



HYGIENETECH

Hygiene Technologies International, Inc.

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August 20, 2010

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

Document No. 20912001.3

Attention: David Gau

Regarding: Fungal Growth Remediation Monitoring and Clearance Surveys
9th Floor

Dear Mr. Gau:

On various dates in December of 2009, industrial hygienists with Hygiene Technologies International, Inc. (HygieneTech) monitored fungal growth remediation activities and conducted fungal growth remediation clearance surveys on the 9th Floor of the State of California Board of Equalization (BOE) building located at 450 N Street in Sacramento, California. Fungal growth remediation was performed by JLS Environmental Services, Inc. (JLS) under the direction of LaCroix Davis, LLC (LCD), an industrial hygiene consulting firm contracted with the State of California Department of General Services (DGS). The fungal growth remediation protocols for the project were established by LCD and can be found in their document *State Board of Equalization Generic Floor Remediation Protocol, Rev 1* dated August 3, 2009.

During the surveys, air and surface samples were collected within the 9th Floor remediation enclosures and one or more additional air samples were collected at outdoor locations on specific survey dates for comparison purposes. Air samples were collected using a Zefon brand Bio-Pump™ equipped with Zefon Air-O-Cell™ cassettes. Surface samples were collected using cellophane tape segments that were affixed to microscope slides. All such samples were subsequently analyzed for fungi (including yeasts, molds, rusts, smuts, and mushrooms) by trained and experienced microbiologists at a laboratory accredited by the American Industrial Hygiene Association (AIHA) and that successfully participates in the AIHA Environmental Microbiology Proficiency Analytical Testing (EMPAT) Program. The analytical data with supporting and background information appear in the enclosed Tables 20912001-7 through 20912001-9.

Fungal growth remediation occurred in various areas of the 9th Floor including the Men's and Women's Restrooms, the Janitor Closet, northern hallway, Break Rooms 903 and 910, Quiet Room 904, Employee Lounge 905, Storage Rooms 9A, 9B, and 9C, the northwestern drinking fountain area, the eastern and western electrical closets, and the southeastern corner from Column K17 to Column J18 areas. During the remediation activities, HygieneTech observed and documented the removal of fungal growth-contaminated building materials and decontamination of the remaining materials including but not limited to the exposed interior wall cavity framing, proximate drywall not affected by fungal growth, ceilings, and



subfloors. Additionally, all such work was performed within controlled negative pressure containments that were monitored with the use of manometers. Those control measures were utilized so that dispersion of airborne spores was limited to the enclosed areas. The surface assessment data with supporting and background information regarding the 9th Floor fungal growth remediation activities appear in the enclosed Table 20912001-7.

The surface assessment data collected during the remediation activities indicated fungal growth involving *Acremonium*, *Alternaria*, *Aspergillus*, unknown brown hyphae with no associated spores, *Chaetomium*, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Epicoccum*, *Penicillium*, *Stachybotrys*, and/or *Ulocladium* on various surfaces within the above mentioned remediation enclosures. Note that additional building material removal occurred involving the punch-out windows in the southwestern, northwestern and northeastern corners as well as in the northeastern drinking fountain area; however no evidence of fungal growth was identified in those locations.

Following the completion of the fungal growth remediation activities, attempts were made to clear the enclosed work areas. Prior to the clearance surveys, visual inspections were performed within each of the enclosed work areas. By observation, all gross quantities of fungal growth had been removed from the fungal growth remediation areas. Note, however, that some of the fungal growth affected gypsum board materials in the Men's Restroom, Women's Restroom, Janitor Closet, northwestern drinking fountain area, Storage Rooms 9A, 9B, and 9C, and the western and eastern electrical closet containments were not removed during the remediation activities based on DGS's consultation with the Fire Marshall regarding removal of fire rated walls and/or due to walls being considered inaccessible by DGS and/or there consultants. Such walls were instead abraded as needed to remove surface fungal growth, wet wiped with a biocide solution, HEPA vacuumed, and then encapsulated with Foster® Full Defense™ (40-25) fungicidal protective coating. Areas showing water staining but no evidence of fungal growth and some other areas were also painted with the Foster® Full Defense™ product.

On the clearance survey dates, the airborne total fungi data recorded indoors showed low levels of mostly common fungi including basidiospores, *Cladosporium*, colorless spores typical of *Penicillium* and *Aspergillus* species, *Nigrospora*, other brown, and/or smuts. The spore types detected indoors matched those found outdoors and the overall spore counts within the containments were well below the overall data recorded outdoors. Historical data indicate that indoor spore levels usually average 30 to 80 percent of the outdoor spore level at the time of sampling, with the same general distribution of spore types. The overall indoor data recorded during the surveys did not exceed 22 percent of the outdoor data on any of the survey dates. Similarly, as shown in Table 20912001-9, the surface sample data recorded within the containments showed no evidence of fungal growth or above background levels of fungal spores on any of the building material surfaces tested. These data do not represent conditions that are expected to pose a health hazard to occupants above that posed by the outside environment where exposures to airborne and surface-borne fungi are known to exist. Collectively, the results of the surveys satisfy the clearance criteria for fungal growth established for this project and notification to that effect was provided to representatives of BOE, JLS, LCD, and DGS on the dates that the lab data were received.

Be advised that the data provided with this correspondence only represent fungal growth and exposure potentials that existed at the time the surveys were performed and at the precise locations only, the latter of which were selected based on the available background information provided, and that fungal growth and exposure potentials may change due to changes in environmental conditions, such as those caused by water intrusion, use of mechanical systems, or other factors. Also be advised that while no evidence of additional fungal growth was seen at the time of the surveys, additional fungal growth may exist at one or more locations in the structure that were not specifically assessed during the surveys. And finally, the



exposure data recorded during these surveys may not be sufficiently broad to adequately assess the suitability of the indoor air quality for all individuals, particularly those who are extremely sensitive to certain chemical and/or biological substances or for those individuals with immune system deficiencies. Although not expected, if persons entering the 9th Floor do experience non-specific ill effects, such as eye irritation, allergy symptoms, headache, or skin rash, then those affected should be referred to a medical professional in order to determine or specify the possible cause(s) of such reactions. If additional information becomes available, then further assessment may be warranted.

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.

A handwritten signature in black ink, appearing to read 'Kenny Hsi', is written over a horizontal line.

Kenny K. Hsi, CIH
Technical Director



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**TABLE 20912001-7
SURFACE FUNGAL GROWTH POTENTIALS
9TH FLOOR ABATEMENT MONITORING
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12/7/09	20912001-7 TL01LS	Men's Restroom; within containment; sink cabinetry; northern sink counter; from vertical surface of wood	Moderate	Very Few	None	None	Background
12/7/09	20912001-7 TL02LS	Men's Restroom; within containment; eastern partition wall at northern end; approximately 18 inches above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 4+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Fungal growth
12/7/09	20912001-7 TL03LS	Women's Restroom; within containment; western partition sink cabinetry; reverse side; about center; approximately 18 inches above floor; from vertical surface of wood	Heavy	Very Few	4+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	Very few <i>Stachybotrys</i> spores detected	Fungal growth
12/7/09	20912001-7 TL04LS	Women's Restroom; within containment; western partition wall at southern end of sink area; approximately 18 inches above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected	Fungal growth
12/7/09	20912001-7 TL05LS	Men's Restroom; within containment; eastern partition wall cavity; about center; approximately four inches above floor; from reverse side of elevator shaft wall gypsum board	Very Heavy	Very Few	2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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

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12/7/09	20912001-7 TL06LS	Men's Restroom; within containment; eastern partition wall cavity at northern end of sink area; approximately 18 inches above floor; from reverse side of elevator shaft western partition wall gypsum board	Moderate	Very Few	None	Very few <i>Stachybotrys</i> and <i>Alternaria</i> spores detected	Possible settling from fungal growth in vicinity
12/7/09	20912001-7 TL07LS	Women's Restroom; within containment; western partition wall cavity; about center; approximately one inch above floor; from vertical surface of elevator shaft eastern partition wall gypsum board	Heavy	Very Few	2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/8/09	20912001-7 TL01SM	Men's Restroom; within containment; walk-in cavity area; north of northern towel dispenser area; eastern partition wall; about center; approximately three feet above floor; from vertical surface of first layer of gypsum board	Very heavy	Very Few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected	Fungal growth
12/8/09	20912001-7 TL02SM	Men's Restroom; within containment; walk-in cavity area; north of northern towel dispenser area; eastern partition wall cavity; about center; approximately two feet above floor; from vertical surface of second layer gypsum board	Very Heavy	Very Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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12/8/09	20912001-7 TL03SM	Men's Restroom; within containment; walk-in cavity area; north of northern towel dispenser area; northern partition wall cavity; about center; approximately two feet above floor; from reverse side of drinking fountain southern partition wall gypsum board	Heavy	Very Few	None	Moderate amounts of <i>Alternaria</i> spores detected	Possible settling from fungal growth in vicinity
12/8/09	20912001-7 TL04SM	Janitor Closet; within containment; sink area; northern partition wall; about center; approximately three feet above floor; from vertical surface ceramic tile	Very Heavy	Few	None	None	Background
12/8/09	20912001-7 TL05SM	Janitor Closet; within containment; sink area; western partition wall at northwestern corner; approximately one inch above floor; from vertical surface of gypsum board	Very Heavy	Very Few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 2+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/8/09	20912001-7 TL01KT	Northern Hallway; within containment; northern partition wall; about center; approximately two inches above floor; from vertical surface of gypsum board	Very Heavy	Very Few	1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores)	None	Fungal growth

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

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12/8/09	20912001-7 TL02KT	Northern Hallway; within containment; northern partition wall; about center; approximately two inches above floor; from reverse side of previously removed gypsum board	Heavy	Very Few	None	None	Background
12/8/09	20912001-7 TL03KT	Northern Hallway; within containment; northeastern drinking fountain area; eastern partition wall; about center; approximately two inches above floor; from reverse side of gypsum board	Very Heavy	Very Few	None	None	Background
12/8/09	20912001-7 TL04KT	Women's Restroom; within containment; ceiling plenum; eastern partition wall; about two feet south of northern partition wall; approximately one foot above ceiling; from reverse side of previously removed first layer of gypsum board	Heavy	Very Few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/8/09	20912001-7 TL05KT	Women's Restroom; within containment; ceiling plenum; eastern partition wall cavity; about two feet south of northern partition wall; approximately one foot above ceiling; from vertical surface of second layer gypsum board	Moderate	Very Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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12/9/09	20912001-7 TL08LS	Janitor Closet; within containment; sink area; northern partition cavity; about center; approximately two inches above floor; from reverse side of Women's Restroom's southern partition wall gypsum board	Very Heavy	Very Few	None	Moderate amounts of <i>Stachybotrys</i> spores detected	Possible settling from fungal growth in vicinity
12/9/09	20912001-7 TL09LS	Janitor Closet; within containment; northern partition wall cavity at eastern end; approximately 12 inches above floor; from vertical surface of second layer gypsum board	Light	Very Few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected	Fungal growth
12/9/09	20912001-7 TL06KT	Break Room 903; within containment; southern partition wall; about center; approximately two inches above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 3+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	A few <i>Chaetomium</i> spores detected	Fungal growth
12/9/09	20912001-7 TL07KT	Break Room 903; within containment; southern partition wall; about center; approximately one inch above floor; from reverse side of previously removed gypsum board	Moderate	Very Few	1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Fungal growth

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

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12/9/09	20912001-7 TL08KT	Break Room 903; within containment; eastern partition wall; about center; approximately two inches above floor; from vertical surface of gypsum board	Heavy	Very Few	None	Moderate amounts of colorless spores of <i>Penicillium/Aspergillus</i> detected. Very few <i>Chaetomium</i> spores detected	Possible settling from fungal growth in vicinity
12/9/09	20912001-7 TL09KT	Break Room 903; within containment; eastern partition wall; about center; approximately one inch above floor; from reverse side of previously removed gypsum board	Heavy	Very Few	2+ <i>Penicillium</i> species(spores, hyphae, conidiophores)	None	Fungal growth
12/9/09	20912001-7 TL10KT	Quiet Room 904; southern partition wall; about one inch east of western partition wall; approximately one inch above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Penicillium</i> species(spores, hyphae, conidiophores)	None	Fungal growth
12/9/09	20912001-7 TL06SM	Janitor closet; within containment; sink area; northern partition wall cavity; about center; approximately one foot above floor; from reverse side of Women's Restroom southern partition wall gypsum board	Very Heavy	Very Few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance	Background

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

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12/10/09	20912001-7 TL10LS	Southwestern corner; western punch-out window; within containment; window jamb at southern end; approximately one inch above windowsill; from reverse side of previously removed gypsum board	Very Heavy	Very Few	None	None	Background
12/11/09	20912001-7 TL07SM	Break Room 910; within containment; southern partition wall; about 18 inches east of western partition wall; approximately two inches above floor; from vertical surface of gypsum board	Very Heavy	Very Few	2+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 1+ Colorless spores typical of <i>Penicillium</i> / <i>Aspergillus</i> (spores, hyphae)	None	Fungal growth
12/11/09	20912001-7 TL08SM	Break Room 910; within containment; western partition wall; approximately 18 inches north of southern partition wall; approximately two inches above floor; from reverse side of gypsum board	Heavy	Very Few	3+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/11/09	20912001-7 TL11KT	Southeastern corner; within saw tooth containment; eastern punch-out window; windowsill; approximately six inches south of window jamb; from horizontal surface of gypsum board	Light	Very Few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) <1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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12/11/09	20912001-7 TL12KT	Southeastern corner; within saw tooth containment; eastern perimeter wall; about two inches north of column at middle window area; approximately three inches above floor; from vertical surface of gypsum board	Very Heavy	Very Few	<1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Minimal fungal growth
12/11/09	20912001-7 TL13KT	Southeastern corner; within saw tooth containment; southern punch-out window; windowsill; from reverse side of previously removed gypsum board	Moderate	Very Few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 1+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae)	None	Fungal growth
12/11/09	20912001-7 TL14KT	Employee lounge 905; within containment; southern partition wall; about center; approximately three inches above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 1+ <i>Aspergillus</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/11/09	20912001-7 TL15KT	Employee lounge 905; within containment; eastern partition wall; about three feet south of northern partition wall; approximately three inches above floor; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 2+ <i>Aspergillus</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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12/11/09	20912001-7 TL16KT	Employee lounge 905; within containment; northern partition wall; about center; approximately one inch above floor; from reverse side of previously removed gypsum board	Heavy	Very Few	None	None	Background
12/11/09	20912001-7 TL11LS	Southeastern corner; within saw tooth containment; perimeter column at middle windows area; eastern partition wall; about center; approximately three inches above floor; from reverse side of previously removed gypsum board	Heavy	Very Few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/12/09	20912001-7 TL12LS	Northwestern drinking fountain; within containment; eastern partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of second layer gypsum board	Very Heavy	Very Few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 3+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/12/09	20912001-7 TL13LS	Northwestern drinking fountain; within containment; southern partition wall cavity at southeastern end; approximately five feet above floor; from reverse side of Men's Restroom's cavity northern partition wall gypsum board	Very Heavy	Very Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Epicoccum</i> species (spores, hyphae)	None	Fungal growth

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

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12/12/09	20912001-7 TL14LS	Northern Hallway; within containment; southern partition wall cavity immediately east of northwestern drinking fountain; approximately nine inches above floor; from vertical surface of second layer gypsum board	Very Heavy	Very Few	None	None	Background
12/12/09	20912001-7 TL15LS	Northern Hallway; within containment; southern partition wall cavity; about five feet east of northwestern drinking fountain; approximately six inches above floor; from vertical surface of second layer gypsum board	Very Heavy	Very Few	None	None	Background
12/14/09	20912001-7 TL21KT	Storage Room 9B; within containment; ceiling plenum; western partition wall; about center; approximately two feet above ceiling; from reverse side of previously removed first layer gypsum board	Moderate	Very Few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/14/09	20912001-7 TL22KT	Storage Room 9B; within containment; ceiling plenum; western partition wall cavity; about center; approximately two feet above ceiling; from vertical surface and second layer gypsum board	Moderate	Very Few	3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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



CLIENT: State of California
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**TABLE 20912001-7
SURFACE FUNGAL GROWTH POTENTIALS
9TH FLOOR ABATEMENT MONITORING
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12/14/09	20912001-7 TL23KT	Storage Room 9B; within containment; ceiling plenum; eastern partition wall; about two feet north of southern partition wall; approximately two feet above ceiling; from reverse side of previously removed first layer gypsum board	Very Heavy	Very Few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected	Fungal growth
12/14/09	20912001-7 TL24KT	Storage Room 9B; within containment; ceiling plenum; eastern partition wall cavity; about two feet north of southern partition wall; approximately two feet above ceiling; from vertical surface of second layer gypsum board	Moderate	Very Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 3+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/14/09	20912001-7 TL16LS	Storage Room 9C; within containment; ceiling plenum; eastern partition wall; about center; approximately two inches above ceiling from reverse side of previously removed gypsum board	Very Heavy	Very Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Acremonium</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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



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**TABLE 20912001-7
SURFACE FUNGAL GROWTH POTENTIALS
9TH FLOOR ABATEMENT MONITORING
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12/14/09	20912001-7 TL17LS	Storage Room 9C; within containment; ceiling plenum; western partition wall cavity; about center; approximately two inches above ceiling; from vertical surface of second layer gypsum board	Very Heavy	Very Few	3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Fungal growth
12/14/09	20912001-7 TL18LS	Storage Room 9C; within containment; ceiling plenum; ceiling at northwestern corner; from reverse side of gypsum board	Very Heavy	Few	None	Moderate amounts of <i>Alternaria</i> spores detected	Possible settling from fungal growth in vicinity
12/15/09	20912001-7 TL21LS	Storage Room 9C; within containment; ceiling plenum; ceiling at southwestern corner; from reverse side of gypsum board	Very Heavy	Very Few	None	None	Background
12/15/09	20912001-7 TL22LS	Storage Room 9A; within containment; eastern partition wall cavity at southeastern corner; approximately two inches above floor; from vertical surface of second layer gypsum board	Very Heavy	Very Few	<1+ Brown hyphae with no associated spores, ID unknown (hyphae)	None	Minimal fungal growth

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

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



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**TABLE 20912001-7
SURFACE FUNGAL GROWTH POTENTIALS
9TH FLOOR ABATEMENT MONITORING
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12/15/09	20912001-7 TL23LS	Storage Room 9A; within containment; eastern partition wall; about three feet north of southern partition wall; approximately one inch above floor; from vertical surface of gypsum board	Very Heavy	Very Few	2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/16/09	20912001-7 TL24LS	Eastern electrical closet area; northern closet; junction of ceiling and northern partition wall; about center; from horizontal surface of gypsum board	Very Heavy	Very Few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Fungal growth
12/16/09	20912001-7 TL32KT	Western electrical closet area; central closet; junction of ceiling and eastern partition wall; approximately one inch south of northern partition wall; from vertical surface of gypsum board	Moderate	Very Few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores) <1+ <i>Epicoccum</i> species (spores, hyphae, conidiophores)	None	Fungal growth

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

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CLIENT: State of California
Board of Equalization
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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM01OUTLS	20912001-8 TM02LS	20912001-8 TM03LS	20912001-8 TM04LS
SAMPLING LOCATION/ACTIVITIES	Outdoors; about ten feet east of building; approximately five feet above ground/Normal outdoor activities	Women's Restroom; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Break Room 903; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Northern hallway; within containment; western end; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	12-11-09	12-11-09	12-11-09	12-11-09
START/STOP	13:19:00/13:24:00	13:37:00/13:42:00	13:58:00/14:03:00	14:04:00/14:09:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores	530			
Basidiospores	270	53		
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Nigrospora				
Other brown				
Penicillium/Aspergillus types	160		80	210
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	2+	4+	3+	3+
TOTAL**	960	53	80	210

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

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM05LS	20912001-8 TM06LS	20912001-8 TM07OUTLS	20912001-8 TM11OUTLS
SAMPLING LOCATION/ACTIVITIES	Men's Restroom; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Janitor closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; about five feet southwest of building; approximately five feet above ground/Normal outdoor activities	Outdoors; about ten feet southwest of building; approximately five feet above ground/Normal outdoor activities
DATE	12-11-09	12-11-09	12-11-09	12-12-09
START/STOP	14:26:00/14:31:00	14:40:00/14:45:00	15:07:00/15:12:00	08:05:00/08:10:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores			370	750
Basidiospores			370	47,000
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		53	53	370
Curvularia				
Epicoccum				
Nigrospora	13			
Other brown				
Penicillium/Aspergillus types		53	450	270
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes		13		
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	13
Background debris*	3+	4+	2+	1+
TOTAL**	13	120	1,300	49,000

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

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM12LS	20912001-8 TM13LS	20912001-8 TM14LS	20912001-8 TM15LS
SAMPLING LOCATION/ACTIVITIES	Southwestern corner; western punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Southwestern corner; southern punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Northwestern corner; northern punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Northwestern corner; western punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	12-12-09	12-12-09	12-12-09	12-12-09
START/STOP	09:04:00/09:09:00	09:19:00/09:24:00	09:56:00/10:01:00	10:10:00/10:15:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores	53			
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Nigrospora				
Other brown				
Penicillium/Aspergillus types				
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	3+	3+	2+	3+
TOTAL**	53	<13	<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+.

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM16LS	20912001-8 TM17LS	20912001-8 TM18OUTLS	20912001-8 TM21OUTLS
SAMPLING LOCATION/ACTIVITIES	Northeastern corner; northern punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Northeastern corner; eastern punch-out window area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; about 10 feet north of building; approximately five feet above ground/Normal outdoor activities	Outdoors; southwestern corner of building; approximately five feet above ground/Normal outdoor activities
DATE	12-12-09	12-12-09	12-12-09	12-15-09
START/STOP	10:29:00/10:34:00	10:42:00/10:47:00	11:14:00/11:19:00	11:12:00/11:17:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				27
Ascospores			690	800
Basidiospores		53	48,000	13,000
Bipolaris/Drechslera group				
Botrytis				13
Chaetomium				
Cladosporium		53	160	4,400
Curvularia				
Epicoccum				40
Nigrospora				
Other brown				
Penicillium/Aspergillus types			370	800
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				13
Stachybotrys				
Stemphylium				27
Torula				
Ulocladium				
Hyphal fragments	<13	<13	13	40
Background debris*	2+	3+	2+	3+
TOTAL**	<13	110	49,000	19,000

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

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM22LS	20912001-8 TM23LS	20912001-8 TM24LS	20912001-8 TM25OUTLS
SAMPLING LOCATION/ACTIVITIES	Employee Lounge 905; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Northwestern drinking fountain area; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Break Room 910; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Outdoors; southwestern corner of building; approximately five feet above ground/Normal outdoor activities
DATE	12-15-09	12-15-09	12-15-09	12-16-09
START/STOP	11:43:00/11:48:00	11:58:00/12:03:00	12:18:00/12:23:00	14:35:00/14:40:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				590
Basidiospores			110	7,000
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		53		370
Curvularia				
Epicoccum				
Nigrospora				13
Other brown				
Penicillium/Aspergillus types	53			53
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	4+	3+	3+	2+
TOTAL**	53	53	110	8,000

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

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM26LS	20912001-8 TM27LS	20912001-8 TM28LS	20912001-8 TM29LS
SAMPLING LOCATION/ACTIVITIES	Storage Room 9A; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Storage Room 9B; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Southeast corner sawtooth containment; northern end; about center; approximately five feet above floor/Post abatement; sampling activities only	Southeast corner sawtooth containment; southern end; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	12-16-09	12-16-09	12-16-09	12-16-09
START/STOP	15:08:00/15:03:00	15:24:00/15:29:00	15:41:00/15:46:00	15:47:00/15:52:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				
Basidiospores	160	110	53	
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium		110		
Curvularia				
Epicoccum				
Nigrospora				
Other brown			13	
Penicillium/Aspergillus types		53	440	
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	13	<13	<13
Background debris*	3+	3+	3+	1+
TOTAL**	160	270	510	<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+.

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**TABLE 20912001-8
AIRBORNE TOTAL FUNGI RESULTS
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM30OUTLS	20912001-8 TM31LS	20912001-8 TM32LS	20912001-8 TM33LS
SAMPLING LOCATION/ACTIVITIES	Outdoors; southwestern corner of building; approximately five feet above ground/Normal outdoor activities	Storage Room 9C; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Western electrical closet area; northern closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Western electrical closet area; central closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only
DATE	12-17-09	12-17-09	12-17-09	12-17-09
START/STOP	14:07:00/14:12:00	14:35:00/14:40:00	14:55:00/15:00:00	15:08:00/15:13:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria	13			
Ascospores	1,100			
Basidiospores	25,000	110		53
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	1,100	53		
Curvularia				
Epicoccum	40			
Nigrospora				
Other brown				
Penicillium/Aspergillus types	1,000			110
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	2+	4+	1+	4+
TOTAL **	28,000	160	<13	160

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

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**TABLE 20912001-8
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Results reported in spores per cubic meter of air (spores/M³)

SAMPLE NUMBER	20912001-8 TM34LS	20912001-8 TM35LS	20912001-8 TM36LS	20912001-8 TM37OUTLS
SAMPLING LOCATION/ACTIVITIES	Eastern electrical closet area; southern closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Eastern electrical closet area; northern closet; within containment; about center; approximately five feet above floor/Post abatement; sampling activities only	Eastern electrical closet area; central closet; within containment; about center; approximately five feet above floor/Post abatement sampling activities only	Outdoors; about 20 feet east of building; approximately five feet above ground/Normal outdoor activities
DATE	12-17-09	12-17-09	12-17-09	12-17-09
START/STOP	15:29:00/15:34:00	15:43:00/15:48:00	16:02:00/16:07:00	16:15:00/16:20:00
SAMPLE TIME	5 minutes	5 minutes	5 minutes	5 minutes
Alternaria				
Ascospores				690
Basidiospores				22,000
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium	53			590
Curvularia				
Epicoccum				67
Nigrospora				
Other brown				
Penicillium/Aspergillus types	53			690
Pithomyces				
Rusts				
Smuts, Periconia, Myxomycetes				53
Stachybotrys				
Stemphylium				13
Torula				
Ulocladium				
Hyphal fragments	<13	<13	<13	<13
Background debris*	3+	<1+	1+	4+
TOTAL**	110	<13	<13	24,000

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

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**TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-11-09	20912001-9 TL01LS	Women's Restroom; within containment; southern towel dispenser area; subfloor; about center; from horizontal surface of concrete	Light	Very few	None	None	Background
12-11-09	20912001-9 TL02LS	Women's Restroom; within containment; western partition wall cavity; about center; approximately six inches above floor; from vertical surface of metal stud	Moderate	Very few	None	None	Background
12-11-09	20912001-9 TL03LS	Women's Restroom; within containment; ceiling plenum; ceiling framing at northeastern corner; from horizontal surface of metal	Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance	Background
12-11-09	20912001-9 TL04LS	Break Room 903 ; within containment; sink cabinetry counter top at northern end ; from horizontal surface of wood	Light	Very few	None	None	Background
12-11-09	20912001-9 TL05LS	Break Room 903; within containment; southern partition wall cavity; about center; approximately two inches above floor; from vertical surface of metal stud	Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-11-09	209120019 - TL06LS	Northern hallway; within containment; northern partition wall cavity; approximately ten feet west of Break Room 903 entry door; from horizontal surface of metal stud rail	Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance	Background
12-11-09	20912001-9 TL07LS	Men's Restroom; within containment; northern partition towel dispenser area; subfloor; about center; from horizontal surface of concrete	Very Heavy	Very few	None	None	Background
12-11-09	20912001-9 TL08LS	Men's Restroom; within containment; eastern partition wall cavity at northern end; approximately 12 inches above floor; from vertical surface of metal stud	Moderate	Very few	None	None	Background
12-11-09	20912001-9 TL09LS	Janitor closet; within containment; sink area northern partition wall cavity; about center; from horizontal surface of metal stud rail	Moderate	Very few	None	None	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-11-09	20912001-9 TL10LS	Janitor closet; within containment; sink area northern partition wall cavity; about center; approximately 12 inches above floor; from vertical surface of plumbing pipe	Moderate	Very few	None	None	Background
12-15-09	20912001-9 TL21LS	Employee Lounge 905; within containment; southern partition wall cavity; about center; approximately one inch above floor; from vertical surface of metal stud rail	Moderate	Very few	None	None	Background
12-15-09	20912001-9 TL22LS	Employee Lounge 905; within containment; sink counter top; about center; from vertical surface of wood	Light	Very few	None	None	Background
12-15-09	20912001-9 TL23LS	Northwestern drinking fountain area; within containment; southern partition wall cavity; about center; approximately one inch above floor; from vertical surface of metal stud rail	Moderate	Very few	None	None	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-15-09	20912001-9 TL24LS	Northwestern drinking fountain; within containment; subfloor along southern partition wall cavity; about center; from horizontal surface of concrete	Light	Very few	None	None	Background
12-15-09	20912001-9 TL25LS	Break Room 910; within containment; southern partition wall cavity at southwest corner; approximately one inch above floor; from vertical surface of metal stud rail	Moderate	Very few	None	None	Background
12-15-09	20912001-9 TL26LS	Break Room 910; within containment; table; about center; from horizontal surface of wood	Light	Very few	None	None	Background
12-16-09	20912001-9 TL27LS	Storage Room 9A; within containment; floor at southeast corner; about center; from horizontal surface of vinyl tile	Light	Very few	None	None	Background
12-16-09	20912001-9 TL28LS	Storage Room 9A; within containment; eastern partition wall; about center; approximately three feet above floor; from vertical surface of gypsum board	Moderate	Very few	None	None	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-16-09	20912001-9 TL29LS	Storage Room 9B; within containment; floor; about center; from horizontal surface of vinyl tile	Moderate	Very few	None	None	Background
12-16-09	20912001-9 TL30LS	Storage Room 9B; within containment; ceiling plenum; ceiling framing along western partition wall; about center; approximately one inch above the ceiling line; from vertical surface of metal	Light	Very few	None	None	Background
12-16-09	20912001-9 TL31LS	Southeastern corner sawtooth containment; southern punch-out window; windowsill; about center; from horizontal surface of metal	Light	Very few	None	None	Background
12-16-09	20912001-9 TL32LS	Southeastern corner saw-tooth containment; middle window column area; subfloor; about six inches above northwest of column; from horizontal surface of concrete	Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009

Page 6

DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-16-09	20912001-9 TL33LS	Southeastern corner saw-tooth containment; eastern punchout window; southern window jamb; about center; approximately two inches above floor; from vertical surface of metal	Light	Very few	None	None	Background
12-17-09	20912001-9 TL34LS	Storage Room 9C; within containment; floor; about center; from horizontal surface of vinyl tile	Light	Very few	None	None	Background
12-17-09	20912001-9 TL35LS	Storage Room 9C; within containment; ceiling plenum; ceiling framing along eastern partition wall; approximately one inch above ceiling line; from vertical surface of metal	Light	Very few	None	None	Background
12-17-09	20912001-9 TL36LS	Western electrical closet area; northern closet; floor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
12-17-09	20912001-9 TL37LS	Western electrical closet area; central closet; eastern partition wall; about center; approximately six inches above floor; from vertical surface of gypsum board	Moderate	Very few	None	None	Background

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

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

HYGIENE TECHNOLOGIES INTERNATIONAL, INC.

APPENDIX A



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

**TABLE 20912001-9
SURFACE FUNGAL GROWTH POTENTIALS
CLEARANCE
9TH FLOOR
SACRAMENTO, CALIFORNIA
DECEMBER, 2009**

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DATE	SAMPLE NUMBER	SAMPLING LOCATION	BACKGROUND DEBRIS	MISCELLANEOUS SPORES PRESENT*	FUNGI SEEN WITH UNDERLYING MYCELIAL AND/OR SPORULATING STRUCTURES**	OTHER COMMENTS	GENERAL IMPRESSION
12-17-09	20912001-9 TL38LS	Eastern electrical closet area; northern closet; floor; about center; from horizontal surface of concrete	Moderate	Very few	None	None	Background
12-17-09	20912001-9 TL39LS	Eastern electrical closet area; northern closet; northern partition wall; about center; approximately six inches above floor; from vertical surface of gypsum board	Light	Very few	None	None	Background
12-17-09	20912001-9 TL40LS	Eastern electrical closet; area; central closet; floor; about center; from horizontal surface of concrete	Light	Very few	None	None	Background

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

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



Report for:

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

Regarding: Project: 20912001-7
EML ID: 607980

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-08-2009

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

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

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

Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-7

Date of Sampling: 12-07-2009
 Date of Receipt: 12-07-2009
 Date of Report: 12-08-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2695004-1: Tape sample 20912001-7TL01LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2695005-1: Tape sample 20912001-7TL02LS				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 4+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Mold growth
Lab ID-Version: 2695006-1: Tape sample 20912001-7TL03LS				
Heavy	Very few	4+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	Very few <i>Stachybotrys</i> spores detected.	Mold growth
Lab ID-Version: 2695007-1: Tape sample 20912001-7TL04LS				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2695008-1: Tape sample 20912001-7TL05LS				
Very Heavy	Very few	2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2695009-1: Tape sample 20912001-7TL06LS				
Moderate	Very few	None	Very few <i>Stachybotrys</i> spores detected. Very few <i>Alternaria</i> spores detected.	Mold growth in vicinity?

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2695010-1: Tape sample 20912001-7TL07LS				
Heavy	Very few	2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 608362

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-09-2009 and 12-10-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey
 Re: 20912001-7

Date of Sampling: 12-08-2009
 Date of Receipt: 12-09-2009
 Date of Report: 12-10-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2696787-1: Tape sample 20912001-7-TL01SM				
Very Heavy	Very few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2696788-1: Tape sample 20912001-7-TL02SM				
Very Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2696789-1: Tape sample 20912001-7-TL03SM				
Heavy	Very few	None	Moderate amounts of <i>Alternaria</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2696790-1: Tape sample 20912001-7-TL04SM				
Very Heavy	Few	None	None	Normal trapping
Lab ID-Version: 2696791-1: Tape sample 20912001-7-TL05SM				
Very Heavy	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 2+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 608364

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-10-2009

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

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

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

Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey
 Re: 20912001-7

Date of Sampling: 12-08-2009
 Date of Receipt: 12-09-2009
 Date of Report: 12-10-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2696831-1: Tape sample 20912001-7-TL01KT				
Very Heavy	Very few	1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores)	None	Mold growth
Lab ID-Version: 2696832-1: Tape sample 20912001-7-TL02KT				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2696833-1: Tape sample 20912001-7-TL03KT				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2696834-1: Tape sample 20912001-7-TL04KT				
Heavy	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2696835-1: Tape sample 20912001-7-TL05KT				
Moderate	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 608764

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-10-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey
 Re: 20912001-7

Date of Receipt: 12-09-2009
 Date of Report: 12-10-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2698491-1: Tape sample 20912001-7-TL06KT				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 3+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	A few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2698492-1: Tape sample 20912001-7-TL07KT				
Moderate	Very few	1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Mold growth
Lab ID-Version: 2698493-1: Tape sample 20912001-7-TL08KT				
Heavy	Very few	None	Moderate amounts of colorless spores typical of <i>Penicillium/Aspergillus</i> detected. Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2698494-1: Tape sample 20912001-7-TL09KT				
Heavy	Very few	2+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2698495-1: Tape sample 20912001-7-TL10KT				
Moderate	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 608761

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-10-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey
 Re: 20912001-7

Date of Receipt: 12-09-2009
 Date of Report: 12-10-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2698480-1: Tape sample 20912001-7-TL08LS				
Very Heavy	Very few	None	Moderate amounts of <i>Stachybotrys</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2698481-1: Tape sample 20912001-7-TL09LS				
Light	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected.	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 608765

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-10-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey
Re: 20912001-7

Date of Receipt: 12-09-2009
Date of Report: 12-10-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2698497-1: Tape sample 20912001-7-TL06SM				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609132

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-11-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-7

Date of Receipt: 12-11-2009
Date of Report: 12-11-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2699881-1: Tape sample 20912001-7-TL10LS				
Very Heavy	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609596

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-15-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Syed Mehdi
 Re: 20912001-7

Date of Sampling: 12-11-2009
 Date of Receipt: 12-14-2009
 Date of Report: 12-15-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701873-1: Tape sample 20912001-7-TL07SM				
Very Heavy	Very few	2+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Mold growth
Lab ID-Version: 2701874-1: Tape sample 20912001-7-TL08SM				
Heavy	Very few	3+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609597

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-15-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Ken Tse
 Re: 20912001-7

Date of Sampling: 12-11-2009
 Date of Receipt: 12-14-2009
 Date of Report: 12-15-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701902-1: Tape sample 20912001-7-TL11KT				
Light	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) < 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2701903-1: Tape sample 20912001-7-TL12KT				
Very Heavy	Very few	< 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Minimal mold growth
Lab ID-Version: 2701904-1: Tape sample 20912001-7-TL13KT				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 1+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae)	None	Mold growth
Lab ID-Version: 2701905-1: Tape sample 20912001-7-TL14KT				
Moderate	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 1+ <i>Aspergillus</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2701906-1: Tape sample 20912001-7-TL15KT				
Moderate	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 2+ <i>Aspergillus</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2701907-1: Tape sample 20912001-7-TL16KT				
Heavy	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609594

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-15-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-7

Date of Sampling: 12-11-2009
Date of Receipt: 12-14-2009
Date of Report: 12-15-2009

DIRECT MICROSCOPIC EXAMINATION REPORT
(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701872-1: Tape sample 20912001-7-TL11LS				
Heavy	Very few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609570

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-14-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey
 Re: 20912001-7

Date of Receipt: 12-14-2009
 Date of Report: 12-14-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701776-1: Tape sample 20912001-7-TL12LS				
Very Heavy	Very few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 3+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2701777-1: Tape sample 20912001-7-TL13LS				
Very Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Epicoccum</i> species (spores, hyphae)	None	Mold growth
Lab ID-Version: 2701778-1: Tape sample 20912001-7-TL14LS				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2701779-1: Tape sample 20912001-7-TL15LS				
Very Heavy	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609954

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-16-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Ken Tse
 Re: 20912001-7

Date of Sampling: 12-14-2009
 Date of Receipt: 12-15-2009
 Date of Report: 12-16-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2703347-1: Tape sample 20912001-7-TL21KT				
Moderate	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2703348-1: Tape sample 20912001-7-TL22KT				
Moderate	Very few	3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2703349-1: Tape sample 20912001-7-TL23KT				
Very Heavy	Very few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	A few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2703350-1: Tape sample 20912001-7-TL24KT				
Moderate	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 3+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 609957

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-16-2009

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-7

Date of Receipt: 12-15-2009
 Date of Report: 12-16-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2703381-1: Tape sample 20912001-7-TL16LS				
Very Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Acremonium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2703382-1: Tape sample 20912001-7-TL17LS				
Very Heavy	Very few	3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Mold growth
Lab ID-Version: 2703383-1: Tape sample 20912001-7-TL18LS				
Very Heavy	Few	None	Moderate amounts of <i>Alternaria</i> spores detected.	Mold growth in vicinity?

‡ 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".



EMLab P&K

Report for:

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

Regarding: Project: 20912001-7
EML ID: 610229

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-16-2009

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-7

Date of Sampling: 12-15-2009
 Date of Receipt: 12-15-2009
 Date of Report: 12-16-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2704805-1: Tape sample 20912001-7-TL22LS				
Very Heavy	Very few	< 1+ Brown hyphae with no associated spores, ID unknown. (hyphae)	None	Minimal mold growth
Lab ID-Version: 2704806-1: Tape sample 20912001-7-TL23LS				
Very Heavy	Very few	2+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 610223

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-15-2009

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-7

Date of Receipt: 12-15-2009
Date of Report: 12-15-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2704785-1: Tape sample 20912001-7-TL21LS				
Very Heavy	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 610781

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-18-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-7

Date of Receipt: 12-17-2009
 Date of Report: 12-18-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2706889-1: Tape sample 20912001-7-TL24LS				
Very Heavy	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-7
EML ID: 610780

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-18-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Ken Tse
 Re: 20912001-7

Date of Receipt: 12-17-2009
 Date of Report: 12-18-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2706887-1: Tape sample 20912001-7-TL32KT				
Moderate	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Epicoccum</i> species (spores, hyphae, conidiophores)	None	Mold growth

‡ 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".



Report for:

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

Regarding: Project: 20912001-9
EML ID: 609442

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-11-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-9

Date of Sampling: 12-11-2009
 Date of Receipt: 12-11-2009
 Date of Report: 12-11-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701243-1: Tape sample 20912001-9-TL01LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2701244-1: Tape sample 20912001-9-TL02LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2701245-1: Tape sample 20912001-9-TL03LS				
Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2701246-1: Tape sample 20912001-9-TL04LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2701247-1: Tape sample 20912001-9-TL05LS				
Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2701248-1: Tape sample 20912001-9-TL06LS				
Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2701249-1: Tape sample 20912001-9-TL07LS				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2701250-1: Tape sample 20912001-9-TL08LS				
Moderate	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2701251-1: Tape sample 20912001-9-TL09LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2701252-1: Tape sample 20912001-9-TL10LS				
Moderate	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-8
EML ID: 609438

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 12-11-2009

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-8

Date of Sampling: 12-11-2009
 Date of Receipt: 12-11-2009
 Date of Report: 12-11-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM01OUTLS		20912001-8-TM02LS		20912001-8-TM03LS		20912001-8-TM04LS	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	2701221-1		2701222-1		2701223-1		2701224-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	10	530						
Aureobasidium								
Basidiospores*	5	270	1	53				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium								
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	3	160			6	80	4	210
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		4+		3+		3+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		960		53		80		210

Comments: A) The 6 raw count *Penicillium/Aspergillus* type spores were present as a single clump.

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

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

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

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

‡ A "Version" 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.

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-8

Date of Sampling: 12-11-2009
Date of Receipt: 12-11-2009
Date of Report: 12-11-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM05LS		20912001-8-TM06LS		20912001-8-TM07OUTLS	
Comments (see below)	None		None		B	
Lab ID-Version‡:	2701225-1		2701226-1		2701227-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					7	370
Aureobasidium						
Basidiospores*					7	370
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium			1	53	1	53
Curvularia						
Epicoccum						
Fusarium						
Myrothecium						
Nigrospora	1	13				
Other colorless						
Penicillium/Aspergillus types†			1	53	31	450
Pithomyces						
Rusts*						
Smuts*, Periconia, Myxomycetes*			1	13		
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		4+		2+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		13		120		1,300

Comments: B) 30 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump.

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

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

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

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

‡ A "Version" 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.



Report for:

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

Regarding: Project: 20912001-8
EML ID: 609572

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 12-14-2009

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey
Re: 20912001-8

Date of Receipt: 12-14-2009
Date of Report: 12-14-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM11OUTLS		20912001-8-TM12LS		20912001-8-TM13LS		20912001-8-TM14LS	
Comments (see below)	None		None		A		A	
Lab ID-Version‡:	2701784-1		2701785-1		2701786-1		2701787-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	14	750						
Aureobasidium								
Basidiospores*	85	47,000	1	53				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	7	370						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	5	270						
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		3+		3+		2+	
Hyphal fragments/m3	13		< 13		< 13		< 13	
Pollen/m3	< 13		13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		49,000		53		< 13		< 13

Comments: A) No spores detected.

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

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

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

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

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

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey
Re: 20912001-8

Date of Receipt: 12-14-2009
Date of Report: 12-14-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM15LS		20912001-8-TM16LS		20912001-8-TM17LS		20912001-8-TM18OUTLS	
Comments (see below)	A		A		None		None	
Lab ID-Version‡:	2701788-1		2701789-1		2701790-1		2701791-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*							13	690
Aureobasidium								
Basidiospores*					1	53	86	48,000
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium					1	53	3	160
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†							7	370
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	1+		< 1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		< 13		< 13		110		49,000

Comments: A) No spores detected.

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

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

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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.



Report for:

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

Regarding: Project: 20912001-8
 EML ID: 610225

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 12-15-2009

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-8

Date of Receipt: 12-15-2009
Date of Report: 12-15-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM21OUTLS		20912001-8-TM22LS		20912001-8-TM23LS		20912001-8-TM24LS	
Comments (see below)	A		B		None		None	
Lab ID-Version‡:	2704786-1		2704787-1		2704788-1		2704789-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27						
Arthrinium								
Ascospores*	15	800						
Aureobasidium								
Basidiospores*	249	13,000					2	110
Bipolaris/Drechslera group								
Botrytis	1	13						
Chaetomium								
Cladosporium	135	4,400			1	53		
Curvularia								
Epicoccum	3	40						
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	15	800	4	53				
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium	2	27						
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		4+		3+		3+	
Hyphal fragments/m3	40		< 13		< 13		< 13	
Pollen/m3	27		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		19,000		53		53		110

Comments: A) 71 of the raw count *Cladosporium* spores were present as a clump of 34 and a clump of 37 spores. B) The 4 raw count *Penicillium/Aspergillus* type spores were present as a single clump.

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

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

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

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

‡ A "Version" 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.



Report for:

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

Regarding: Project: 20912001-9
EML ID: 610226

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-15-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-9

Date of Sampling: 12-15-2009
 Date of Receipt: 12-15-2009
 Date of Report: 12-15-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2704790-1: Tape sample 20912001-9-TL21LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2704791-1: Tape sample 20912001-9-TL22LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2704792-1: Tape sample 20912001-9-TL23LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2704793-1: Tape sample 20912001-9-TL24LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2704794-1: Tape sample 20912001-9-TL25LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2704795-1: Tape sample 20912001-9-TL26LS				
Light	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-9
EML ID: 610659

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-17-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-9

Date of Receipt: 12-16-2009
 Date of Report: 12-17-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2706525-1: Tape sample 20912001-9-TL27LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2706526-1: Tape sample 20912001-9-TL28LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2706527-1: Tape sample 20912001-9-TL29LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2706528-1: Tape sample 20912001-9-TL30LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2706529-1: Tape sample 20912001-9-TL31LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2706530-1: Tape sample 20912001-9-TL32LS				
Moderate	Very few	None	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2706531-1: Tape sample 20912001-9-TL33LS				
Light	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-9
EML ID: 611032

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-18-2009

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

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
 Northern California
 C/O: Mr. Wesley Frey, Mr. Larry Sandhu
 Re: 20912001-9

Date of Sampling: 12-17-2009
 Date of Receipt: 12-17-2009
 Date of Report: 12-18-2009

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2708089-1: Tape sample 20912001-9-TL34LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2708090-1: Tape sample 20912001-9-TL35LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2708091-1: Tape sample 20912001-9-TL36LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2708092-1: Tape sample 20912001-9-TL37LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2708093-1: Tape sample 20912001-9-TL38LS				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2708094-1: Tape sample 20912001-9-TL39LS				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 2708095-1: Tape sample 20912001-9-TL40LS				
Light	Very few	None	None	Normal trapping

‡ 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".



Report for:

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

Regarding: Project: 20912001-8
 EML ID: 611033

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 12-18-2009

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-8

Date of Sampling: 12-17-2009
Date of Receipt: 12-17-2009
Date of Report: 12-18-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM30OUTLS		20912001-8-TM31LS		20912001-8-TM32LS		20912001-8-TM33LS	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	2708081-1		2708082-1		2708083-1		2708084-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*	20	1,100						
Aureobasidium								
Basidiospores*	468	25,000	2	110			1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	21	1,100	1	53				
Curvularia								
Epicoccum	3	40						
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	19	1,000					2	110
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		4+		1+		4+	
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		28,000		160		< 13		160

Comments: A) No spores detected.

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

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

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

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

‡ A "Version" 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.

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-8

Date of Sampling: 12-17-2009
Date of Receipt: 12-17-2009
Date of Report: 12-18-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM34LS		20912001-8-TM35LS		20912001-8-TM36LS		20912001-8-TM37OUTLS	
Comments (see below)	None		A		A		None	
Lab ID-Version‡:	2708085-1		2708086-1		2708087-1		2708088-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*							13	690
Aureobasidium								
Basidiospores*							417	22,000
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53					11	590
Curvularia								
Epicoccum							5	67
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	1	53					13	690
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*							4	53
Stachybotrys								
Stemphylium							1	13
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		< 1+		1+		4+	
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		110		< 13		< 13		24,000

Comments: A) No spores detected.

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

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

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

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

‡ A "Version" 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.



Report for:

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

Regarding: Project: 20912001-8
 EML ID: 610660

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 12-17-2009

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: Hygiene Technologies International, Inc.:
Northern California
C/O: Mr. Wesley Frey, Mr. Larry Sandhu
Re: 20912001-8

Date of Receipt: 12-16-2009
Date of Report: 12-17-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	20912001-8-TM25OUTLS		20912001-8-TM26LS		20912001-8-TM27LS		20912001-8-TM28LS		20912001-8-TM29LS	
Comments (see below)	None		None		None		A		B	
Lab ID-Version‡:	2706532-1		2706533-1		2706534-1		2706535-1		2706536-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria										
Arthrinium										
Ascospores*	11	590								
Aureobasidium										
Basidiospores*	131	7,000	3	160	2	110	1	53		
Bipolaris/Drechslera group										
Botrytis										
Chaetomium										
Cladosporium	7	370			2	110				
Curvularia										
Epicoccum										
Fusarium										
Myrothecium										
Nigrospora	1	13								
Other brown							1	13		
Penicillium/Aspergillus types†	1	53			1	53	18	440		
Pithomyces										
Rusts*										
Smuts*, Periconia, Myxomycetes*										
Stachybotrys										
Stemphylium										
Torula										
Ulocladium										
Zygomycetes										
Background debris (1-4+)††	2+		3+		3+		3+		1+	
Hyphal fragments/m3	< 13		< 13		13		< 13		< 13	
Pollen/m3	13		< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75		75	
§ TOTAL SPORES/m3		8,000		160		270		510		< 13

Comments: A) 13 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. B) No spores detected.

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

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

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

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

‡ A "Version" 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.



Request For Analysis

Project Number/Purchase Order: 20912001-9 Date Submitted: 12-11-9
 Project Contact: L-Sandhu Turnaround Required: 20912001-9 Same day (25)
 Lab Destination: FIN LAB Lab Contact: Sample Receiving

SAMPLE ID	VOLUME	MEDIA	ANALYSIS REQUESTED
20912001-9 TL01LS	N/A	Type	Direct exam (Qualitative)
TL02LS	↓	↓	↓
TL03LS	↓	↓	↓
TL04LS	↓	↓	↓
TL05LS	↓	↓	↓
TL06LS	↓	↓	↓
TL07LS	↓	↓	↓
TL08LS	↓	↓	↓
TL09LS	↓	↓	↓
TL10LS	↓	↓	↓

Special Instructions: _____

1. Sampled by: Sandhu on 12-11-9 @ 13:45 Received by: [Signature]
 2. Relinquished by: Sandhu on 12-11-9 @ 5:45 Received by: [Signature] SUSPH
 3. Relinquished by: _____ Received by: _____
 Please include signature, date, and time

Lab Use Only:

