample ID	21108001-1 P29 Blank	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<5**	Err:502
1.000	ND	ND	**ND**	**<8**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<11**	Err:502
1.000	ND	ND	**ND**	**<36**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<15**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<6**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<2**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502
1.000	ND	ND	**ND**	**<3**	Err:502
1.000	ND	ND	**ND**	**<1**	Err:502

PCR - Custom Panel

Prepared Exclusively For:

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: 1108001-1

Project ID Number: 820093

August 24, 2011

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

August 24, 2011
820093

Results:

Fungal ID	Sample ID Air Volume					
	21108001-1 P21 Out 2.388 m3		21108001-1 P22 2.388 m3		21108001-1 P23 2.376 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Cladosporium cladosporioides-1	4800	2000	30	13	5	2
Cladosporium cladosporioides-2	2000	830	15	6	11	5
Cladosporium herbarum	4800	2000	12	5	1	1
Cladosporium sphaerospermum	ND	<2	11	4	ND	<2

Fungal ID	Sample ID Air Volume					
	21108001-1 P24 2.382 m3		21108001-1 P25 Out 2.388 m3		21108001-1 P26 2.390 m3	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/m3
Cladosporium cladosporioides-1	42	18	4500	1900	33	14
Cladosporium cladosporioides-2	16	7	2400	1000	20	8
Cladosporium herbarum	1	1	3100	1300	37	16
Cladosporium sphaerospermum	12	5	ND	<2	17	7

Fungal ID	Sample ID Air Volume					
	21108001-1 P27 2.366 m3		21108001-1 P28 2.149 m3		21108001-1 P29 Blank 1 sample	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/sample
Cladosporium cladosporioides-1	10	4	91	42	ND	<1
Cladosporium cladosporioides-2	11	5	14	7	ND	<1
Cladosporium herbarum	ND	<1	8	4	ND	<1
Cladosporium sphaerospermum	ND	<2	17	8	ND	<3

* SE = Spore Equivalents, ND = Not Detected

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P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0.00	18.63
K12a	174	*Cladosporium cladosporioides* (Type-1)	25.98	18.63
K12b	178	*Cladosporium cladosporioides* (Type-2)	27.77	18.63
K42	69	*Cladosporium herbarum*	24.81	18.63

Sample ID	1108001-1 P21 Ou	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Client Name	Hygiene Technologies International, Inc
Street	3625 Del Amo Boulevard, Suite 180
City and State	Torrance, CA 90503-8370

Client project ID	21108001-1
Samples Submitted By:	Larry Sandhu, Wesley Frey
Date Sampled:	8/20/11
Date Samples Received:	8/22/11
Date Analysis Completed:	August 24, 2011
EMLabP&K Project ID:	820093

Air [m3]	N rounded	Spores per m3
2.4	**ND**	**<2**
2.4	**4800**	**2000**
2.4	**2000**	**830**
2.4	**4800**	**2000**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	37.98	18.4
K12a	174	*Cladosporium cladosporioides* (Type-1)	33.27	18.4
K12b	178	*Cladosporium cladosporioides* (Type-2)	34.88	18.4
K42	69	*Cladosporium herbarum*	32.91	18.4
Sample ID	21108001-1 P22	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**11**	**4**
2.4	**30**	**13**
2.4	**15**	**6**
2.4	**12**	**5**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0.00	18.67
K12a	174	*Cladosporium cladosporioides* (Type-1)	36.16	18.67
K12b	178	*Cladosporium cladosporioides* (Type-2)	35.62	18.67
K42	69	*Cladosporium herbarum*	36.58	18.67
Sample ID	21108001-1 P23	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**ND**	**<2**
2.4	**5**	**2**
2.4	**11**	**5**
2.4	**1**	**1**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	37.99	18.58
K12a	174	*Cladosporium cladosporioides* (Type-1)	32.95	18.58
K12b	178	*Cladosporium cladosporioides* (Type-2)	35.00	18.58
K42	69	*Cladosporium herbarum*	36.83	18.58
Sample ID	21108001-1 P24	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**12**	**5**
2.4	**42**	**18**
2.4	**16**	**7**
2.4	**1**	**1**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0.00	18.57
K12a	174	*Cladosporium cladosporioides* (Type-1)	26.02	18.57
K12b	178	*Cladosporium cladosporioides* (Type-2)	27.41	18.57
K42	69	*Cladosporium herbarum*	25.35	18.57
Sample ID	21108001-1 P25 Out	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**ND**	**<2**
2.4	**4500**	**1900**
2.4	**2400**	**1000**
2.4	**3100**	**1300**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	37.50	18.64
K12a	174	*Cladosporium cladosporioides* (Type-1)	33.39	18.64
K12b	178	*Cladosporium cladosporioides* (Type-2)	34.74	18.64
K42	69	*Cladosporium herbarum*	31.60	18.64
Sample ID	21108001-1 P26	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**17**	**7**
2.4	**33**	**14**
2.4	**20**	**8**
2.4	**37**	**16**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0.00	18.65
K12a	174	*Cladosporium cladosporioides* (Type-1)	35.08	18.65
K12b	178	*Cladosporium cladosporioides* (Type-2)	35.68	18.65
K42	69	*Cladosporium herbarum*	0.00	18.65
Sample ID	21108001-1 P27	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.4	**ND**	**<2**
2.4	**10**	**4**
2.4	**11**	**5**
2.4	**ND**	**<1**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	37.44	18.58
K12a	174	*Cladosporium cladosporioides* (Type-1)	31.81	18.58
K12b	178	*Cladosporium cladosporioides* (Type-2)	35.15	18.58
K42	69	*Cladosporium herbarum*	33.66	18.58
Sample ID	21108001-1 P28	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.1	**17**	**8**
2.1	**91**	**42**
2.1	**14**	**7**
2.1	**8**	**4**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0.00	18.2
K12a	174	*Cladosporium cladosporioides* (Type-1)	0.00	18.2
K12b	178	*Cladosporium cladosporioides* (Type-2)	0.00	18.2
K42	69	*Cladosporium herbarum*	0.00	18.2
Sample ID	21108001-1 P29 Blank	Internal Reference (Geo)		
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
1.0	**ND**	**<3**
1.0	**ND**	**<1**
1.0	**ND**	**<1**
1.0	**ND**	**<1**

PCR - 23 Species

Prepared Exclusively For:

Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Project Name: **21108001-1**

Project ID Number: **812107**

August 24, 2011

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Hygiene Technologies International, Inc
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

August 24, 2011
812107

Results:

Fungal ID	Sample ID Air Volume (m3)					
	21108001-1 P11M 2.990 m3		21108001-1 P12M 2.995 m3		21108001-1 P13BLANK 1 sample	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/sample
Acremonium strictum	ND	<42	ND	<34	ND	<120
Alternaria alternata	190	65	ND	<49	ND	<170
Aspergillus flavus[a)]	1100	360	ND	<158	ND	<562
Aspergillus fumigatus[b)]	3000	1000	1300	420	ND	<54
Aspergillus niger[c)]	2300	770	3300	1100	ND	<72
Aspergillus ochraceus[d)]	ND	<169	690	230	ND	<487
Aspergillus sydowii	ND	<605	ND	<498	ND	<1741
Aspergillus ustus	ND	<26	200	66	ND	<74
Aspergillus versicolor	ND	<279	ND	<229	ND	<802
Eurotium (Asp.) amstelodami[e)]	3600	1200	2800	940	ND	<32
Chaetomium globosum	ND	<10	ND	<9	ND	<29
Cladosporium cladosporioides (Type-1)	47000	16000	22000	7500	ND	<14
Memnoniella echinata	ND	<10	ND	<8	ND	<27
Paecilomyces variotii	ND	<10	51	17	ND	<28
Penicillium aurantiogriseum[f)]	ND	<30	ND	<25	ND	<86
Penicillium brevicompactum	1000	330	4700	1600	ND	<275
Penicillium chrysogenum (Type 2)	ND	<31	ND	<25	ND	<87
Penicillium purpurogenum	ND	<28	ND	<23	ND	<81
Penicillium variabile	1200	400	ND	<29	ND	<103
Scopulariopsis brevicaulis[g)]	190	65	ND	<11	ND	<37
Stachybotrys chartarum	ND	<11	ND	<9	ND	<30
Trichoderma viride[h)]	ND	<40	ND	<34	ND	<115
Ulocladium botrytis	ND	<4	ND	<3	ND	<11

* SE = Spore Equivalents, ND = Not Detected

[a)] Includes *A. flavus* and *A. oryzae*
[b)] Includes *A. fumigatus* and *Neosartorya fischeri*
[c)] Includes *A. niger, A. foetidus* and *A. phoenicis*
[d)] Includes *A. ochraceus* and *A. ostianus*
[e)] Includes *E. amstelodami, E. chevalieri, E. herbariorum, E. rubrum* and *E. repens*
[f)] Includes *P. aurantiogriseum, P. freii, P. polonicum, P. tricolor* and *P. viridicatum*
[g)] Includes *S. brevicaulis* and *S. fusca*
[h)] Includes *T. viride, T. atroviride* and *T. koningii*

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P&K #	EPA #	Species	Target CT
K01	547	*Acremonium strictum*	0
K02	628	*Alternaria alternata*	39.82
K03	532	*Aspergillus flavus*	39.12
K04	526	*Aspergillus fumigatus*	34.01
K05	88	*Aspergillus niger*	34.68
K06	426	*Aspergillus ochraceus*	0.00
K07	421	*Aspergillus sydowii*	0.00
K08	427	*Aspergillus ustus*	0.00
K09	524	*Aspergillus versicolor*	0.00
K10	530	*Eurotium (Asp.) amstelodami*	33.32
K11	539	*Chaetomium globosum*	0.00
K12a	174	*Cladosporium cladosporioides* (Type-1)	28.90
K15	394	*Memnoniella echinata*	0.00
K16	75	*Paecilomyces variotii*	0.00
K17	441	*Penicillium aurantiogriseum*	0.00
K18	435	*Penicillium brevicompactum*	37.99
K19	467	*Penicillium chrysogenum* (Type 2)	0.00
K35	306	*Penicillium purpurogenum*	0.00
K36	322	*Penicillium variabile*	36.44
K22	408	*Scopulariopsis brevicaulis*	37.55
K23	388	*Stachybotrys chartarum*	0.00
K24	405	*Trichoderma viride*	0.00
K25	630	*Ulocladium botrytis*	0.00

Sample ID	21108001-1 P11M	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Client Name	Hygiene Technologies International, Inc
Street	3625 Del Amo Boulevard, Suite 180
City and State	Torrance, CA 90503-8370
Client project ID	21108001-1
Samples Submitted By:	Larry Sandhu
Date Sampled:	8/1/11
Date Samples Received:	8/3/11
Date Analysis Completed:	August 24, 2011
EMLabP&K Project ID:	812107

Geo CT	Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
24.56	2.990	ND	ND	**ND**	**<42**	Err:502
24.56	2.990	65.1	65	**190**	**65**	1.8134
24.56	2.990	358.3	360	**1100**	**360**	2.5543
24.56	2.990	1018.1	1000	**3000**	**1000**	3.0078
24.56	2.990	765.4	770	**2300**	**770**	2.8839
24.56	2.990	ND	ND	**ND**	**<169**	Err:502
24.56	2.990	ND	ND	**ND**	**<605**	Err:502
24.56	2.990	ND	ND	**ND**	**<26**	Err:502
24.56	2.990	ND	ND	**ND**	**<279**	Err:502
24.56	2.990	1200.5	1200	**3600**	**1200**	3.0794
24.56	2.990	ND	ND	**ND**	**<10**	Err:502
24.9	2.990	15594.3	16000	**47000**	**16000**	4.1930
24.56	2.990	ND	ND	**ND**	**<10**	Err:502
24.56	2.990	ND	ND	**ND**	**<10**	Err:502
24.56	2.990	ND	ND	**ND**	**<30**	Err:502
24.56	2.990	333.7	330	**1000**	**330**	2.5234
24.56	2.990	ND	ND	**ND**	**<31**	Err:502
24.56	2.990	ND	ND	**ND**	**<28**	Err:502
24.56	2.990	401.7	400	**1200**	**400**	2.6039
24.56	2.990	64.8	65	**190**	**65**	1.8118
24.56	2.990	ND	ND	**ND**	**<11**	Err:502
24.56	2.990	ND	ND	**ND**	**<40**	Err:502
24.56	2.990	ND	ND	**ND**	**<4**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0	24.25
K02	628	*Alternaria alternata*	0.00	24.25
K03	532	*Aspergillus flavus*	0.00	24.25
K04	526	*Aspergillus fumigatus*	35.02	24.25
K05	88	*Aspergillus niger*	33.79	24.25
K06	426	*Aspergillus ochraceus*	39.17	24.25
K07	421	*Aspergillus sydowii*	0.00	24.25
K08	427	*Aspergillus ustus*	38.18	24.25
K09	524	*Aspergillus versicolor*	0.00	24.25
K10	530	*Eurotium (Asp.) amstelodami*	33.36	24.25
K11	539	*Chaetomium globosum*	0.00	24.25
K12a	174	*Cladosporium cladosporioides* (Type-1)	28.79	23.7
K15	394	*Memnoniella echinata*	0.00	24.25
K16	75	*Paecilomyces variotii*	38.87	24.25
K17	441	*Penicillium aurantiogriseum*	0.00	24.25
K18	435	*Penicillium brevicompactum*	35.20	24.25
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	24.25
K35	306	*Penicillium purpurogenum*	0.00	24.25
K36	322	*Penicillium variabile*	0.00	24.25
K22	408	*Scopulariopsis brevicaulis*	0.00	24.25
K23	388	*Stachybotrys chartarum*	0.00	24.25
K24	405	*Trichoderma viride*	0.00	24.25
K25	630	*Ulocladium botrytis*	0.00	24.25

Sample ID	1108001-1 P12N	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
2.995	ND	ND	**ND**	**<34**	Err:502
2.995	ND	ND	**ND**	**<49**	Err:502
2.995	ND	ND	**ND**	**<158**	Err:502
2.995	420.4	420	**1300**	**420**	2.6236
2.995	1110.3	1100	**3300**	**1100**	3.0454
2.995	230.4	230	**690**	**230**	2.3625
2.995	ND	ND	**ND**	**<498**	Err:502
2.995	66.3	66	**200**	**66**	1.8216
2.995	ND	ND	**ND**	**<229**	Err:502
2.995	937.1	940	**2800**	**940**	2.9718
2.995	ND	ND	**ND**	**<9**	Err:502
2.995	7450.2	7500	**22000**	**7500**	3.8722
2.995	ND	ND	**ND**	**<8**	Err:502
2.995	16.9	17	**51**	**17**	1.2286
2.995	ND	ND	**ND**	**<25**	Err:502
2.995	1560.4	1600	**4700**	**1600**	3.1932
2.995	ND	ND	**ND**	**<25**	Err:502
2.995	ND	ND	**ND**	**<23**	Err:502
2.995	ND	ND	**ND**	**<29**	Err:502
2.995	ND	ND	**ND**	**<11**	Err:502
2.995	ND	ND	**ND**	**<9**	Err:502
2.995	ND	ND	**ND**	**<34**	Err:502
2.995	ND	ND	**ND**	**<3**	Err:502

P&K #	EPA #	Species	Target CT	Geo CT
K01	547	*Acremonium strictum*	0	24.50
K02	628	*Alternaria alternata*	0.00	24.50
K03	532	*Aspergillus flavus*	0.00	24.50
K04	526	*Aspergillus fumigatus*	0.00	24.50
K05	88	*Aspergillus niger*	0.00	24.50
K06	426	*Aspergillus ochraceus*	0.00	24.50
K07	421	*Aspergillus sydowii*	0.00	24.50
K08	427	*Aspergillus ustus*	0.00	24.50
K09	524	*Aspergillus versicolor*	0.00	24.50
K10	530	*Eurotium (Asp.) amstelodami*	0.00	24.50
K11	539	*Chaetomium globosum*	0.00	24.50
K12a	174	*Cladosporium cladosporioides* (Type-1)	0.00	23.9
K15	394	*Memnoniella echinata*	0.00	24.50
K16	75	*Paecilomyces variotii*	0.00	24.50
K17	441	*Penicillium aurantiogriseum*	0.00	24.50
K18	435	*Penicillium brevicompactum*	0.00	24.50
K19	467	*Penicillium chrysogenum* (Type 2)	0.00	24.50
K35	306	*Penicillium purpurogenum*	0.00	24.50
K36	322	*Penicillium variabile*	0.00	24.50
K22	408	*Scopulariopsis brevicaulis*	0.00	24.50
K23	388	*Stachybotrys chartarum*	0.00	24.50
K24	405	*Trichoderma viride*	0.00	24.50
K25	630	*Ulocladium botrytis*	0.00	24.50

Sample ID	08001-1 P13BL/	Internal Reference (Geo)	
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Per m3	Spores per m3	Per mg rounded	N rounded	Spores per m3	log N per m3
1.000	ND	ND	**ND**	**<120**	Err:502
1.000	ND	ND	**ND**	**<170**	Err:502
1.000	ND	ND	**ND**	**<562**	Err:502
1.000	ND	ND	**ND**	**<54**	Err:502
1.000	ND	ND	**ND**	**<72**	Err:502
1.000	ND	ND	**ND**	**<487**	Err:502
1.000	ND	ND	**ND**	**<1741**	Err:502
1.000	ND	ND	**ND**	**<74**	Err:502
1.000	ND	ND	**ND**	**<802**	Err:502
1.000	ND	ND	**ND**	**<32**	Err:502
1.000	ND	ND	**ND**	**<29**	Err:502
1.000	ND	ND	**ND**	**<14**	Err:502
1.000	ND	ND	**ND**	**<27**	Err:502
1.000	ND	ND	**ND**	**<28**	Err:502
1.000	ND	ND	**ND**	**<86**	Err:502
1.000	ND	ND	**ND**	**<275**	Err:502
1.000	ND	ND	**ND**	**<87**	Err:502
1.000	ND	ND	**ND**	**<81**	Err:502
1.000	ND	ND	**ND**	**<103**	Err:502
1.000	ND	ND	**ND**	**<37**	Err:502
1.000	ND	ND	**ND**	**<30**	Err:502
1.000	ND	ND	**ND**	**<115**	Err:502
1.000	ND	ND	**ND**	**<11**	Err:502

PCR - Custom Panel

Prepared Exclusively For:

Hygiene Technologies International,Inc
3625 Del A
Torrance,California

Project Name: 21108001-1

Project ID Number: 812107

8/4/11

This report has been prepared at the request of and for the exclusive use of the client named in this report. EMLabP&K will not release results or report to a third party without prior written consent.

Hygiene Technologies International,Inc
3625 Del A
Torrance,California

8/4/11
812107

Results:

Fungal ID	Sample ID Air Volume					
	21108001-1 P11M **2.990 m3**		**21108001-1 P12M** **2.995 m3**		**21108001-1 P13 Blank** **1 sample**	
	SE*	SE/m3	SE*	SE/m3	SE*	SE/sample
Cladosporium cladosporioides-1	47000	16000	22000	7500	ND	<14
Cladosporium cladosporioides-2	10000	3400	4200	1400	ND	<20
Cladosporium herbarum	11000	3700	10000	3400	ND	<4
Cladosporium sphaerospermum	ND	<61	ND	<29	ND	<96

* SE = Spore Equivalents, ND = Not Detected

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P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	24.9
K12a	174	*Cladosporium cladosporioides* (Type-1)	28.9	24.9
K12b	178	*Cladosporium cladosporioides* (Type-2)	31.57	24.9
K42	69	*Cladosporium herbarum*	29.92	24.9

Sample ID	21108001-1 P11M	Internal Reference (Geo)	24.9
		Internal Reference (Geo)	
		Internal Reference (Geo)	

Client Name	Hygiene Technologies International,Inc
Street	3625 Del A
City and State	Torrance,California

Client project ID	21108001-1
Samples Submitted By:	Mr Larry Sandhu
Date Sampled:	8/1/11
Date Samples Received:	8/3/11
Date Analysis Completed:	8/4/11
EMLabP&K Project ID:	812107

Air [m3]	N rounded	Spores per m3
2.99	**ND**	**<61**
2.99	**47000**	**16000**
2.99	**10000**	**3400**
2.99	**11000**	**3700**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.7
K12a	174	*Cladosporium cladosporioides* (Type-1)	28.79	23.7
K12b	178	*Cladosporium cladosporioides* (Type-2)	31.72	23.7
K42	69	*Cladosporium herbarum*	28.82	23.7
Sample ID	21108001-1 P12M	Internal Reference (Geo)	23.7	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
2.995	**ND**	**<29**
2.995	**22000**	**7500**
2.995	**4200**	**1400**
2.995	**10000**	**3400**

P&K #	EPA #	Species	Target CT	Geo CT
K13	416	*Cladosporium sphaerospermum*	0	23.9
K12a	174	*Cladosporium cladosporioides* (Type-1)	0	23.9
K12b	178	*Cladosporium cladosporioides* (Type-2)	0	23.9
K42	69	*Cladosporium herbarum*	0	23.9
Sample ID	21108001-1 P13 Blank	Internal Reference (Geo)	23.9	
		Internal Reference (Geo)		
		Internal Reference (Geo)		

Air [m3]	N rounded	Spores per m3
1.0	**ND**	**<96**
1.0	**ND**	**<14**
1.0	**ND**	**<20**
1.0	**ND**	**<4**

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del A
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000812107

Request For Analysis

Project Number/~~Purchase Order~~: 21108001-1 Date Submitted: 8/1/11

Project Contact: L. Sandhu / W. Troy Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21108001-1 P11M	2990 L	37mm 3pc 0.4μm PCF	PCR custom panel (cladosporium)
P12M	2995 L		
P13BLANK	N/A		

Special Instructions: please analyze for C. cladosporioides (Type 1) C. cladosporioides (Type 2), C. herbarum & C. sphaerosperm

1. Sampled by: [signature] on 8/1/11 @ 8:07 Received by:
2. Relinquished by: [signature] on 8/1/11 @ 7:30 Received by: [signature] 8/1/11 1755
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH
Hygiene Technologies International, Inc.
3625 Del
Torrance, California 90503-1643
(310) 370-8370
(310) 370-2474 FAX
www.hygienetech.com

000812112

Request For Analysis

Project Number/Purchase Order: 21108001-1 Date Submitted: 8/1/11
Project Contact: L. Sandhu/W. Frey Turnaround Required: Normal
Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21108001-1 P01out	2975 L	37mm 3PC 0.4µm PCF	PCR custom panel (Cladosporium)
P02out	2960 L		
P03	2985 L		
P04	2970 L		
P05	2985 L		
P06	2985 L		
P07	2970 L		
P08	2955 L		
P09	2970 L		
P10	2970 L		
P14 BLANK	N/A		

Special Instructions: please analyze for C. cladosporioides (type 1) C. cladosporioides (type 2), C. herbarum & C. sphaerospermum

1. Sampled by: [signature] 8/1/11 @ 17:00 Received by:
2. Relinquished by: [signature] 8/01/11 @ 17:30 Received by: [signature] 8/1/11 1755
3. Relinquished by: [signature] Received by:

Please include signature, date, and time

Lab Use Only:

HYGIENE TECH

Hygiene Technologies International, Inc.

000820093

3020 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~~: ~~[illegible]~~ 21108001-1 Date Submitted: 8/20/11

Project Contact: L. Sandhu / W. Frey Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

	SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
1	21108001-1 P21out	2388 L	37mm 3pc 0.40um PCF	PCR custom panel (Cladosporium) + PCR23
2	21108001-1 P22	2388 L		
3	21108001-1 P23	2376 L		
4	21108001-1 P24	2382 L		
5	21108001-1 P25out	2388 L		
6	21108001-1 P26	2390 L		
7	21108001-1 P27	2366 L		
8	21108001-1 P28	2349 L		
9	21108001-1 P29 BLANK	N/A		

Special Instructions: please analyze for C. cladosporioides (Type 1 & Type 2) C. herbarum & C. sphaerospermum (PCR custom panel Cladosporium)

1. **Sampled by:** L. Sandhu on 8/19/11 @ 9:00 **Received by:**
2. **Relinquished by:** L. Sandhu on 8/20/11 @ 15:00 **Received by:**
3. **Relinquished by:** 8/22/11 **Received by:**

Please include signature, date, and time

Lab Use Only:

EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21108001-2
EML ID: 811602

Approved by:

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 08-05-2011

Service SOPs: Spore trap analysis (1038)

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 correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2-TM01OUT		21108001-2-TM02		21108001-2-TM03		21108001-2-TM04	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3596758-2		3596759-2		3596760-2		3596761-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	7	93						
Arthrinium								
Ascospores*	3	160						
Aureobasidium								
Basidiospores*	4	210					1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	13						
Cladosporium	4	210			7	370	7	370
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium	2	27						
Penicillium/Aspergillus types†	2	110						
Pithomyces								
Rusts*	9	120	1	13	2	27		
Smuts*, Periconia, Myxomycetes*	24	320			1	13	2	27
Stachybotrys								
Stemphylium								
Torula							2	27
Ulocladium								
Background debris (1-4+)††	2+		1+		2+		2+	
Hyphal fragments/m3	110		< 13		27		27	
Pollen/m3	110		13		13		< 13	
Skin cells (1-4+)	1+		1+		1+		2+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		1,300		13		410		480

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K
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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2-TM05		21108001-2-TM06		21108001-2-TM07		21108001-2-TM08	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3596762-2		3596763-2		3596764-2		3596765-2	
	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			6	320	1	53		
Curvularia								
Epicoccum								
Fusarium								
Nigrospora			1	13				
Oidium								
Penicillium/Aspergillus types†			1	53			1	53
Pithomyces								
Rusts*			1	13			1	13
Smuts*, Periconia, Myxomycetes*			2	27				
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		3+		2+		1+	
Hyphal fragments/m3	13		67		13		< 13	
Pollen/m3	< 13		< 13		< 13		13	
Skin cells (1-4+)	1+		2+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		< 13		480		120		67

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2-TM09		21108001-2-TM10		21108001-2-TM11		21108001-2-TM12	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3596766-2		3596767-2		3596768-2		3596769-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							1	13
Arthrinium								
Ascospores*			1	13				
Aureobasidium								
Basidiospores*								
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium								
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			2	27				
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	1+		1+		1+		1+	
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 SPORES/m3		< 13		40		< 13		13

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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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‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2-TM13		21108001-2-TM14		21108001-2-TM15		21108001-2-TM16OUT	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3596770-2		3596771-2		3596772-2		3596773-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27					11	150
Arthrinium								
Ascospores*							1	53
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group							1	13
Botrytis								
Chaetomium								
Cladosporium							36	1,900
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium							1	13
Penicillium/Aspergillus types†							6	320
Pithomyces								
Rusts*							5	67
Smuts*, Periconia, Myxomycetes*							10	130
Stachybotrys								
Stemphylium							1	13
Torula								
Ulocladium								
Background debris (1-4+)††	3+		1+		1+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		160	
Pollen/m3	13		< 13		< 13		67	
Skin cells (1-4+)	2+		< 1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		27		< 13		< 13		2,700

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21108001-2-TM01OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: August				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	93	7	40	600	67	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	27	7	13	130	12
Chaetomium	13	7	13	160	12	7	13	120	19
Cladosporium	210	53	830	13,000	97	53	590	7,800	96
Curvularia	-	7	27	810	33	7	13	230	7
Nigrospora	-	7	20	280	26	7	13	200	9
Penicillium/Aspergillus types	110	27	240	3,500	79	33	210	2,400	83
Stachybotrys	-	7	13	310	3	7	13	210	4
Stemphylium	-	7	13	67	5	7	13	67	8
Torula	-	7	13	170	15	7	13	160	11
Seldom found growing indoors**									
Ascospores	160	13	310	6,200	85	13	110	2,100	69
Basidiospores	210	27	640	28,000	95	13	210	8,800	92
Oidium	27	7	13	210	17	7	13	200	18
Rusts	120	7	25	390	29	7	13	270	24
Smuts, Periconia, Myxomycetes	320	7	53	970	75	7	40	570	66
§ TOTAL SPORES/m3	1,300								

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

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

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*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.

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Date of Submittal: 08-01-2011
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Date of Report: 08-01-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21108001-2-TM16OUT

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: August				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	150	7	40	600	67	7	27	210	51
Bipolaris/Drechslera group	13	7	13	290	27	7	13	130	12
Chaetomium	-	7	13	160	12	7	13	120	19
Cladosporium	1,900	53	830	13,000	97	53	590	7,800	96
Curvularia	-	7	27	810	33	7	13	230	7
Nigrospora	-	7	20	280	26	7	13	200	9
Penicillium/Aspergillus types	320	27	240	3,500	79	33	210	2,400	83
Stachybotrys	-	7	13	310	3	7	13	210	4
Stemphylium	13	7	13	67	5	7	13	67	8
Torula	-	7	13	170	15	7	13	160	11
Seldom found growing indoors**									
Ascospores	53	13	310	6,200	85	13	110	2,100	69
Basidiospores	53	27	640	28,000	95	13	210	8,800	92
Oidium	13	7	13	210	17	7	13	200	18
Rusts	67	7	25	390	29	7	13	270	24
Smuts, Periconia, Myxomycetes	130	7	53	970	75	7	40	570	66
§ TOTAL SPORES/m3	2,700								

† 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.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*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.

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Re: 21108001-2

Date of Submittal: 08-01-2011
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21108001-2-TM01OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	93	7 - 27 - 450	48
Ascospores	160	13 - 160 - 5,300	76
Basidiospores	210	13 - 370 - 19,000	91
Chaetomium	13	7 - 13 - 150	11
Cladosporium	210	27 - 480 - 9,700	91
Oidium	27	7 - 13 - 240	13
Penicillium/Aspergillus types	110	13 - 180 - 2,500	73
Rusts	120	7 - 20 - 330	20
Smuts, Periconia, Myxomycetes	320	7 - 40 - 880	66
Total	1,267		

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: 21108001-2-TM02

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.3542 Critical value: 0.5833 Outside Similar: No	Score: 100 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Rusts	13
Total	13

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM03

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 32%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.5000	dF: 9 Result: 0.6125 Critical value: 0.5833 Outside Similar: Yes	Score: 121 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	370
Rusts	27
Smuts, Periconia, Myxomycetes	13
Total	413

Location: 21108001-2-TM04

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 37%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.5485 Critical value: 0.5515 Outside Similar: No	Score: 120 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	370
Smuts, Periconia, Myxomycetes	27
Torula	27
Total	480

Location: 21108001-2-TM05

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 37%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.6667	dF: 10 Result: 0.5939 Critical value: 0.5515 Outside Similar: Yes	Score: 117 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	320
Nigrospora	13
Penicillium/Aspergillus types	53
Rusts	13
Smuts, Periconia, Myxomycetes	27
Total	480

Location: 21108001-2-TM07

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 9%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.5000	dF: 9 Result: 0.4542 Critical value: 0.5833 Outside Similar: No	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Basidiospores	53
Cladosporium	53
Total	120

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM08

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.3636	dF: 9 Result: 0.1542 Critical value: 0.5833 Outside Similar: No	Score: 108 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Rusts	13
Total	67

Location: 21108001-2-TM09

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM10

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.3636	dF: 9 Result: 0.6375 Critical value: 0.5833 Outside Similar: Yes	Score: 104 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	13
Smuts, Periconia, Myxomycetes	27
Total	40

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM11

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM12

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.2042 Critical value: 0.5833 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Total	13

Location: 21108001-2-TM13

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.2042 Critical value: 0.5833 Outside Similar: No	Score: 110 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	27
Total	27

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM14

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM15

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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

* 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.

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21108001-2-TM16OUT:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	150	7 - 27 - 450	48
Ascospores	53	13 - 160 - 5,300	76
Basidiospores	53	13 - 370 - 19,000	91
Bipolaris/Drechslera group	13	7 - 13 - 230	17
Cladosporium	1,900	27 - 480 - 9,700	91
Oidium	13	7 - 13 - 240	13
Penicillium/Aspergillus types	320	13 - 180 - 2,500	73
Rusts	67	7 - 20 - 330	20
Smuts, Periconia, Myxomycetes	130	7 - 40 - 880	66
Stemphylium	13	7 - 13 - 67	4
Total	2,733		

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: 21108001-2-TM02

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.4091 Critical value: 0.5515 Outside Similar: No	Score: 100 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Rusts	13
Total	13

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM03

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 15%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.6152 Critical value: 0.5515 Outside Similar: Yes	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	370
Rusts	27
Smuts, Periconia, Myxomycetes	13
Total	413

Location: 21108001-2-TM04

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 17%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.4286	dF: 11 Result: 0.3091 Critical value: 0.5273 Outside Similar: No	Score: 112 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	370
Smuts, Periconia, Myxomycetes	27
Torula	27
Total	480

Location: 21108001-2-TM05

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM06

% of outdoor total spores/m3	Friedman chi-square* (indoor variation)	Agreement ratio** (indoor/outdoor)	Spearman rank correlation*** (indoor/outdoor)	MoldSCORE**** (indoor/outdoor)
Result: 17%	dF: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.6250	dF: 11 Result: 0.5955 Critical value: 0.5273 Outside Similar: Yes	Score: 106 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Basidiospores	53
Cladosporium	320
Nigrospora	13
Penicillium/Aspergillus types	53
Rusts	13
Smuts, Periconia, Myxomycetes	27
Total	480

Location: 21108001-2-TM07

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.4615	dF: 10 Result: 0.5424 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Basidiospores	53
Cladosporium	53
Total	120

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM08

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.5303 Critical value: 0.5515 Outside Similar: No	Score: 107 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Penicillium/Aspergillus types	53
Rusts	13
Total	67

Location: 21108001-2-TM09

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM10

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.3152 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Ascospores	13
Smuts, Periconia, Myxomycetes	27
Total	40

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM11

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM12

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.5303 Critical value: 0.5515 Outside Similar: No	Score: 105 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	13
Total	13

Location: 21108001-2-TM13

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.5303 Critical value: 0.5515 Outside Similar: No	Score: 110 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Alternaria	27
Total	27

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2-TM14

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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: 21108001-2-TM15

% 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: 13 Result: 13.5048 Critical value: 22.3620 Inside Similar: Yes	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

* 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: 21108001-2-TM01OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		7	93
Bipolaris/Drechslera group		ND	< 13
Chaetomium		1	13
Cladosporium		4	210
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		2	110
Stachybotrys		ND	< 13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		3	160
Basidiospores††		4	210
Oidium		2	27
Rusts		9	120
Smuts, Periconia, Myxomycetes††		24	320
Total			**1,267**

Location: 21108001-2-TM02

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		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**13**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM03

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		7	370		121
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		2	27		101
Smuts, Periconia, Myxomycetes††		1	13		100
Total			**413**	**Final MoldSCORE**	**121**

Location: 21108001-2-TM04

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		7	370		120
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		2	27		111
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		100
Total			**480**	**Final MoldSCORE**	**120**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM05

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: 21108001-2-TM06

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		6	320		117
Curvularia		ND	< 13		100
Nigrospora		1	13		105
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		100
Rusts		1	13		100
Smuts, Periconia, Myxomycetes††		2	27		100
Total			**480**	**Final MoldSCORE**	**117**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM07

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		103
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		104
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**120**	**Final MoldSCORE**	**104**

Location: 21108001-2-TM08

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		108
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		ND	< 13		100
Rusts		1	13		104
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**67**	**Final MoldSCORE**	**108**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM09

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: 21108001-2-TM10

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††		1	13		104
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		104
Total			**40**	**Final MoldSCORE**	**104**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM11

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: 21108001-2-TM12

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		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			**13**	**Final MoldSCORE**	**105**

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Submittal: 08-01-2011
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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM13

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		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			**27**	**Final MoldSCORE**	**110**

Location: 21108001-2-TM14

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: 21108001-2-TM15

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**

*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: 21108001-2-TM16OUT

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		11	150
Bipolaris/Drechslera group		1	13
Chaetomium		ND	< 13
Cladosporium		36	1,900
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		6	320
Stachybotrys		ND	< 13
Stemphylium		1	13
Torula		ND	< 13
Seldom found growing indoors**			
Ascospores††		1	53
Basidiospores††		1	53
Oidium		1	13
Rusts		5	67
Smuts, Periconia, Myxomycetes††		10	130
Total			**2,733**

Location: 21108001-2-TM02

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		1	13		105
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**13**	**Final MoldSCORE**	**100**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM03

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		7	370		105
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		2	27		107
Smuts, Periconia, Myxomycetes††		1	13		100
Total			**413**	**Final MoldSCORE**	**105**

Location: 21108001-2-TM04

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		7	370		102
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		2	27		111
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		101
Total			**480**	**Final MoldSCORE**	**112**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM05

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: 21108001-2-TM06

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		6	320		100
Curvularia		ND	< 13		100
Nigrospora		1	13		105
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		105
Rusts		1	13		100
Smuts, Periconia, Myxomycetes††		2	27		101
Total			**480**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM07

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		102
Bipolaris/Drechslera group		ND	< 13		100
Chaetomium		ND	< 13		100
Cladosporium		1	53		100
Curvularia		ND	< 13		100
Nigrospora		ND	< 13		100
Penicillium/Aspergillus types†		ND	< 13		100
Stachybotrys		ND	< 13		100
Torula		ND	< 13		100
Seldom found growing indoors**					
Ascospores††		ND	< 13		100
Basidiospores††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**120**	**Final MoldSCORE**	**105**

Location: 21108001-2-TM08

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		1	13		104
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**67**	**Final MoldSCORE**	**107**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM09

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: 21108001-2-TM10

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††		1	13		105
Basidiospores††		ND	< 13		100
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		2	27		105
Total			**40**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM11

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: 21108001-2-TM12

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		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			**13**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2-TM13

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		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			**27**	**Final MoldSCORE**	**110**

Location: 21108001-2-TM14

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: 21108001-2-TM15

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**

*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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Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21108001-2
EML ID: 811890

Approved by:

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 08-05-2011

Service SOPs: Spore trap analysis (1038)

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 correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-01-2011
Date of Receipt: 08-01-2011
Date of Report: 08-01-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2TM17MSP		21108001-2TM18MNP	
Comments (see below)	None		None	
Lab ID-Version‡:	3598797-2		3598798-2	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13		
Arthrinium				
Ascospores*	1	13	6	320
Aureobasidium				
Basidiospores*	2	110		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	7	370	4	210
Curvularia				
Epicoccum				
Myrothecium				
Nigrospora				
Penicillium/Aspergillus types†	13	690		
Pithomyces				
Rusts*	6	80		
Smuts*, Periconia, Myxomycetes*	8	110	1	13
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	3+		3+	
Hyphal fragments/m3	67		53	
Pollen/m3	40		27	
Skin cells (1-4+)	1+		1+	
Sample volume (liters)	75		75	
§ TOTAL SPORES/m3		1,400		550

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

EMLab P&K

Report for:

Mr. Wesley Frey, Mr. Larry Sandhu
Hygiene Technologies International, Inc.: Northern California
3625 Del Amo Boulevard, Suite 180
Torrance, CA 90503-8370

Regarding: Project: 21108001-2
EML ID: 820277

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 08-23-2011

Service SOPs: Spore trap analysis (1038)

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 correction of results is not applied. The results relate only to the items tested.

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Document Number: 200091 - Revision Number: 5

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2TM21out		21108001-2TM22		21108001-2TM23		21108001-2TM24	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3637381-1		3637382-1		3637383-1		3637384-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*	2	110						
Aureobasidium								
Basidiospores*	4	210					1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	2	27						
Cladosporium	60	3,200						
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	6	320						
Pithomyces								
Rusts*	13	170						
Smuts*, Periconia, Myxomycetes*	12	160	1	13				
Stachybotrys								
Stemphylium								
Torula	1	13						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		3+		1+		2+	
Hyphal fragments/m3	27		13		< 13		< 13	
Pollen/m3	27		< 13		< 13		13	
Skin cells (1-4+)	1+		1+		1+		2+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,200		13		< 13		53

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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.
For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
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§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	21108001-2TM25out		21108001-2TM26		21108001-2TM27		21108001-2TM28	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3637385-1		3637386-1		3637387-1		3637388-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	4	53						
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	2	110					1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	4	53						
Cladosporium	49	2,600	1	53				
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	4	210						
Pithomyces								
Rusts*	3	40						
Smuts*, Periconia, Myxomycetes*	55	730	1	13	1	13		
Stachybotrys	4	53						
Stemphylium								
Torula	1	13						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		2+		3+	
Hyphal fragments/m3	150		< 13		< 13		< 13	
Pollen/m3	110		< 13		27		27	
Skin cells (1-4+)	1+		1+		1+		2+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		3,900		67		13		53

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* 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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For more information regarding analytical sensitivity, please contact QA by calling the laboratory.
‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".
§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21108001-2TM21out

Fungi Identified	Outdoor data	Typical Outdoor Data for † August in California (n‡=14147)						Typical Outdoor Data for † The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	13	13	13	27	53	93	62	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	17	7	13	13	27	40	13
Chaetomium	27	10	13	13	27	53	25	8	13	13	27	44	19
Cladosporium	3,200	160	300	750	1,700	2,600	99	110	210	640	1,700	2,800	97
Curvularia	-	8	13	13	27	53	13	7	13	13	27	53	6
Nigrospora	-	7	13	13	27	53	12	7	13	13	27	53	8
Penicillium/Aspergillus types	320	53	110	270	690	1,200	90	53	110	210	600	1,000	86
Stachybotrys	-	7	13	13	27	65	5	7	13	13	33	67	5
Torula	13	8	13	13	40	55	15	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	110	13	27	67	190	310	68	22	53	110	330	670	72
Basidiospores	210	40	53	160	370	590	92	53	80	270	1,000	2,400	94
Rusts	170	10	13	13	40	67	25	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	160	13	13	40	93	160	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	4,200												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*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.

‡n = number of samples used to calculate data.

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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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 21108001-2TM25out

Fungi Identified	Outdoor data	Typical Outdoor Data for † August in California (n‡=14147)						Typical Outdoor Data for † The entire year in California (n‡=158505)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	53	13	13	27	53	93	62	13	13	27	67	100	56
Bipolaris/Drechslera group	-	8	13	13	27	40	17	7	13	13	27	40	13
Chaetomium	53	10	13	13	27	53	25	8	13	13	27	44	19
Cladosporium	2,600	160	300	750	1,700	2,600	99	110	210	640	1,700	2,800	97
Curvularia	-	8	13	13	27	53	13	7	13	13	27	53	6
Nigrospora	-	7	13	13	27	53	12	7	13	13	27	53	8
Penicillium/Aspergillus types	210	53	110	270	690	1,200	90	53	110	210	600	1,000	86
Stachybotrys	53	7	13	13	27	65	5	7	13	13	33	67	5
Torula	13	8	13	13	40	55	15	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	53	13	27	67	190	310	68	22	53	110	330	670	72
Basidiospores	110	40	53	160	370	590	92	53	80	270	1,000	2,400	94
Rusts	40	10	13	13	40	67	25	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	730	13	13	40	93	160	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	3,900												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ Total Spores/m3 has been rounded to two significant figures to reflect analytical precision.

*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.

‡n = number of samples used to calculate data.

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Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21108001-2TM21out:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	13	7 - 27 - 460	48
Ascospores	110	13 - 170 - 5,300	77
Basidiospores	210	13 - 370 - 20,000	91
Chaetomium	27	7 - 13 - 150	10
Cladosporium	3,200	27 - 480 - 9,800	91
Penicillium/Aspergillus types	320	13 - 170 - 2,500	73
Rusts	170	7 - 20 - 330	20
Smuts, Periconia, Myxomycetes	160	7 - 40 - 890	66
Torula	13	7 - 13 - 170	10
Total	4,227		

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: 21108001-2TM22

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.3542 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: 21108001-2TM23

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	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

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C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2TM24

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.5042 Critical value: 0.5833 Outside Similar: No	Score: 105 Result: Low

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

Location: 21108001-2TM26

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3636	dF: 9 Result: 0.5708 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	67

Location: 21108001-2TM27

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.3542 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

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Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2TM28

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.2000	dF: 9 Result: 0.5042 Critical value: 0.5833 Outside Similar: No	Score: 105 Result: Low

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

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

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

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

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

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Client: Hygiene Technologies International, Inc.: Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldSTAT™: Supplementary Statistical Spore Trap Report

Outdoor Summary: 21108001-2TM25out:

Species detected	Outdoor sample spores/m3 (<100 / 1K / 10K / >100K)	Typical outdoor ranges (North America)	Freq. %
Alternaria	53	7 - 27 - 460	48
Ascospores	53	13 - 170 - 5,300	77
Basidiospores	110	13 - 370 - 20,000	91
Chaetomium	53	7 - 13 - 150	10
Cladosporium	2,600	27 - 480 - 9,800	91
Penicillium/Aspergillus types	210	13 - 170 - 2,500	73
Rusts	40	7 - 20 - 330	20
Smuts, Periconia, Myxomycetes	730	7 - 40 - 890	66
Stachybotrys	53	7 - 13 - 450	3
Torula	13	7 - 13 - 170	10
Total	3,933		

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: 21108001-2TM22

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 102 Result: Low

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

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2TM23

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	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: 21108001-2TM24

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.4848 Critical value: 0.5515 Outside Similar: No	Score: 106 Result: Low

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

Location: 21108001-2TM26

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.3333	dF: 10 Result: 0.7758 Critical value: 0.5515 Outside Similar: Yes	Score: 101 Result: Low

Species Detected	Spores/m3 (<100 / 1K / 10K / >100K)
Cladosporium	53
Smuts, Periconia, Myxomycetes	13
Total	67

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MoldSTAT™: Supplementary Statistical Spore Trap Report

Location: 21108001-2TM27

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.6061 Critical value: 0.5515 Outside Similar: Yes	Score: 102 Result: Low

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

Location: 21108001-2TM28

% 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: 5 Result: 1.7143 Critical value: 11.0705 Inside Similar: Yes	Result: 0.1818	dF: 10 Result: 0.4848 Critical value: 0.5515 Outside Similar: No	Score: 106 Result: Low

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

* 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

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Date of Sampling: 08-19-2011
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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21108001-2TM21out

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		2	27
Cladosporium		60	3,200
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		6	320
Stachybotrys		ND	< 13
Torula		1	13
Seldom found growing indoors**			
Ascospores††		2	110
Basidiospores††		4	210
Rusts		13	170
Smuts, Periconia, Myxomycetes††		12	160
Total			**4,227**

Location: 21108001-2TM22

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: 21108001-2TM23

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: 21108001-2TM24

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††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**105**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2TM26

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		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		102
Total			**67**	**Final MoldSCORE**	**102**

Location: 21108001-2TM27

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: 21108001-2TM28

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††		1	53		105
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**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.

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MoldSCORE™: Spore Trap Report

Outdoor Sample: 21108001-2TM25out

Fungi Identified	Outdoor sample spores/m3 <100 1K 10K >100K	Raw count	Spores/ m3
Generally able to grow indoors*			
Alternaria		4	53
Bipolaris/Drechslera group		ND	< 13
Chaetomium		4	53
Cladosporium		49	2,600
Curvularia		ND	< 13
Nigrospora		ND	< 13
Penicillium/Aspergillus types†		4	210
Stachybotrys		4	53
Torula		1	13
Seldom found growing indoors**			
Ascospores††		1	53
Basidiospores††		2	110
Rusts		3	40
Smuts, Periconia, Myxomycetes††		55	730
Total			**3,933**

Location: 21108001-2TM22

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		102
Total			**13**	**Final MoldSCORE**	**102**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2TM23

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: 21108001-2TM24

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††		1	53		106
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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MoldSCORE™: Spore Trap Report

Location: 21108001-2TM26

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†		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		100
Total			**67**	**Final MoldSCORE**	**101**

Location: 21108001-2TM27

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		102
Total			**13**	**Final MoldSCORE**	**102**

EMLab P&K
880 Riverside Parkway, West Sacramento, CA 95605
(866) 888-6653 Fax (650) 829-5852 www.emlab.com

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 21108001-2

Date of Sampling: 08-19-2011
Date of Receipt: 08-22-2011
Date of Report: 08-23-2011

MoldSCORE™: Spore Trap Report

Location: 21108001-2TM28

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††		1	53		106
Rusts		ND	< 13		100
Smuts, Periconia, Myxomycetes††		ND	< 13		100
Total			**53**	**Final MoldSCORE**	**106**

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

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

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

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

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

HYGIENE TECH

Hygiene Technologies International, Inc.

000811602

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: 21108001-2 Date Submitted: 8/1/11

Project Contact: W. Frey / L. Sandhu Turnaround Required: ~~Standard~~ 8 am o day (LS)

Lab Destination: EM Lab Lab Contact: Sampling Recieving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21108001-2-TM01out	75 L	~~Aero~~-cell	Spore Trap Analysis
-TM02			
-TM03			
-TM04			
-TM05			
-TM06			
-TM07			
-TM08			
-TM09			
-TM10			
-TM11			
-TM12			
-TM13			
-TM14			
-TM15			
-TM16out			

Special Instructions: Random Sampling post supply duct sampling

1. Sampled by: Jacqueline Brenner & [signature] 7/31/11 17:20 Received by: [signature]
2. Relinquished by: [signature] 7/31/11 @ 21:15 Received by: [signature]
3. Relinquished by: Received by: 8/1/11 8AM

Please include signature, date, and time

Lab Use Only:

Los Angeles • San Francisco • Sacramento • Fresno • Bakersfield • Ontario • San Diego
Seattle • Chicago • Cleveland • New Orleans • Norfolk • New York
Brussels • Vienna • Abuja • Mumbai • Beijing

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000811890

Request For Analysis

Project Number/~~Purchase Order~~: 21108001-2 Date Submitted: 8/1/11
Project Contact: L. Sandhu / W. Frey Turnaround Required: Same day
Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21108001-2 TM17MSP	75L	Air-o-cell	Spore Trap analysis
↓ TM18MSP (HP)	↓	↓	↓

Special Instructions: M Floor S & N supply Air Intake plenum (post supply duct Inspection Sampling)

1. Sampled by: Sandhu on 8/1/11 @ 8:53 Received by:
2. Relinquished by: Sandhu on 8/1/11 @ 9:36 Received by: [signature] 8/1/11 1005
3. Relinquished by: Received by:

Please include signature, date, and time

Lab Use Only:

000820277

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~~: 21108001-2 Date Submitted: 8/19/11

Project Contact: L. Sandhu / W. Frey Turnaround Required: Normal

Lab Destination: EMLAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
21108001-2 TM21	75L	Air-o-Cell	Spore Trap
21108001-2 TM22			
21108001-2 TM23			
21108001-2 TM24			
21108001-2 TM25			
21108001-2 TM26			
21108001-2 TM27			
21108001-2 TM28			

Special Instructions:

1. Sampled by: L. Sandhu on 8/19/11 @ 10:07 Received by: KENTSE 8/19/11 17:15PM
2. Relinquished by: L. Sandhu on 08/19/11 @ 17:30 Received by: [illegible] 8/22/11 8AM
3. Relinquished by: KENTSE 8/19/11 17:30PM Received by:

Please include signature, date, and time

Lab Use Only: