



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; DGS-BOE Penthouse
EML ID: 603607

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 11-20-2009

Project 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.

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.

Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: 2372.03-572; DGS-BOE Penthouse

Date of Receipt: 11-20-2009
Date of Report: 11-20-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1117-PHA01: PH roof pre		2372-1117-PHA02: PH elevator area pre		2372-1117-PHA03: PH office area pre		2372-1117-PHA04: PH boiler room pre	
Comments (see below)	A		B		C		None	
Lab ID-Version‡:	2676147-1		2676148-1		2676149-1		2676150-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13	3	40	1	13
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	15	800	2	110	2	110	1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium			1	13	1	13		
Cladosporium	44	1,700	6	320	30	760	5	270
Curvularia								
Epicoccum					1	13	1	13
Fusarium								
Nigrospora	2	27	1	13			1	13
Oidium	1	13						
Penicillium/Aspergillus types†	185	7,700	16	250	4	210	16	850
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	22	290	1	13	3	40	5	67
Stachybotrys					1	13		
Stemphylium	1	13						
Torula					1	13		
Ulocladium								
Background debris (1-4+)††	2+		4+		4+		4+	
Hyphal fragments/m3	40		40		53		53	
Pollen/m3	13		< 13		40		13	
Skin cells (1-4+)	< 1+		< 1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORE/m3		11,000		730		1,200		1,300

Comments: A) 17 of the raw count *Cladosporium* spores were present as a single clump. 55 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. B) 15 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. C) 21 of the raw count *Cladosporium* spores were present as a single clump.

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Receipt: 11-20-2009
 Date of Report: 11-20-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1117-PHA05: PH elevator area post		2372-1117-PHA06: PH boiler room post		2372-1117-PHA07: PH office area post		2372-1117-PHA08: PH roof post	
Comments (see below)	None		D		E		None	
Lab ID-Version‡:	2676151-1		2676152-1		2676153-1		2676154-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	3	40				
Arthrinium								
Ascospores*	1	53			2	110	2	110
Aureobasidium								
Basidiospores*	2	110	6	320	2	110	21	1,100
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	13			5	67	1	13
Cladosporium	12	640	35	1,100	18	520	68	3,600
Curvularia								
Epicoccum			2	27				
Fusarium								
Nigrospora	2	27	4	53	2	27		
Oidium								
Penicillium/Aspergillus types†	1	53	7	370	6	320	16	850
Pithomyces								
Rusts*			1	13	1	13		
Smuts*, Periconia, Myxomycetes*	5	67	4	53	9	120	3	40
Stachybotrys								
Stemphylium			2	27				
Torula								
Ulocladium							1	13
Background debris (1-4+)††	> 4+		4+		4+		2+	
Hyphal fragments/m3	93		93		53		93	
Pollen/m3	27		80		40		13	
Skin cells (1-4+)	1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORE/m3		970		2,000		1,300		5,800

Comments: D) 20 of the raw count *Cladosporium* spores were present as a single clump. E) 11 of the raw count *Cladosporium* spores were present as a single clump.

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

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

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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.
 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Receipt: 11-20-2009
 Date of Report: 11-20-2009

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 2372-1117-PHA01, PH roof pre

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: November				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	280	51	7	27	230	57
Bipolaris/Drechslera group	-	7	13	190	19	7	13	120	13
Chaetomium	-	7	13	210	12	7	13	120	19
Cladosporium	1,700	27	590	11,000	95	53	640	7,000	97
Curvularia	-	7	20	760	19	7	13	230	7
Nigrospora	27	7	13	210	19	7	13	170	8
Penicillium/Aspergillus types	7,700	27	230	2,900	81	33	210	2,500	85
Stachybotrys	-	7	13	270	3	7	13	280	5
Stemphylium	13	7	13	73	4	7	13	67	9
Torula	-	7	13	130	10	7	13	150	12
Ulocladium	-	7	13	110	8	7	13	93	10
Seldom found growing indoors**									
Ascospores	53	13	110	2,800	75	13	110	1,900	71
Basidiospores	800	13	370	18,000	93	13	210	7,200	93
Oidium	13	7	13	260	9	7	13	190	20
Rusts	13	7	13	290	25	7	13	270	28
Smuts, Periconia, Myxomycetes	290	7	53	750	73	8	40	490	70
TOTAL SPORES/M3	10,622								

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

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

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

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

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

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 Re: 2372.03-572; DGS-BOE Penthouse

Date of Receipt: 11-20-2009
 Date of Report: 11-20-2009

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 2372-1117-PHA08, PH roof post

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: November				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	280	51	7	27	230	57
Bipolaris/Drechslera group	-	7	13	190	19	7	13	120	13
Chaetomium	13	7	13	210	12	7	13	120	19
Cladosporium	3,600	27	590	11,000	95	53	640	7,000	97
Curvularia	-	7	20	760	19	7	13	230	7
Nigrospora	-	7	13	210	19	7	13	170	8
Penicillium/Aspergillus types	850	27	230	2,900	81	33	210	2,500	85
Stachybotrys	-	7	13	270	3	7	13	280	5
Stemphylium	-	7	13	73	4	7	13	67	9
Torula	-	7	13	130	10	7	13	150	12
Ulocladium	13	7	13	110	8	7	13	93	10
Seldom found growing indoors**									
Ascospores	110	13	110	2,800	75	13	110	1,900	71
Basidiospores	1,100	13	370	18,000	93	13	210	7,200	93
Oidium	-	7	13	260	9	7	13	190	20
Rusts	-	7	13	290	25	7	13	270	28
Smuts, Periconia, Myxomycetes	40	7	53	750	73	8	40	490	70
TOTAL SPORES/M3	5,726								

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

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

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Cherry Hill, NJ: 1036 Olney Avenue, Cherry Hill, NJ 08003 * (856) 871-1984
 Phoenix, AZ: 1501 West Knuudson Drive, Phoenix, AZ 85027 * (800) 551-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (856) 888-6653

FUNGAL ANALY
REQUESTED SERVICES ✓



Culturable
 BroCassette Andersen, SAS, Swab, Water, Bulk,
 Dust, Soil, Contact Plate

Non-Culturable
 Trap Swab Bulk
 Direct Microscopic Exam (Qualitative)
 Quantitative Spore Count Direct Exam
 Spore Trap Analysis - Other guidelines

Other

CONTACT INFORMATION
 Company: LaCroix Davis, LLC
 Address: 3685 Mt. Diablo Blvd Ste 210 Lafayette, CA 94549
 Contact: C. Corpuz, T. Ice, A. Stembach
 Phone: 925.299.1140
 Special Instructions: email contacts

PROJECT INFORMATION
 Project ID: PGS-BOE PentHouse
 Project Desc: 272.03-572
 Project Date & Time: 11/7, 11/18, 11/19/09
 Zip Code:
 PO Number:

TURN AROUND TIME CODES - (TAT)
 STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WH - Weekend/Holiday

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-1117-PHA01	PH ROOF	ST	STD	75	9:00
2372-1117-PHA02	PH Elevator area	ST	STD	75	
2372-1117-PHA03	PH office area	ST	STD	75	
2372-1117-PHA04	PH Boiler Room	ST	STD	75	9:30
2372-1117-PHA05	PH Elevator area	ST	STD	75	4:30
2372-1117-PHA06	PH Boiler Room	ST	STD	75	
2372-1117-PHA07	PH office area	ST	STD	75	
2372-1117-PHA08	PH Roof	ST	STD	75	5:00

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME
BC - BioCassette	CP - Contact Plate	T - Trap	D - Dust	<u>Sheema</u>	<u>11/19/09 17:00</u>
A15 - Andersen	ST - Spore Trap	SW - Swab	W - Water		
SAS - Surface Air Sampler	SO - Soil	B - Bulk	SO - Soil		
O - Other					

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

RECEIVED BY	DATE & TIME
<u>[Signature]</u>	<u>11/19/09 5:00</u>

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; DGS-BOE Penthouse S. WDA
EML ID: 603615

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 11-23-2009

Project 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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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse S. WDA

Date of Submittal: 11-19-2009
 Date of Receipt: 11-19-2009
 Date of Report: 11-23-2009

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‡: 2676208-1: Bulk sample 2372-1117-PHB01: Paint sample metals				
Paint chips	None	None	None	No mold spores detected
Lab ID-Version: 2676238-1: Tape sample 2372-1117-PHT02: Horizontal beam, dust				
Very Heavy	Wide variety	None	None	Normal trapping
Lab ID-Version: 2676209-1: Bulk sample 2372-1117-PHB03: Fiberglass batt mansard				
Insulation	Very few	None	None	Normal trapping
Lab ID-Version: 2676210-1: Bulk sample 2372-1117-PHB04: GB wall at base west				
Wallboard	None	3+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae)	None	Mold growth
Lab ID-Version: 2676239-1: Tape sample 2372-1117-PHT05: GB enclosure texture				
Moderate	Very few	4+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae)	None	Mold growth
Lab ID-Version: 2676240-1: Tape sample 2372-1117-PHT06: GB wall at janitor sink				
Moderate	Very few	2+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2676241-1: Tape sample 2372-1117-PHT07: Covebase break room				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2676211-1: Bulk sample 2372-1117-PHB08: FP deck comp, west CTR				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676212-1: Bulk sample 2372-1117-PHB09: FP office roof west				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676213-1: Bulk sample 2372-1117-PHB10: GB and paper office west				
Wallboard	Very few	None	A few <i>Stachybotrys</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‡: 2676214-1: Bulk sample 2372-1117-PHB11: FP debris office roof west				
Miscellaneous debris	Few	None	None	Normal trapping
Lab ID-Version: 2676215-1: Bulk sample 2372-1117-PHB12: GB paper, cavity				
Wallboard	Very few	3+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2676216-1: Bulk sample 2372-1117-PHB13: FP deck comp west office				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676217-1: Bulk sample 2372-1117-PHB14: Insulation at mansard/HP deck				
Insulation	Very few	None	None	Normal trapping
Lab ID-Version: 2676218-1: Bulk sample 2372-1118-PHB15: FP deck SW				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676219-1: Bulk sample 2372-1118-PHB16: Insulation at mansard/HP deck				
Insulation	Very few	None	None	Normal trapping
Lab ID-Version: 2676220-1: Bulk sample 2372-1118-PHB17: FP deck SW, S stain				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676221-1: Bulk sample 2372-1118-PHB18: FP deck SW, N stain				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676242-1: Tape sample 2372-1118-PHT19: GB duct side stains				
Heavy	Variety	None	None	Normal trapping
Lab ID-Version: 2676222-1: Bulk sample 2372-1118-PHB20: GB mud at stains				
Wallboard	Very few	None	None	Normal trapping
Lab ID-Version: 2676223-1: Bulk sample 2372-1118-PHB21: FP SW storage deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676243-1: Tape sample 2372-1118-PHT22: GB duct at FP and conduit				
Heavy	Variety	None	None	Normal trapping
Lab ID-Version: 2676224-1: Bulk sample 2372-1118-PHB23: FP deck S				
Miscellaneous debris	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‡: 2676244-1: Tape sample 2372-1118-PHT24: Duct S				
Heavy	Variety	None	Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2676225-1: Bulk sample 2372-1118-PHB25: Office roof GB paper				
Drywall paper	Few	None	None	Normal trapping
Lab ID-Version: 2676245-1: Tape sample 2372-1118-PHT26: Stain GB duct				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 2676226-1: Bulk sample 2372-1118-PHB27: FP deck S				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676227-1: Bulk sample 2372-1118-PHB28: FP deck S				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676228-1: Bulk sample 2372-1118-PHB29: FP deck NW				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676246-1: Tape sample 2372-1118-PHT30: GB wall NW				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2676260-1: Tape sample 2372-1118-PHT31: GB stain mid wall				
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 2676229-1: Bulk sample 2372-1118-PHB32: GB paper office roof NW				
Drywall paper	Few	None	None	Normal trapping
Lab ID-Version: 2676230-1: Bulk sample 2372-1118-PHB33: FP deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676231-1: Bulk sample 2372-1118-PHB33A: FP deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676232-1: Bulk sample 2372-1118-PHB34: GB paper, office roof NE				
Drywall paper	Very few	2+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ <i>Phoma</i> / coelomycete (spores, pycnidia, hyphae)	None	Mold growth
Lab ID-Version: 2676233-1: Bulk sample 2372-1118-PHB35: GB paper, cavity side, roof				
Drywall paper	Very few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2676234-1: Bulk sample 2372-1118-PHB36: FP deck office NE				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676235-1: Bulk sample 2372-1118-PHB37: FP deck office NW				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676236-1: Bulk sample 2372-1119-PHB38: FP deck boiler S				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2676237-1: Bulk sample 2372-1119-PHB39: FP deck boiler ctr				
Miscellaneous debris	Very few	None	None	Normal trapping

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

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FUNGAL ANALY

REQUESTED SERVICES (V) 000603615



Non-Culturable
Tape Swab
Bulk

Culturable
BioCassette Andersen, SAS, Swab, Water,
Bulk,
Dish, Soil, Contact Plate

Other

Spore Trap Analysis - Other particles	Air Fungi - Full specification	1. Media Surface Fungi - Full specification	1. Media Surface Fungi - Full specification	3. Media Surface Fungi - Full specification
Spore Trap Analysis	Air Fungi (Census ID - App. specification)	1. Media Surface Fungi - Full specification	2. Media Surface Fungi (Census ID - App. specification)	3. Media Surface Fungi - Full specification
Direct Microscope Exam (Qualitative)	Quantitative Spore Count Direct Exam	1. Media Surface Fungi - Full specification	2. Media Surface Fungi - Full specification	3. Media Surface Fungi - Full specification
Fluor Characterization	1. Media Surface Fungi - Full specification	1. Media Surface Fungi - Full specification	2. Media Surface Fungi - Full specification	3. Media Surface Fungi - Full specification

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	11/19/09

WEATHER	Log	Rain	Snow	Wind	Clear
Level					
Name					
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company: *Lg Croix Davis, LLC*
Address: *3665 Mt Diablo Blvd Suite 210 Lafayette, CA 94549*
Special Instructions: *email contacts*

PROJECT INFORMATION

Project ID: *3372-03-572*
Project Desc: *PGS BOE Penthouse SWDA*
Project Name: *A. Steinbach*
Sampling Date & Time: *11/17, 11/18, 11/19/09*
PO Number:

TURN AROUND TIME CODES - (TAT)

STD - Standard (DEFAULT)
ND - Next Business Day
SD - Same Business Day Rush
WH - Weekend/Holiday

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-1117-PH B01	Paint Sample - metals	B STD			
2372-1117-PH T02	horizontal beam dust	T STD			
2372-1117-PH B03	Fiberglass batt - mansard	B STD			
2372-1117-PH B04	GB wall at base west	B STD			
2372-1117-PH T05	GB enclosure texture	T STD			
2372-1117-PH T06	GB wall at Janitor Sink	T STD			
2372-1117-PH T07	concrete break room	T STD			
2372-1117-PH B08	FP desk comp West CA	B STD			
2372-1117-PH B09	FP office roof West	B STD			
2372-1117-PH B10	GB and Paper office West	B STD			
2372-1117-PH B11	FP debris office West	B STD			
2372-1117-PH B12	GB Paper cavity	B STD			

RELINQUISHED BY	DATE & TIME
<i>[Signature]</i>	11/19/09

SAMPLE TYPE CODES			
CP - Contact Plate	T - Tape	D - Dust	
ST - Spore Trap	SW - Swab	W - Water	
Z - Zetacell, Allergence, Blueband	B - Bulk	SO - Soil	

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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

FUNGAL ANALY

REQUESTED SERVICES (✓) 000603615

Non-Culturable

Cultural

Spore Trap	Spore Trap Analysis - Other particles	1. Media Surface Fungi (Genus ID - Asp. speciation) 2. Media Surface Fungi (Genus ID - Asp. speciation) 3. Media Surface Fungi (Genus ID - Asp. speciation) 4. Media Surface Fungi (Genus ID - Asp. speciation) 5. Media Surface Fungi (Genus ID - Asp. speciation) 6. Media Surface Fungi (Genus ID - Asp. speciation) 7. Media Surface Fungi (Genus ID - Asp. speciation) 8. Media Surface Fungi (Genus ID - Asp. speciation) 9. Media Surface Fungi (Genus ID - Asp. speciation) 10. Media Surface Fungi (Genus ID - Asp. speciation)
Spore Trap Analysis	Spore Trap Analysis - Other particles	1. Media Surface Fungi (Genus ID - Asp. speciation) 2. Media Surface Fungi (Genus ID - Asp. speciation) 3. Media Surface Fungi (Genus ID - Asp. speciation) 4. Media Surface Fungi (Genus ID - Asp. speciation) 5. Media Surface Fungi (Genus ID - Asp. speciation) 6. Media Surface Fungi (Genus ID - Asp. speciation) 7. Media Surface Fungi (Genus ID - Asp. speciation) 8. Media Surface Fungi (Genus ID - Asp. speciation) 9. Media Surface Fungi (Genus ID - Asp. speciation) 10. Media Surface Fungi (Genus ID - Asp. speciation)
Direct Microscope Exam (Qualitative)	Direct Microscope Exam (Qualitative)	1. Media Surface Fungi (Genus ID - Asp. speciation) 2. Media Surface Fungi (Genus ID - Asp. speciation) 3. Media Surface Fungi (Genus ID - Asp. speciation) 4. Media Surface Fungi (Genus ID - Asp. speciation) 5. Media Surface Fungi (Genus ID - Asp. speciation) 6. Media Surface Fungi (Genus ID - Asp. speciation) 7. Media Surface Fungi (Genus ID - Asp. speciation) 8. Media Surface Fungi (Genus ID - Asp. speciation) 9. Media Surface Fungi (Genus ID - Asp. speciation) 10. Media Surface Fungi (Genus ID - Asp. speciation)
Quantitative Spore Count (Direct Exam)	Quantitative Spore Count (Direct Exam)	1. Media Surface Fungi (Genus ID - Asp. speciation) 2. Media Surface Fungi (Genus ID - Asp. speciation) 3. Media Surface Fungi (Genus ID - Asp. speciation) 4. Media Surface Fungi (Genus ID - Asp. speciation) 5. Media Surface Fungi (Genus ID - Asp. speciation) 6. Media Surface Fungi (Genus ID - Asp. speciation) 7. Media Surface Fungi (Genus ID - Asp. speciation) 8. Media Surface Fungi (Genus ID - Asp. speciation) 9. Media Surface Fungi (Genus ID - Asp. speciation) 10. Media Surface Fungi (Genus ID - Asp. speciation)
Dust Characterization	Dust Characterization	1. Media Surface Fungi (Genus ID - Asp. speciation) 2. Media Surface Fungi (Genus ID - Asp. speciation) 3. Media Surface Fungi (Genus ID - Asp. speciation) 4. Media Surface Fungi (Genus ID - Asp. speciation) 5. Media Surface Fungi (Genus ID - Asp. speciation) 6. Media Surface Fungi (Genus ID - Asp. speciation) 7. Media Surface Fungi (Genus ID - Asp. speciation) 8. Media Surface Fungi (Genus ID - Asp. speciation) 9. Media Surface Fungi (Genus ID - Asp. speciation) 10. Media Surface Fungi (Genus ID - Asp. speciation)

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	11/19/09 5:00

WEATHER		Wind	Clear
Name	Temp	Wind	Clear
Humidity	Pressure	Wind	Clear
Humidity	Pressure	Wind	Clear

CONTACT INFORMATION

Company: *La Croix Davis, LLC*
Address: *3605 Mt. Diablo Blvd. Ste 210 Lafayette, CA 94550*
Contact: *T. Rice, C. Corpuz, A. Stenbach*
Phone: *925.299.1140*

PROJECT INFORMATION

Project ID: *2372.03-572*
Project Desc: *DAS-DOE Penthouse WDA*
Project: *Sampling Date & Time: 11/17, 11/18, 11/19*
Zip Code: *94508*

TURN AROUND TIME CODES - (TAT)

STD - Standard [DEFAULT]
ND - Next Business Day
SD - Same Business Day Rush
WH - Weekend/Holiday

Notes: *Rushes received after 2pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.*

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-117-PH B 13	FP deck Camp West Office	B STD			
2372-117-PH B 14	Insulation at Mansard/HF deck	B STD			
2372-118-PH B 15	FP deck SW	B STD			
2372-118-PH B 16	Insulation at Mansard/HF deck	B STD			
2372-118-PH B 17	FP deck SW - S stain	B STD			
2372-118-PH B 18	FP deck SW - N stain	B STD			
2372-118-PH B 19	duct side stains	T STD			
2372-118-PH B 20	GO mud at stairs	B STD			
2372-118-PH B 21	FP SW storage deck	B STD			
2372-118-PH B 22	CP duct at FP command	T STD			
2372-118-PH B 23	FP DECK S	B STD			
2372-118-PH B 24	DUCT S	T STD			

RELINQUISHED BY	DATE & TIME
<i>[Signature]</i>	11/19/09 1:00

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FUNGAL ANALY:
REQUESTED SERVICES (VE 000603615)

WEATHER		log	Rain	Snow	Wind	Clear
Storm	Light					
Moderate	Heavy					
LEVL						



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CONTACT INFORMATION

Company: Lacroix Davis, LLC
Address: 3685 Mt. Diablo Blvd. Suite 210
City/State: San Ramon, CA 94549
Contact: C. Corpuz, T. Lee, A. Stembach
Special Instructions: email contacts

PROJECT INFORMATION

Project ID: 2372.03-572
Project Name: DGS-BOE PENTHOUSE
Project Description: supp WDA
Client: WDA
Start Date: 1/17, 1/18, 1/19

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT)
ND - Next Business Day
SD - Same Business Day Rush
WPH - Weekend/Holiday
Rushes received after 2pm on or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-118-PH025	office foot GB paper	B STD			
2372-118-PH026	stair GB duct	I STD			
2372-118-PH027	FP deck S	O STD			
2372-118-PH028	FP deck S	O STD			
2372-118-PH029	FP deck NW	O STD			
2372-118-PH030	GB NW	I STD			
2372-118-PH031	GB stair midwall	I STD			
2372-118-PH032	GB paper of spec roof NW	D STD			
2372-118-PH033	FP deck	O STD			
2372-118-PH033A	FP deck	O STD			
2372-118-PH034	GB paper of spec roof NE	O STD			
2372-118-PH035	GB paper - cavity side - rot	O STD			at water damage

SAMPLE TYPE CODES

BC - BioCassette
AT5 - Andersen
SAS - Surface Air Sampler
CB - Contact Plate
ST - Spore Trap
ATM - Andersen
SW - Swab
B - Bulk
D - Dust
W - Water
SO - Soil
O - Other

REINQUIRED BY

Theo Mabe
DATE & TIME: 11/19/09 10:00

RECEIVED BY

[Signature]
DATE & TIME: 11/19/09 5:50

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FUNGAL ANALY
REQUESTED SERVICES (✓) 000603615

WEATHER		Fog	Rain	Snow	Wind	Clear
Light	None					
Medium	Light					
Heavy	Medium					

CONTACT INFORMATION

Company: **LaCroix Davis, LLC**
Contact: **C. Corpuz, T. Ice, A. Steinbach**
Phone: **925.299.1140**

Address: **3685 Mt. Diablo Blvd, Ste 210
Laboyette, CA 94549**

Special Instructions: **email contacts**

PROJECT INFORMATION

Project ID: **2372-03-572**
Project Desc: **D65 BOE - Penthouse**
Project: **Sampling 11/17, 11/18, 11/19**
Zip Code:

TURN AROUND TIME CODES - (TAT)

STD - Standard (DEFAULT)
ND - Next Business Day
SD - Same Business Day Rush
WTH - Weekend/Holiday

Rushes received after 2pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-1118-PHB36	FP deck office NE	B STD			
2372-1118-PHB37	FP deck office NW	B STD			
2372-1119-PHB38	FP deck Boiler S	B STD			
2372-1119-PHB39	FP deck Boiler CH	B STD			

SAMPLE TYPE CODES

BC - BioCassette CP - Contact Plate T - Trap D - Dust
AT5 - Anderson ST - Spore Trap SW - Swab W - Waste
SAS - Surface Air Sampler Z - Zefon, Allergenco B - Bulk SO - Soil
O - Other

RELIQUISHED BY

Sheon Lee

DATE & TIME

11/19/09 1:00

RECEIVED BY

EDU

DATE & TIME

11/19/09 SAM

Non-Culturable

Tapo Swab Bulk
BioCassette Andersen, SAS, Swab, Water, Bulk, Disc, Soil, Contact Plate

Culturable

Spore Trap
Spore Trap Analysis Other particles

Air Fungi (Genus ID - App. speciation)
Air Fungi - Full speciation
Quantitative Spore Count Direct Exam
Direct Microscopic Exam (Qualitative)

1. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
2. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
3. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
4. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
5. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
6. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
7. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
8. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
9. Media Surface Fungi (Genus ID - App. speciation)
Full speciation
10. Media Surface Fungi (Genus ID - App. speciation)
Full speciation

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Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; DGS-BOE Penthouse
EML ID: 603600

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 11-20-2009

Project 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.

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.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Sampling: 11-18-2009
 Date of Receipt: 11-19-2009
 Date of Report: 11-20-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1118-PHA01: PH roof pre		2372-1118-PHA02: PH elevator pre		2372-1118-PHA03: PH office pre		2372-1118-PHA04: PH boiler pre	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2676132-1		2676133-1		2676134-1		2676135-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	10	530	2	110	1	53	1	53
Aureobasidium								
Basidiospores*	169	9,000	8	430	3	160	6	320
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53	1	53				
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora			1	13				
Other colorless								
Penicillium/Aspergillus types†	7	370	5	270	16	850	9	480
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*					1	13		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	< 1+		3+		4+		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 SPORE/m3		10,000		870		1,100		850

Comments:

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Sampling: 11-18-2009
 Date of Receipt: 11-19-2009
 Date of Report: 11-20-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1118-PHA05: PH roof post		2372-1118-PHA06: PH boiler post		2372-1118-PHA07: PH office post		2372-1118-PHA08: PH elevator post	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2676136-1		2676137-1		2676138-1		2676139-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13	1	13		
Arthrinium								
Ascospores*	5	270	1	53			1	53
Aureobasidium								
Basidiospores*	25	1,300	5	270	3	160	3	160
Bipolaris/Drechslera group								
Botrytis								
Chaetomium			1	13				
Cladosporium	19	1,000	5	270	1	53	1	53
Curvularia								
Epicoccum							1	13
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	7	370	13	690	23	1,200	8	430
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13	1	13	3	40
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		4+		4+		4+	
Hyphal fragments/m3	< 13		27		< 13		67	
Pollen/m3	< 13		13		< 13		13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORE/m3		3,000		1,300		1,500		750

Comments:

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Sampling: 11-18-2009
 Date of Receipt: 11-19-2009
 Date of Report: 11-20-2009

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1118-PHA01, PH roof pre**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: November				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	280	51	7	27	230	57
Bipolaris/Drechslera group	-	7	13	190	19	7	13	120	13
Chaetomium	-	7	13	210	12	7	13	120	19
Cladosporium	53	27	590	11,000	95	53	640	7,000	97
Curvularia	-	7	20	760	19	7	13	230	7
Nigrospora	-	7	13	210	19	7	13	170	8
Penicillium/Aspergillus types	370	27	230	2,900	81	33	210	2,500	85
Stachybotrys	-	7	13	270	3	7	13	280	5
Torula	-	7	13	130	10	7	13	150	12
Seldom found growing indoors**									
Ascospores	530	13	110	2,800	75	13	110	1,900	71
Basidiospores	9,000	13	370	18,000	93	13	210	7,200	93
Rusts	-	7	13	290	25	7	13	270	28
Smuts, Periconia, Myxomycetes	-	7	53	750	73	8	40	490	70
TOTAL SPORES/M3	9,953								

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

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

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

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

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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse

Date of Sampling: 11-18-2009
 Date of Receipt: 11-19-2009
 Date of Report: 11-20-2009

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1118-PHA05, PH roof post**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: November				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	280	51	7	27	230	57
Bipolaris/Drechslera group	-	7	13	190	19	7	13	120	13
Chaetomium	-	7	13	210	12	7	13	120	19
Cladosporium	1,000	27	590	11,000	95	53	640	7,000	97
Curvularia	-	7	20	760	19	7	13	230	7
Nigrospora	-	7	13	210	19	7	13	170	8
Penicillium/Aspergillus types	370	27	230	2,900	81	33	210	2,500	85
Stachybotrys	-	7	13	270	3	7	13	280	5
Torula	-	7	13	130	10	7	13	150	12
Seldom found growing indoors**									
Ascospores	270	13	110	2,800	75	13	110	1,900	71
Basidiospores	1,300	13	370	18,000	93	13	210	7,200	93
Rusts	-	7	13	290	25	7	13	270	28
Smuts, Periconia, Myxomycetes	-	7	53	750	73	8	40	490	70
TOTAL SPORES/M3	2,940								

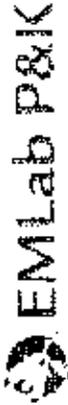
† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected.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

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

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

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

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Cherry Hill, NJ: 1926 Olney Avenue, Cherry Hill, NJ 08003 * (856) 871-1984
Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 651-4802
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER		Fog	Hail	Snow	Wind	Clear
Level	Moisture					
Light	Heavy					

CONTACT INFORMATION

Company: **LACROIX DAVIS, LLC**
 Address: **3685 Mt. Diablo, Ste 210**
 City: **Labeyette, CA 94549**
 Special Instructions: **email contacts**
 Phone: **925-299-1140**

PROJECT INFORMATION

Project ID: **2372003-572**
 Project Desc: **DGS-BOE Pent House**
 Project Code: **11/18/09**
 PC Number:

TURN AROUND TIME CODES - (TAT)

STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day, Rush
 WH - Weekend/Holiday

Rushes received after 2pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-118-PHAD1	PH Roof	Pre STD	STD	75	8:45
2372-118-PHAD2	PH Elevator	Pre STD	STD	75	
2372-118-PHAD3	PH Office	Pre STD	STD	75	9:10
2372-118-PHAD4	PH Corridor	Pre STD	STD	75	9:40
2372-118-PHAD5	PH Roof	Post STD	STD	75	
2372-118-PHAD6	PH Boiler	Post STD	STD	75	
2372-118-PHAD7	PH Office	Post STD	STD	75	
2372-118-PHAD8	PH Elevator	Post STD	STD	75	5:10

SAMPLE TYPE CODES

BC - Bio-Cassette	CP - Contact Plate	T - Tape	D - Dust
AIS - Andersen	ST - Spore Trap	SW - Swab	W - Water
SAS - Surface Air Sampler	Z - Zoon, Allergen o.	B - Bulk	SO - Soil
O - Other:	Surfard		

RELINQUISHED BY	DATE & TIME
<i>Theodore</i>	11/19/09 9:17:00

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	11/19/09 5:58

FUNGAL ANALY

REQUESTED SERVICES (w/)

000603600

Non-Culturable

Bru-Cassette Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

Culturable

Bru-Cassette Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

Spore Trap	Spore Trap Analysis - Other particles	
Spore Trap Analysis	Direct Microscopic Exam (Qualitative)	
Spore Trap Analysis	Quantitative Spore Count Direct Exam	
Spore Trap Analysis	Dust Characterization	
Spore Trap Analysis	Air Pump - Full Specimen	
Spore Trap Analysis	Air Pump - Full Specimen Pen. & Clad. Genus only	
Spore Trap Analysis	1 Media Surface Fungus (Genus ID - App. Specimen)	
Spore Trap Analysis	1 Media Surface Fungus - Full Specimen Pen. & Clad. Genus only	
Spore Trap Analysis	2 Media Surface Fungus (Genus ID - App. Specimen)	
Spore Trap Analysis	2 Media Surface Fungus - Full Specimen Pen. & Clad. Genus only	
Spore Trap Analysis	3 Media Surface Fungus (Genus ID - App. Specimen)	
Spore Trap Analysis	3 Media Surface Fungus - Full Specimen Pen. & Clad. Genus only	



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; DGS-BOE Penthouse Containment
EML ID: 607572

Approved by:

A handwritten signature in black ink, appearing to read "Malcolm Moody", is written over a light blue horizontal line.

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 12-08-2009

Project 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.

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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse Containment

Date of Sampling: 12-05-2009
 Date of Receipt: 12-07-2009
 Date of Report: 12-08-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1205-PHA01: Exterior roof W		2372-1205-PHA02: Penthouse offices		2372-1205-PHA03: Containment E		2372-1205-PHA04: Containment W	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	2693587-1		2693588-1		2693589-1		2693590-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	12	640						
Aureobasidium								
Basidiospores*	154	8,200	6	320	1	53		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	13	690	1	53			1	53
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	57	1,800	13	690	2	110	1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium							1	13
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		1+		1+		1+	
Hyphal fragments/m3	13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORE/m3		11,000		1,100		160		120

Comments: A) 32 of the raw count *Penicillium/Aspergillus* type spores were present as a clump of 9 and a clump of 23 spores.

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; DGS-BOE Penthouse Containment

Date of Sampling: 12-05-2009
 Date of Receipt: 12-07-2009
 Date of Report: 12-08-2009

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1205-PHA01, Exterior roof W**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: December				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	20	190	35	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	14	7	13	120	13
Chaetomium	-	7	13	160	9	7	13	120	19
Cladosporium	690	26	320	6,500	89	53	640	7,000	97
Curvularia	-	7	27	690	14	7	13	230	7
Nigrospora	-	7	13	200	12	7	13	170	8
Penicillium/Aspergillus types	1,800	20	190	2,300	80	33	210	2,500	85
Stachybotrys	-	7	13	570	3	7	13	280	5
Torula	-	7	13	150	6	7	13	150	12
Seldom found growing indoors**									
Ascospores	640	11	110	2,800	65	13	110	1,900	71
Basidiospores	8,200	13	240	11,000	88	13	210	7,200	93
Rusts	-	7	13	200	12	7	13	270	28
Smuts, Periconia, Myxomycetes	13	7	27	370	59	8	40	490	70
TOTAL SPORES/M3	11,343								

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

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

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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 * (856) 871-1984
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

FUNGAL ANALYSIS
 REQUESTED SERVICES (✓) **00607572**

Non-Culturable
 Spore Trap
 Type Swab Bulk
 BioCassette Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

Culturable
 1. Media Surface Fungi - Full specification
 2. Media Surface Fungi (Conus ID - App. specification)
 3. Media Surface Fungi - Full specification
 4. Media Surface Fungi - Full specification Pen & Cold genus only
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 100. Media Surface Fungi - Full specification Pen & Cold genus only

WEATHER
 Clear Partly Rain Snow Wind Chv
 Light Moderate Heavy

CONTACT INFORMATION
 Company: LaCroix Davis LLC
 Address: 3635 Mt. Diablo Blvd Ste 210
San Ramon, CA 94549
 Special Instructions: email contacts

PROJECT INFORMATION
 Project ID: 2372-03-572
 Project Description: Penthouse Containment
 Project: 2372-03-572
 Date & Time: 12/05/09

TURN AROUND TIME CODES - (TAT)
 STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WH - Weekend/Holiday

NOTES
 Rushes received after 2pm on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Anals (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-03-572-01	Exterior Roof W	ST STD	75	75	11:00
2372-03-572-02	Penthouse Offices	SF STD	75	75	
2372-03-572-03	Containment E	SF STD	75	75	
2372-03-572-04	Containment W	ST STD	75	75	12:00

SAMPLE TYPE CODES
 BC - BioCassette
 A15 - Anderson
 SAS - Surface Air Sampler
 Contact Plate
 Spore Trap
 Bulk/Allergenco
 Burkard...
 T - Tape
 SW - Swab
 B - Bulk
 D - Dust
 W - Water
 SO - Soil

REQUISHED BY
Thomas Lee

DATE & TIME
12/05/09 12:00

RECEIVED BY
Drop Box

DATE & TIME
12/09/09



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS BOE Penthouse Office Deck
EML ID: 611922

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-22-2009

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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS BOE Penthouse Office Deck

Date of Sampling: 12-21-2009
 Date of Receipt: 12-21-2009
 Date of Report: 12-22-2009

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‡: 2712012-1: Tape sample 2372-1221-PHT01: S ctr alcove cavity				
Very Heavy	Very few	< 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Minimal mold growth
Lab ID-Version: 2712013-1: Tape sample 2372-1221-PHT02: S ctr deck top				
Very Heavy	Very few	< 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) < 1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Minimal mold growth
Lab ID-Version: 2712014-1: Tape sample 2372-1221-PHT03: SW cavity GB				
Very Heavy	Very few	< 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected. Very few <i>Stachybotrys</i> spores detected.	Minimal mold growth
Lab ID-Version: 2712015-1: Tape sample 2372-1221-PHT04: NW cavity GB				
Heavy	Very few	3+ <i>Penicillium</i> species (spores, hyphae, conidiophores) < 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) < 1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	Moderate amounts of dark amorphous particles detected, not biological in appearance.	Mold growth
Lab ID-Version: 2712016-1: Tape sample 2372-1221-PHT05: NE cavity GB				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2712017-1: Tape sample 2372-1221-PHT06: W ctr deck				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2712018-1: Tape sample 2372-1221-PHT07: Center deck				
Very Heavy	Very few	< 1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	A few <i>Ulocladium</i> spores detected.	Minimal mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2712019-1: Tape sample 2372-1221-PHT08: NE deck				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2712020-1: Tape sample 2372-1221-PHT09: SE deck				
Very Heavy	Very few	None	Very few <i>Chaetomium</i> spores detected. Heavy amounts of dark amorphous particles detected, not biological in appearance.	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. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; PH-DGS-BOE
EML ID: 612230

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a white background.

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 12-23-2009

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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: 2372.03-572; PH-DGS-BOE

Date of Sampling: 12-22-2009
 Date of Receipt: 12-22-2009
 Date of Report: 12-23-2009

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‡: 2713828-1: Tape sample 2372-1222-PHT10: Near NW Column Cavity GB				
Very Heavy	Very few	1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) < 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) < 1+ <i>Chaetomium</i> species (ascospores, ascomata, hyphae)	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".



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: 2372.03-572; Penthouse Mold Containment
EML ID: 613041

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a white background.

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 12-28-2009

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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; Penthouse Mold Containment

Date of Sampling: 12-28-2009
 Date of Receipt: 12-28-2009
 Date of Report: 12-28-2009

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1228- PHA01: SW outside		2372-1228- PHA02: PH open air by freight		2372-1228- PHA03: South containment		2372-1228- PHA04: North containment		2372-1228- PHA05: E outside	
Comments (see below)	None		A		None		None		None	
Lab ID-Version‡:	2717292-1		2717293-1		2717294-1		2717295-1		2717296-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria										
Arthrinium										
Ascospores*	34	1,800							23	1,200
Basidiospores*	243	13,000	4	210	5	270	3	160	232	12,000
Bipolaris/Drechslera group										
Botrytis										
Chaetomium										
Cladosporium	7	370							5	270
Curvularia										
Epicoccum			1	13						
Myrothecium										
Nigrospora										
Penicillium/Aspergillus types†	2	110	45	1,000	5	270	8	430		
Pithomyces										
Rusts*									1	13
Smuts*, Periconia, Myxomycetes*										
Stachybotrys										
Stemphylium										
Torula										
Ulocladium										
Zygomycetes										
Background debris (1-4+)††	2+		3+		2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13		< 13	
Skin cells (1-4+)	None		< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75		75	
§ TOTAL SPORE/m3		15,000		1,300		530		590		14,000

Comments: A) 34 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 *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.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; Penthouse Mold Containment

Date of Sampling: 12-28-2009
 Date of Receipt: 12-28-2009
 Date of Report: 12-28-2009

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 2372-1228-PHA01, SW outside

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: December				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	20	190	35	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	14	7	13	130	13
Chaetomium	-	7	13	160	9	7	13	120	19
Cladosporium	370	26	320	6,600	89	53	640	7,000	97
Curvularia	-	7	27	600	14	7	13	230	7
Nigrospora	-	7	13	180	13	7	13	170	8
Penicillium/Aspergillus types	110	15	170	2,200	78	33	210	2,500	85
Stachybotrys	-	7	13	570	3	7	13	270	5
Torula	-	7	13	160	6	7	13	150	12
Seldom found growing indoors**									
Ascospores	1,800	13	110	2,900	65	13	110	1,900	71
Basidiospores	13,000	13	250	11,000	87	13	210	7,300	93
Rusts	-	7	13	200	13	7	13	270	28
Smuts, Periconia, Myxomycetes	-	7	27	400	59	8	40	500	70
TOTAL SPORES/M3	15,280								

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: 2372.03-572; Penthouse Mold Containment

Date of Sampling: 12-28-2009
 Date of Receipt: 12-28-2009
 Date of Report: 12-28-2009

MoldRANGE™: Extended Outdoor Comparison
Outdoor Location: 2372-1228-PHA05, E outside

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: December				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	20	190	35	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	14	7	13	130	13
Chaetomium	-	7	13	160	9	7	13	120	19
Cladosporium	270	26	320	6,600	89	53	640	7,000	97
Curvularia	-	7	27	600	14	7	13	230	7
Nigrospora	-	7	13	180	13	7	13	170	8
Penicillium/Aspergillus types	-	15	170	2,200	78	33	210	2,500	85
Stachybotrys	-	7	13	570	3	7	13	270	5
Torula	-	7	13	160	6	7	13	150	12
Seldom found growing indoors**									
Ascospores	1,200	13	110	2,900	65	13	110	1,900	71
Basidiospores	12,000	13	250	11,000	87	13	210	7,300	93
Rusts	13	7	13	200	13	7	13	270	28
Smuts, Periconia, Myxomycetes	-	7	27	400	59	8	40	500	70
TOTAL SPORES/M3	13,483								

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

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

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 Phoenix, AZ: 1501 West Kaulden Drive, Phoenix, AZ 85027 * (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653



REQUESTED SERVICES: 000613041

Non-Culturable		Culturable		Other Requests
Spore Trap	Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles	
	Fungi - Spore Trap Analysis			
	Direct Microscopic Exam (Qualitative)			
	Quarantine Spore Count Direct Exam			
	1-Media Surface Fungi (Genus ID - App. spp.)			
	2-Media Surface Fungi (Genus ID - App. spp.)			
	3-Media Surface Fungi (Genus ID - App. spp.)			
	Culturable Air Fungi (Genus ID - App. spp.)			
	Gram Stain and Counts (Culturable Air and Surface Bacteria)			
	Legionella culture			
	Total Coliforms, E.coli (Presence/Absence)			
	Membrane Filtration (Please specify organism)			
	MFN Bacteria (Please specify organism)			
	Quarantine - Sewage Screen			
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)			Asbestos Analysis - PCM (GFA method 600/R-93-116)
				PCR (Please specify test)

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	12/28/09 8:15 AM

WEATHER			
None	Fog	Rain	Wind
Light			
Moderate			
Heavy			

CONTACT INFORMATION

Company: LaCuvix Davis
 Address: 3685 Mt. Diablo Blvd., Lafayette, CA
 Special Instructions: email contacts

PROJECT INFORMATION

Project ID: 2372.03-572
 Project Desc: Pent house mold containment
 Sampling Date & Time: 12/28/09

TURN AROUND TIME CODES (TAT)

STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WH - Weekend/Holiday

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES	
					(Time of day)	(Temp, RH, etc.)
2372-12-28-PH-A01	SW outside	ST	SD	75L	7:18 AM	
2372-12-28-PH-A02	PH open air by freight	ST	SD	75L	7:13 PM	
2372-12-28-PH-A03	South containment	ST	SD	75L	7:44 PM	containment above office
2372-12-28-PH-A04	North Containment	ST	SD	75L	7:48	
2372-12-28-PH-A05	E. outside	ST	SD	75L	8:03	

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME
BC - BioCassette	CP - Contact Plate	T - Trap	<i>[Signature]</i>	12/28/09 8:15 AM
A1S - Anderson	ST - Spore Trap	SW - Swab		
SAS - Surface Air Sampler	Zefon, Allergenco, Burkard...	B - Bulk		
O - Other		SO - Soil		

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse SE Stairwell
EML ID: 655668

Approved by:

A handwritten signature in black ink, appearing to read "Malcolm Moody", is written over a white background.

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 05-06-2010

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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse SE Stairwell

Date of Sampling: 05-05-2010
 Date of Receipt: 05-05-2010
 Date of Report: 05-06-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-505- PHA01: Exterior West		2372-505- PHA02: Penthouse Ambient SE		2372-505- PHA03: Penthouse SE Stairs Lower		2372-505- PHA04: Penthouse SE Stairs Upper		2372-505- PHA05: Exterior West	
Comments (see below)	A		A		A		A		A	
Lab ID-Version‡:	2906626-1		2906627-1		2906628-1		2906629-1		2906630-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13					1	13	2	27
Arthrinium										
Ascospores*			1	53					1	53
Aureobasidium										
Basidiospores*	13	690	2	110			1	53	16	850
Bipolaris/Drechslera group										
Botrytis									1	13
Chaetomium	2	27							2	27
Cladosporium	8	430			1	53	1	53	5	270
Curvularia										
Epicoccum										
Fusarium										
Nigrospora									1	13
Other brown							1	13		
Penicillium/Aspergillus types†	2	110	3	160	2	110	2	110		
Pithomyces										
Rusts*	2	27	6	80			1	13	4	53
Smuts*, Periconia, Myxomycetes*	38	510	10	130	1	13	1	13	86	1,100
Stachybotrys										
Stemphylium										
Torula	3	40								
Ulocladium										
Background debris (1-4+)††	3+		4+		2+		3+		4+	
Hyphal fragments/m3	120		40		27		27		110	
Pollen/m3	53		210		< 13		< 13		67	
Skin cells (1-4+)	< 1+		3+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75		75	
§ TOTAL SPORES/m3		1,800		530		170		270		2,500

Comments: A) Analysis of replicate sample is delayed.

* 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: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse SE Stairwell

Date of Sampling: 05-05-2010
 Date of Receipt: 05-05-2010
 Date of Report: 05-06-2010

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-505-PHA01, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	320	58	7	27	230	56
Bipolaris/Drechslera group	-	7	13	130	16	7	13	130	13
Chaetomium	27	7	13	110	13	7	13	120	20
Cladosporium	430	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	-	7	13	190	8	7	13	170	8
Penicillium/Aspergillus types	110	25	160	1,600	74	33	210	2,400	85
Stachybotrys	-	7	13	220	4	7	13	270	5
Torula	40	7	13	170	13	7	13	150	12
Seldom found growing indoors**									
Ascospores	-	13	170	6,800	82	13	110	2,000	70
Basidiospores	690	13	270	8,800	92	13	210	8,200	93
Botrytis	-	7	27	200	14	7	14	200	17
Rusts	27	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	510	7	53	970	75	8	40	510	69
§ TOTAL SPORES/m3	1,800								

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse SE Stairwell

Date of Sampling: 05-05-2010
 Date of Receipt: 05-05-2010
 Date of Report: 05-06-2010

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-505-PHA05, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	27	7	27	320	58	7	27	230	56
Bipolaris/Drechslera group	-	7	13	130	16	7	13	130	13
Chaetomium	27	7	13	110	13	7	13	120	20
Cladosporium	270	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	13	7	13	190	8	7	13	170	8
Penicillium/Aspergillus types	-	25	160	1,600	74	33	210	2,400	85
Stachybotrys	-	7	13	220	4	7	13	270	5
Torula	-	7	13	170	13	7	13	150	12
Seldom found growing indoors**									
Ascospores	53	13	170	6,800	82	13	110	2,000	70
Basidiospores	850	13	270	8,800	92	13	210	8,200	93
Botrytis	13	7	27	200	14	7	14	200	17
Rusts	53	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	1,100	7	53	970	75	8	40	510	69
§ TOTAL SPORES/m3	2,500								

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

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

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

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

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Floor 21
EML ID: 767060

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a light blue horizontal line.

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 03-28-2011

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

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 21

Date of Sampling: 03-28-2011
 Date of Receipt: 03-28-2011
 Date of Report: 03-28-2011

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‡: 3393428-1: Tape sample 2372.328.F21.T12: SE punch out 1, gb ac				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3393427-1: Bulk sample 2372.328.F21.B13: SE punch out 1, fp				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3393429-1: Tape sample 2372.328.F21.T14: SE punch out 1, gb ac				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3393430-1: Tape sample 2372.328.F21.T15: Penthouse w door gb				
Heavy	Variety	1+ <i>Stachybotrys</i> species (spores, hyphae) 1+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae)	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".



CHAIN OF CUSTODY

www.EMLabPK.com

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 * (866) 871-1984
 Phoenix, AZ: 1501 West Knuclen Drive, Phoenix, AZ 85027 * (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER

None	Fog	Rain	Snow	Wind	Clear
Light					
Modrate					
Heavy					

REQUESTED SERVICES

Non-Culturable		Culturable	
Spore Trap		BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	
Fungi - Spore Trap Analysis - Other particles		MFC Bacteria (Please specify organism)	
Direct Microscopic Exam (Qualitative)		Membrane Filtration (Please specify organism)	
Quantitative Spore Count Direct Exam		Total Coliform, E.coli (Presence/Absence)	
1-Media Surface Fungi (Genus ID + Asp. spp.)		Legionella culture	
2-Media Surface Fungi (Genus ID + Asp. spp.)		Gram Stain and Counts (Culturable Air and Surface Bacteria)	
3-Media Surface Fungi (Genus ID + Asp. spp.)		Culturable Air Fungi (Genus ID + Asp. spp.)	
Quantitative Spore Count Direct Exam			

CONTACT INFORMATION

Company: **LeCorpex Davis, LLC**
 Address: **3685 Mt. Diablo Blvd., Ste 200**
 Special Instructions: **Laboy also, CA 94549**
 Contact: **A. Steingard, A. Steingard**
 Phone: **925.299.1140**
 email contact

STANDARD SCHEDULING TIME SLOTS (EST)

STD - Standard (DEFAULT)	Monday - Friday 9:00 AM - 5:00 PM
ND - Next Business Day	Monday - Friday 9:00 AM - 5:00 PM
SD - Same Business Day Rush	Monday - Friday 9:00 AM - 5:00 PM
WH - Weekend/Holiday	Monday - Friday 9:00 AM - 5:00 PM

PROJECT INFORMATION

Project ID: **DGS-BOE**
 Project Desc.: **Floor 21**
 Project: **Sampling**
 Date & Time: **3/28/11**
 Zip Code:
 PO Number: **2071.02-572**

STANDARD SCHEDULING TIME SLOTS (EST)

237A-37A F21-T12 SE Punch Out 1-G Bac T SD
 237B-37B F21-B13 SE Punch Out 1-FP B SD
 237C-37C F21-T14 SE Punch Out 1-G Bac T SD
 237D-37D F21-T15 Penthouse W. door GB T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237E-37E F21-T16 SE Punch Out 1-G Bac T SD
 237F-37F F21-T17 SE Punch Out 1-G Bac T SD
 237G-37G F21-T18 SE Punch Out 1-G Bac T SD
 237H-37H F21-T19 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237I-37I F21-T20 SE Punch Out 1-G Bac T SD
 237J-37J F21-T21 SE Punch Out 1-G Bac T SD
 237K-37K F21-T22 SE Punch Out 1-G Bac T SD
 237L-37L F21-T23 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237M-37M F21-T24 SE Punch Out 1-G Bac T SD
 237N-37N F21-T25 SE Punch Out 1-G Bac T SD
 237O-37O F21-T26 SE Punch Out 1-G Bac T SD
 237P-37P F21-T27 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237Q-37Q F21-T28 SE Punch Out 1-G Bac T SD
 237R-37R F21-T29 SE Punch Out 1-G Bac T SD
 237S-37S F21-T30 SE Punch Out 1-G Bac T SD
 237T-37T F21-T31 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237U-37U F21-T32 SE Punch Out 1-G Bac T SD
 237V-37V F21-T33 SE Punch Out 1-G Bac T SD
 237W-37W F21-T34 SE Punch Out 1-G Bac T SD
 237X-37X F21-T35 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237Y-37Y F21-T36 SE Punch Out 1-G Bac T SD
 237Z-37Z F21-T37 SE Punch Out 1-G Bac T SD
 237AA-37AA F21-T38 SE Punch Out 1-G Bac T SD
 237AB-37AB F21-T39 SE Punch Out 1-G Bac T SD

STANDARD SCHEDULING TIME SLOTS (EST)

237AC-37AC F21-T40 SE Punch Out 1-G Bac T SD
 237AD-37AD F21-T41 SE Punch Out 1-G Bac T SD
 237AE-37AE F21-T42 SE Punch Out 1-G Bac T SD
 237AF-37AF F21-T43 SE Punch Out 1-G Bac T SD

OTHER REQUESTS

PCR (Please specify test)
 Asbestos Analysis - PLM (EPA method 600/R-93-116)
 Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
 Quantitray - Beverage Screen

RECEIVED

Signature: **C. Schatz**
 Date: **3/28/11 1:30pm**

DATE TIME

3/28/11 1:30pm

DATE TIME

3/28/11 12:00

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Doc # 200176 Rev 24 Revised: 8/23/09 Page 1 of 1 QMS



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse
EML ID: 776874

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a white background.

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 04-26-2011

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

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse

Date of Sampling: 04-25-2011
 Date of Receipt: 04-25-2011
 Date of Report: 04-26-2011

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‡: 3438926-1: Bulk sample 2372-425-FPHB01: E Pipe Chase N Column at Base				
Miscellaneous debris	Variety	< 1+ <i>Cladosporium</i> species (spores, hyphae)	Very few <i>Chaetomium</i> spores detected. Analysis of replicate sample is delayed.	Minimal mold growth
Lab ID-Version: 3438927-1: Tape sample 2372-425-FPHT01: E Pipe Chase E Wall at Base				
Moderate	Very few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	Analysis of replicate sample is delayed.	Mold growth
Lab ID-Version: 3438928-1: Tape sample 2372-425-FPHT02: E Pipe Chase E Wall at 9'				
Heavy	Few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	Analysis of replicate sample is delayed.	Mold growth
Lab ID-Version: 3438929-1: Tape sample 2372-425-FPHT03: E Pipe Chase N Wall at 4'				
Very Heavy	Variety	< 1+ <i>Alternaria</i> species (spores, hyphae)	Analysis of replicate sample is delayed.	Minimal mold growth

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CHAIN OF CUSTODY
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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653



REQUESTED SERVICES
Culturable

BioCassette - Andersen, 5
Water, Bulk, Dust, Soil, Contact Plate

WEATHER		Fog	Rain	Snow	Wind	Clear
None	Light	X	X	X	X	X
Moderate	Heavy					

CONTACT INFORMATION
 CONTACT: Lois Davis, LLC
 Address: 3085 Mt Diablo Blvd Ste 210
 Special Instruction: San Jose, CA 94519
 Phone: 925-299-1140
 email contacts

PROJECT INFORMATION
 Project ID: DES - BOE
 Project Desc: Paint House
 Sampling Date & Time: 4/25/11 10:30
 PO Number: 2372-02-572

TURN AROUND TIME CODES (TAT)
 STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WH - Weekend/Holiday

Sample ID	Description	Sample Type (Follow)	TAT (Follow)	Total Volume (As applicable)	Notes (Time of Day, Temp, etc.)
2372-425-FPH-T01	E Pipe Chase E Wall at base	T STD			center of wall
2372-425-FPH-T02	E Pipe Chase E Wall at 9'	T STD			center of wall
2372-425-FPH-T03	E Pipe Chase N Wall at 4'	T STD			
2372-425-FPH-T04	E Pipe Chase N Ceiling at base	T STD			

BC - BioCassette A15 - Andersen SAS - Surface Air Sampler CP - Contact Plate	SAMPLE TYPE CODES				RESERVED BY	DATE/TIME
	ST - Spore Trap, Zefon, Allergenco, Burkard...	T - Trap	D - Dust	SO - Soil		
	P - Potable Water	B - Bulk			<u>Theromster</u>	<u>4/25/11 1:30pm</u>
	NP - Non-Potable Water	O - Other			<u>L. Schatz</u>	<u>4/25/11 1:30pm</u>

Spore Trap	Spore Trap Analysis - Other particles	
Non-Culturable	Direct Microscopic Exam (Qualitative)	
Quantitative Spore Count Direct Exam	Quantitative Spore Count Direct Exam	
1-Media Surface Fungi (Genus ID + Asp. spp.)	1-Media Surface Fungi (Genus ID + Asp. spp.)	
2-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)	
3-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)	
Culturable Air Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)	
Gram Stain and Counts (Culturable Air and Surface Facteria)	Gram Stain and Counts (Culturable Air and Surface Facteria)	
Legionella culture	Legionella culture	
Total Coliform, E.coli (Presence/Absence)	Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	Membrane Filtration (Please specify organism)	
MPN Facteria (Please specify organism)	MPN Facteria (Please specify organism)	
QuantTray - Sewage Screen	QuantTray - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 2400)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 2400)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	
PCR (Please specify test)	PCR (Please specify test)	

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse
EML ID: 777368

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a light blue horizontal line.

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 04-26-2011

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

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Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse

Date of Sampling: 04-26-2011
 Date of Receipt: 04-26-2011
 Date of Report: 04-26-2011

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‡: 3440896-1: Bulk sample 2372.426.FPH-B02: N. column fp at top				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3440897-1: Bulk sample 2372.426.FPH-B03: S. column fp at bottom				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	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".



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse
EML ID: 777751

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody'.

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 04-27-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse

Date of Sampling: 04-27-2011
 Date of Receipt: 04-27-2011
 Date of Report: 04-27-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.427.FPH.A01: Exterior Roof NE		2372.427.FPH.A02: Penthouse Ambient W		2372.427.FPH.A03: Penthouse West Containment	
Comments (see below)	A		None		None	
Lab ID-Version‡:	3442328-1		3442329-1		3442330-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*	12	640	1	53	3	40
Aureobasidium						
Basidiospores*	27	1,400				
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	5	270	1	53	1	13
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Oidium	1	13				
Other brown	2	27	1	13		
Penicillium/Aspergillus types†	12	240				
Pithomyces						
Rusts*						
Smuts*, Periconia, Myxomycetes*	29	390			1	13
Stachybotrys						
Stemphylium						
Torula						
Background debris (1-4+)††	2+		2+		1+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	53		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		3,000		120		67

Comments: A) 10 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse

Date of Sampling: 04-27-2011
 Date of Receipt: 04-27-2011
 Date of Report: 04-27-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372.427.FPH.A01, Exterior Roof NE**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: April				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	240	40	7	27	230	52
Bipolaris/Drechslera group	-	7	13	130	11	7	13	130	12
Chaetomium	-	7	13	130	10	7	13	120	19
Cladosporium	270	27	310	5,300	89	53	590	7,800	96
Curvularia	-	7	13	230	7	7	13	230	7
Nigrospora	-	7	13	93	7	7	13	200	9
Other brown	27	7	13	110	26	7	13	93	33
Penicillium/Aspergillus types	240	13	150	1,500	68	33	210	2,400	83
Stachybotrys	-	7	13	440	3	7	13	230	4
Torula	-	7	13	160	9	7	13	160	11
Seldom found growing indoors**									
Ascospores	640	13	110	3,600	75	13	110	2,100	69
Basidiospores	1,400	13	210	7,200	89	13	210	8,700	92
Oidium	13	7	13	270	18	7	13	200	18
Rusts	-	7	13	270	17	7	13	270	25
Smuts, Periconia, Myxomycetes	390	7	27	440	55	7	40	560	67
§ TOTAL SPORES/m3	3,000								

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

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

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

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

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

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

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CONTACT INFORMATION
 Company: LaCroix Davis, LLC
 Address: 3685 Mt. Diablo Blvd., Ste 200
 City/State/Zip: San Diego, CA 92121
 Phone: 925-299-1140
 Special Instructions: mail contacts

PROJECT INFORMATION
 Project ID: 2372-02-572
 Project Name: Penthouse
 Sampling Date & Time: 4/27/11
 PO Number: 2372-02-572

Sample ID	Description	Sample Type (Below)	TAT (Above)	Volume/Assay (As applicable)	Notes (Time, Day, Temp, etc.)
2372-427-FPH-A01	Exterior Roof NE	ST	SD	75	- 10:30
2372-427-FPH-A02	Penthouse Subduct W	ST	SD	75	-
2372-427-FPH-A03	Penthouse West Corridor	ST	SD	75	- 10:50

Sample Type Code	Reinforced By	Date & Time
ST - Spore Trap; Zefon, Allergenco, Burkard...	<u>Thermon</u>	<u>4/27/11 10:</u>
T - Tape		
SW - Swab		
SO - Soil		
P - Potable Water		
B - Bulk		
NP - Non-Potable Water		
O - Other		

Method	Received By	Date & Time
Fungi - Spore Trap Analysis	<u>Musali patty</u>	<u>4/27/11 1:00pm</u>
Spore Trap Analysis - Other particles		
Direct Microscopic Exam (Qualitative)		
Quantitative Spore Count Direct Exam		
1-Media Surface Fungi (Genus ID + Sp. spp.)		
2-Media Surface Fungi (Genus ID + Sp. spp.)		
3-Media Surface Fungi (Genus ID + Sp. spp.)		
Culturable Air Fungi (Genus ID + Sp. spp.)		
Gram Stain and Count (Calibrate Air and Surface Bacter)		
Legionella culture		
Total Coliform, f.m/f (Presence/Absence)		
Membrane Filtration (Please specify organism)		
MPN Bacteria (Please specify organism)		
QuantRay - Sewage Screen		
Aerobes Analysis - PCM Airborne Fiber Count (NIOSH 7400)		
Asbestos Analysis - PLM (EPA method 600/R-93-116)		
PCR (Please specify test)		

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley McKinley, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse and Floor 21
EML ID: 779547

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody'.

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 05-03-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse and Floor 21

Date of Sampling: 05-03-2011
 Date of Receipt: 05-03-2011
 Date of Report: 05-03-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.503.FPHA01: Exterior roof East		2372.503.FPHA02: Penthouse SE		2372.503.FPHA03: Penthouse East cavity	
Comments (see below)	A		B		B	
Lab ID-Version‡:	3450400-1		3450401-1		3450402-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13				
Ascospores*	2	110			1	53
Aureobasidium						
Basidiospores*	17	910	1	53	5	270
Bipolaris/Drechslera group						
Botrytis					1	13
Chaetomium						
Cladosporium	5	270			2	110
Curvularia						
Epicoccum						
Fusarium						
Nigrospora			1	13		
Oidium	1	13				
Other brown						
Penicillium/Aspergillus types†	24	760	2	110	7	370
Pithomyces						
Rusts*						
Smuts*, Periconia, Myxomycetes*	16	210			9	120
Stachybotrys						
Torula	9	120			1	13
Ulocladium						
Background debris (1-4+)††	3+		3+		2+	
Hyphal fragments/m3	27		< 13		13	
Pollen/m3	53		27		< 13	
Skin cells (1-4+)	< 1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		2,400		170		950

Comments: A) 13 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. Analysis of replicate sample is delayed. Secondary data review is delayed. B) Analysis of replicate sample is delayed. Secondary data review is delayed.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse and Floor 21

Date of Sampling: 05-03-2011
 Date of Receipt: 05-03-2011
 Date of Report: 05-03-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.503.F21A04: Floor 21 S. hall		2372.503.F21A05: Floor 21 S. aux		2372.503.F21A06: Exterior West	
Comments (see below)	B		B		B	
Lab ID-Version‡:	3450403-1		3450404-1		3450405-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					2	110
Aureobasidium						
Basidiospores*					6	320
Bipolaris/Drechslera group						
Botrytis					4	53
Chaetomium					1	13
Cladosporium	1	53			1	53
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Oidium					9	120
Other brown					1	13
Penicillium/Aspergillus types†			3	160	5	270
Pithomyces						
Rusts*					14	190
Smuts*, Periconia, Myxomycetes*					32	430
Stachybotrys						
Stemphylium						
Torula					3	40
Ulocladium					1	13
Background debris (1-4+)††	2+		1+		3+	
Hyphal fragments/m3	< 13		< 13		67	
Pollen/m3	< 13		< 13		200	
Skin cells (1-4+)	1+		< 1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		53		160		1,600

Comments: B) Analysis of replicate sample is delayed. Secondary data review is delayed.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse and Floor 21

Date of Sampling: 05-03-2011
 Date of Receipt: 05-03-2011
 Date of Report: 05-03-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372.503.FPHA01, Exterior roof East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	330	54	7	27	230	52
Bipolaris/Drechslera group	-	7	13	170	15	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	270	31	480	7,800	94	53	590	7,800	96
Curvularia	-	7	13	330	9	7	13	230	7
Nigrospora	-	7	13	160	8	7	13	200	9
Other brown	-	7	13	93	29	7	13	93	33
Penicillium/Aspergillus types	760	17	160	1,600	70	33	210	2,400	83
Stachybotrys	-	7	13	280	3	7	13	230	4
Torula	120	7	13	190	12	7	13	160	11
Ulocladium	-	7	13	80	5	7	13	80	10
Seldom found growing indoors**									
Ascospores	110	13	210	8,000	82	13	110	2,100	69
Basidiospores	910	13	290	11,000	92	13	210	8,700	92
Botrytis	-	7	13	190	10	7	13	200	15
Oidium	13	7	20	270	22	7	13	200	18
Rusts	-	7	13	240	22	7	13	270	25
Smuts, Periconia, Myxomycetes	210	7	47	840	72	7	40	560	67
§ TOTAL SPORES/m3	2,400								

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse and Floor 21

Date of Sampling: 05-03-2011
 Date of Receipt: 05-03-2011
 Date of Report: 05-03-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372.503.F21A06, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	330	54	7	27	230	52
Bipolaris/Drechslera group	-	7	13	170	15	7	13	130	12
Chaetomium	13	7	13	120	13	7	13	120	19
Cladosporium	53	31	480	7,800	94	53	590	7,800	96
Curvularia	-	7	13	330	9	7	13	230	7
Nigrospora	-	7	13	160	8	7	13	200	9
Other brown	13	7	13	93	29	7	13	93	33
Penicillium/Aspergillus types	270	17	160	1,600	70	33	210	2,400	83
Stachybotrys	-	7	13	280	3	7	13	230	4
Torula	40	7	13	190	12	7	13	160	11
Ulocladium	13	7	13	80	5	7	13	80	10
Seldom found growing indoors**									
Ascospores	110	13	210	8,000	82	13	110	2,100	69
Basidiospores	320	13	290	11,000	92	13	210	8,700	92
Botrytis	53	7	13	190	10	7	13	200	15
Oidium	120	7	20	270	22	7	13	200	18
Rusts	190	7	13	240	22	7	13	270	25
Smuts, Periconia, Myxomycetes	430	7	47	840	72	7	40	560	67
§ TOTAL SPORES/m3	1,600								

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

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

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

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

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

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

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CONTACT INFORMATION

Company: **LA Croix Davis, LLC**
 Address: **3685 Mt. Diablo Blvd, Ste 210**
 Special Instructions: **Cafayette, Ct 06549**
 Contact: **J. A. Stembach**
 Phone: **925.299.1140**

PROJECT INFORMATION

Project ID: **PGS-BOE**
 Project Description: **Penthouse and Floor 2-1**
 Sampling Date & Time: **5/3/11**
 PO Number: **2372.02-572-**

Sample ID	Description	Sample Type (Abbrev.)	TAT (Hours)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	TURN AROUND TIMES (TAT)	
						STD - Standard (DEFAULT)	ND - Next Business Day
2372-503-EPH A01	EXTERIOR ROOF	ST SD	75	75	OUTDOORS		
2372-503-EPH A02	Penthouse 5E	ST SD	75	75	AMBULANT PH		
2372-503-EPH A03	Penthouse East Corridor	ST SD	75	75	CONFINEMENT		
2372-503-F21A04	Floor 21 E. Hall	ST SD	75	75	AMBULANT 21		
2372-503-F21A05	Floor 21 S. AUV	ST SD	75	75	CONFINEMENT		
2372-503-F21A06	EXTERIOR WEST	ST SD	75	75	OUTDOORS		
2372-503-F21A07	S. AUV GB P Side B	B SD	-	-	small stain at base		

SAMPLE TYPES/ODS

ST - Spore Trap; Zeflon, Allergenco, Burkard...
 T - Tape
 SW - Swab
 P - Potable Water
 NP - Non-Potable Water

REQUISITIONED BY: *Meonaka* **DATE & TIME:** 5/3/11

RECEIVED BY: *C. Schatz* **DATE & TIME:** 5/3/11 11am

Non-Culturable	Culturable	Other Requests
Spore Trap Analysis - Other particles	Legionella culture	PCR (please specify test)
Direct Microscopic Exam (Qualitative)	Cream Stain and Counts (Culturable Air and Surface Bacteria)	Asbestos Analysis - PLM (EPA method 600/R-93-116)
Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Sp. spp.)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Fungi - Spore Trap Analysis	2-Media Surface Fungi (Genus ID + Sp. spp.)	Quantum Tray - Sewage Screen
	3-Media Surface Fungi (Genus ID + Sp. spp.)	MPN Bacteria (Please specify organism)
	Culturable Air Fungi (Genus ID + Sp. spp.)	Membrane Filtration (Please specify organism)
	Quantitative Spore Count Direct Exam	Total Coliform, E. coli (Presence/Absence)
	Spore Trap Analysis - Other particles	

WEATHER

None	Fog	Rain	Snow	Wind	Clear
Light					
Moderate					
Heavy					

REQUESTED SERVICES

Non-Culturable	Culturable
Tape Swab Bulk	BioCassette™ Andersen, SAS, Swab, Weber, Bulk, Dust, Soil, Contact Plate

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; PH Piping
EML ID: 807710

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a light blue horizontal line.

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Direct microscopic exam (Qualitative): 07-29-2011

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

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; PH Piping

Date of Sampling: 07-20-2011
 Date of Receipt: 07-20-2011
 Date of Report: 07-21-2011

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‡: 3579029-2: Tape sample 2372-720-PDH-T01: Dom Hot At L, 19.5				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579030-2: Tape sample 2372-720-PHS-T02: Heat Supply, L.3,19.5				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579031-2: Tape sample 2372-720-PHS-T03: Heat Supply, L.4,19.5				
Heavy	Very few	None	A few <i>Penicillium/Aspergillus</i> group spores detected.	Mold growth in vicinity?
Lab ID-Version: 3579032-2: Tape sample 2372-720-PHS-T04: Heat Supply, M,19.3				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579033-2: Tape sample 2372-720-PHS-T05: Heat Supply, M.2,19.3				
Moderate	Very few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3579034-2: Tape sample 2372-720-PHS-T06: Heat Supply, M,19.5				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579035-2: Tape sample 2372-720-PHS-T07: Heat Supply, M.2,19.4				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579036-2: Tape sample 2372-720-PHS-T08: Heat Supply, M.3,19.2				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3579037-2: Tape sample 2372-720-PHS-T09: Heat Supply, M.3,19.5				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3579038-2: Tape sample 2372-720-PHR-T10: Heat Return, M.5,19.4				
Heavy	Very few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3579039-2: Tape sample 2372-720-PCW-T11: Cold H2O, M.2.19.3				
Heavy	Very few	None	None	Normal trapping

* Indicative of normal conditions, i.e. seen on surfaces everywhere. 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. Distribution of spore types seen mirrors that usually seen outdoors.

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded 1+ to 4+, with 4+ denoting the highest numbers.

†† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for 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".



000807710

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WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

COMPANY INFORMATION

Company: LaCrix Davis, LLC
 Address: 286 Mt. Diablo Blvd., Ste 210 Lafayette, CA 94549
 Special Instructions: email contacts

Project ID: DKS-BOE
 Project Desc: Pk Piping
 Project Date & Time: 7/20/11
 Zip Code: 94549

PO Number: 2372-02-572

Sample ID	Description	Sample Type (History)	Volume/Area (ft ²)	Notes
2372-720-PDH-T01	Dom Hot st L19.5	T SD		Hot water Pump Rm
2372-720-PHS-T02	Heat supply L3,19.5	T SD		" "
2372-720-PHS-T03	Heat supply L4,19.5	T SD		" "
2372-720-PHS-T04	Heat supply, M3,19.5	T SD		ABOVE-LEVELER SINK
2372-720-PHS-T05	Heat supply, M2,19.5	T SD		Boiler Room
2372-720-PHS-T06	Heat supply M3,19.5	T SD		
2372-720-PHS-T07	Heat supply M2,19.5	T SD		
2372-720-PHS-T08	Heat supply M3,19.5	T SD		
2372-720-PHS-T09	Heat supply M2,19.5	T SD		
2372-720-PHR-T10	Heat Return M5,19.5	T SD		
2372-720-PCW-T11	Cold H ₂ O, M2,19.5	T SD		

Requested Services	Non-Culturable	Culturable	Other Requests
Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles	1-Media Surface Fungi (Genus ID + Asp. spp.)	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Direct Microscopic Exam (Qualitative)	Direct Microscopic Exam (Qualitative)	2-Media Surface Fungi (Genus ID + Asp. spp.)	Abbestos Analysis - PLM (EPA method 600/R-83-118)
Quantitative Spore Count Direct Exam	Quantitative Spore Count Direct Exam	3-Media Surface Fungi (Genus ID + Asp. spp.)	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
		Culturable Air Fungi (Genus ID + Asp. spp.)	Abbestos Analysis - PLM (EPA method 600/R-83-118)
		Gram Stain and Counts (Culturable Air and Surface Bacteria)	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
		Legionella culture	Abbestos Analysis - PLM (EPA method 600/R-83-118)
		Total Coliform, E. coli (Presence/Absence)	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
		Membrane Filtration (Please specify organism)	Abbestos Analysis - PLM (EPA method 600/R-83-118)
		MPN Bacteria (Please specify organism)	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
		CitriTray - Sewage Screen	Abbestos Analysis - PLM (EPA method 600/R-83-118)
		BioCassette™, Andersen, SAS, Swab	Abbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
		Water, Bulk, Dust, Soil, Contact Plate	Abbestos Analysis - PLM (EPA method 600/R-83-118)

RECEIVED BY Theomides **DATE & TIME** 7/20/11 11:55 AM

DATE & TIME 7/20/11 11:55 AM

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Penthouse Piping
EML ID: 808826

Approved by:



Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 07-25-2011

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

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Penthouse Piping

Date of Sampling: 07-22-2011
 Date of Receipt: 07-22-2011
 Date of Report: 07-25-2011

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‡: 3584072-1: Tape sample 2372-722-PHS-T12: Pump 2 Hot H2O Pump Rm				
Very Heavy	Few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Analysis of replicate sample is delayed.	Mold growth
Lab ID-Version: 3584073-1: Tape sample 2372-722-PHS-T13: Pump 3 Hot H2O Pump Rm				
Moderate	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3584074-1: Tape sample 2372-722-PHS-T14: Pump 4 Hot H2O Pump Rm				
Heavy	Few	3+ <i>Curvularia</i> species (spores, hyphae, conidiophores)	Analysis of replicate sample is delayed.	Mold growth

* Indicative of normal conditions, i.e. seen on surfaces everywhere. 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. Distribution of spore types seen mirrors that usually seen outdoors.

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded 1+ to 4+, with 4+ denoting the highest numbers.

†† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for 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".

000808826

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WEATHER			
None	Fog	Rain	Snow
Light			
Moderate			
Heavy			
			Clear

REQUESTED SERVICES (V-Biom)	
Non-Culturable	Culturable
Spore Trap	BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate
Spore Trap	MPN Bacteria (Please specify organism)
Spore Trap	Membrane Filtration (Please specify organism)
Spore Trap	Total Coliform, E.coli (Presence/Absence)
Spore Trap	Logonella culture
Spore Trap	Gram Stain and Counts (Culturable Air and Surface Bacteria)
Spore Trap	Culturable Air Fungi (Genus ID + Asp. spp.)
Spore Trap	3-Media Surface Fungi (Genus ID + Asp. spp.)
Spore Trap	2-Media Surface Fungi (Genus ID + Asp. spp.)
Spore Trap	1-Media Surface Fungi (Genus ID + Asp. spp.)
Spore Trap	Quantitative Spore Count Direct Exam
Spore Trap	Direct Microscopic Exam (Qualitative)
Spore Trap	Spore Trap Analysis - Other particles
Spore Trap	Fungi - Spore Trap Analysis

CONTACT INFORMATION
 Company: LAVOIX DAUIS, LLC
 Address: 3685 MT. Diablo Blvd. Ste 210 Lafayette, CA 94549
 Special Instructions: email contacts

PROJECT INFORMATION
 Project ID: DG5-BOE
 Project Desc.: Penthouse piping
 Project: Sampling
 Date & Time: 7/22/11
 Zip Code: 94066
 PO Number: 2372-02-572

TURN AROUND TIME CODES (TAT)
 STD - Standard (DEFAULT)
 ND - Next Business Day
 SD - Same Business Day Rush
 WH - Weekend/Holiday

Sample ID	Description	Sample Type (Belup)	TAT (Abbrev)	Volume/Amount (Lbs, Gas, etc)	Notes (Time of Day, Temp, RH, etc)
2372-722-105-T12	Pump 2 Hot H2O Pump Rm	STD			
2372-722-145-T12	Pump 3 Hot H2O Pump Rm	STD			
2372-722-145-T14	Pump 4 Hot H2O Pump Rm	STD			

RECEIVED BY		DATE & TIME	
[Signature]		7/22/11 1530	

SAMPLE TYPE CODES		RECEIVED BY		DATE & TIME	
BC - BioCassette™	ST - Spore Trap; Zefon, Allergenco, Burkard...	[Signature]		7/22/11 1530	
A15 - Andersen	SW - Swab				
SAS - Surface Air Sampler	B - Bulk				
CP - Contact Plate	NP - Non-Potable Water				
	O - Other				

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EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; PH Floor Boiler Rm Exp Tank
EML ID: 810919

Approved by:

A handwritten signature in black ink, appearing to read "Malcolm Moody".

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 07-28-2011

Service SOPs: Spore trap analysis (1038)

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

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; PH Floor Boiler Rm Exp Tank

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2373-727-PHA05: Exterior NE - PH		2373-727-PHA06: PH Shop Ambient		2373-727-PHA07: PH Boiler Rm Exp Tank (Contain)		2373-727-PHA08: Exterior SW - Street	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3593665-1		3593666-1		3593667-1		3593668-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	3	40			1	13	8	110
Arthrinium								
Ascospores*	1	53					6	320
Aureobasidium								
Basidiospores*	3	160					8	430
Bipolaris/Drechslera group								
Chaetomium	1	13			1	13		
Cladosporium	35	1,900	2	110	4	210	37	2,000
Curvularia								
Epicoccum							1	13
Fusarium								
Nigrospora								
Oidium	1	13						
Penicillium/Aspergillus types†	8	430					2	110
Pithomyces								
Rusts*			2	27				
Smuts*, Periconia, Myxomycetes*			4	53	3	40	13	170
Stachybotrys								
Stemphylium								
Torula	5	67						
Ulocladium	1	13						
Background debris (1-4+)††	2+		3+		2+		3+	
Hyphal fragments/m3	120		27		53		690	
Pollen/m3	80		< 13		27		< 13	
Skin cells (1-4+)	1+		2+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		2,700		190		280		3,100

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; PH Floor Boiler Rm Exp Tank

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2373-727-PHA05, Exterior NE - PH**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	40	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	13	7	13	120	13	7	13	120	19
Cladosporium	1,900	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Epicoccum	-	7	20	330	33	7	13	170	18
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	430	27	210	2,800	77	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	67	7	13	170	14	7	13	160	11
Ulocladium	13	7	13	75	6	7	13	80	11
Seldom found growing indoors**									
Ascospores	53	13	280	6,900	85	13	110	2,100	69
Basidiospores	160	13	550	27,000	94	13	210	8,800	92
Oidium	13	7	13	250	18	7	13	200	18
Rusts	-	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	-	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	2,700								

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

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

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

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

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

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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; PH Floor Boiler Rm Exp Tank

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2373-727-PHA08, Exterior SW - Street**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	110	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	2,000	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Epicoccum	13	7	20	330	33	7	13	170	18
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	110	27	210	2,800	77	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	-	7	13	170	14	7	13	160	11
Ulocladium	-	7	13	75	6	7	13	80	11
Seldom found growing indoors**									
Ascospores	320	13	280	6,900	85	13	110	2,100	69
Basidiospores	430	13	550	27,000	94	13	210	8,800	92
Oidium	-	7	13	250	18	7	13	200	18
Rusts	-	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	170	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	3,100								

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

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

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

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

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

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CHAIN OF CUSTODY EMLab P&K

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 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 637-4802
 San Bruno, CA: 1150 Bayhill Drive, # 100, San Bruno, CA 94066 * (866) 888-6653

Company: **LA-CRON DAVIS, LLC** Address: **1625 CRENSHAW DR, FOLSOM, CA**
 Contact: **J. LA-CRON, M. FRAGAS, T. LOE, S. DAVIS** Special Instructions:
EMAIL CONTACTS + JKonio to 3@yahoo.com

Project ID: **DGS - BOE**
 Project Desc.: **PH Floor Boiler Rm Exp Tank**
 Project: **Sampling**
 Date & Time: **7/28/11**
 Zip Code: **925 - 299-1140**

PO Number: **2322 02 - 592**

Sample ID	Location	Sampling Type (P-100)	Time (Hr)	Notes
2322-229-PH405	Exterior NE - PH	ST	WH 7:55	229 P
2322-227-PH406	PH Shop Ambient	ST	WH 7:55	229 P
2322-227-PH407	PH Boiler Rm Exp Tank (Contamin)	ST	WH 7:55	9:5 P
2322-227-PH408	CELESTION SW - Street	ST	WH 7:55	246 P

Sample Type Codes	REFINISH/REP. BY	DATE & TIME
ST - Spore Trap; Zefon, Allegence, Burkard... P - Potable Water NP - Non-Potable Water	D - Dust SW - Swab SO - Soil B - Bulk	T - Tape SW - Swab B - Bulk D - Other

REQUESTED SERVICES

Non-Culturable	Culturable	Other Requests
Spore Trap Analysis - Other particles Direct Microscopic Exam (Qualitative) Quantitative Spore Count Direct Exam	BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate 1-Media Surface Fungi (Genus ID + Asp. spp.) 2-Media Surface Fungi (Genus ID + Asp. spp.) 3-Media Surface Fungi (Genus ID + Asp. spp.) Culturable Air Fungi (Genus ID + Asp. spp.) Grain Stain and Counts (Culturable Air and Surface Bacteria) Legionella culture Total Coliform, E.coli (Presence/Absence) Membrane Filtration (Please specify organism) MPN Bacteria (Please specify organism)	PCR (Please specify test) Asbestos Analysis - PAM (EPA method 600/R-93-116) Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400) QuantTray - Sewage Screen

WEATHER	Fog	Rain	Snow	Wind	Clear
None					<input checked="" type="checkbox"/>
Light					
Moderate					
Heavy					



EMLab P&K

Report for:

**Mr. Chris Corpuz, Mr. Stephen Davis, Mr. Mark Fragoso, Mr. Ted Ice, Mr. James LaCroix
LaCroix Davis, LLC**
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; PH Floor - Hot Water Pump
EML ID: 810526

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a white background.

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 07-28-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Stephen Davis, Mr.
 Mark
 Fragoso, Mr. Ted Ice, Mr. James LaCroix
 Re: DGS-BOE; PH Floor - Hot Water Pump

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-727-PHA01: Exterior NE - PH		2372-727-PHA02: PH Shop Ambient		2372-727-PHA03: PH Hot Water Pump Rm (Containment)		2372-727-PHA04: Exterior SW - Street	
Comments (see below)	A		A		A		A	
Lab ID-Version‡:	3591680-1		3591681-1		3591682-1		3591683-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27					1	13
Arthrinium								
Ascospores*							4	210
Aureobasidium								
Basidiospores*	6	320					20	1,100
Bipolaris/Drechslera group								
Chaetomium								
Cladosporium	8	430					12	640
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium	2	27						
Penicillium/Aspergillus types†					2	110	3	160
Pithomyces	1	13						
Rusts*							8	110
Smuts*, Periconia, Myxomycetes*	3	40			1	13	11	150
Stachybotrys								
Stemphylium								
Torula							2	27
Background debris (1-4+)††	2+		2+		2+		3+	
Hyphal fragments/m3	40		< 13		< 13		40	
Pollen/m3	40		< 13		< 13		53	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		850		< 13		120		2,400

Comments: A) Analysis of replicate sample is delayed. Secondary data review is delayed.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Stephen Davis, Mr.
 Mark
 Fragoso, Mr. Ted Ice, Mr. James LaCroix
 Re: DGS-BOE; PH Floor - Hot Water Pump

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-727-PHA01, Exterior NE - PH**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	27	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	430	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	-	27	210	2,800	77	33	210	2,400	83
Pithomyces	13	7	20	760	21	7	13	130	4
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	-	7	13	170	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	-	13	280	6,900	85	13	110	2,100	69
Basidiospores	320	13	550	27,000	94	13	210	8,800	92
Oidium	27	7	13	250	18	7	13	200	18
Rusts	-	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	40	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	850								

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

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

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

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

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

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Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Stephen Davis, Mr.
 Mark
 Fragoso, Mr. Ted Ice, Mr. James LaCroix
 Re: DGS-BOE; PH Floor - Hot Water Pump

Date of Sampling: 07-28-2011
 Date of Receipt: 07-28-2011
 Date of Report: 07-28-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-727-PHA04, Exterior SW - Street**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	640	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	160	27	210	2,800	77	33	210	2,400	83
Pithomyces	-	7	20	760	21	7	13	130	4
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	27	7	13	170	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	210	13	280	6,900	85	13	110	2,100	69
Basidiospores	1,100	13	550	27,000	94	13	210	8,800	92
Oidium	-	7	13	250	18	7	13	200	18
Rusts	110	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	150	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	2,400								

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

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 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-8653

Company: **Lo Crux Davis, LLC**
 Contact: **J. LaCrux, M. Ferguson, T. Los**
 Phone: **408-299-1140**

Address: **1025 Cricketside Drive, Folsom, CA**
 Special Instructions:
Email Contacts

Project ID: **DGS - BOE**
 Project Desc: **PH Floor - Hot Water Pump**
 Project: **PH Floor - Hot Water Pump**
 Sampling Date & Time: **7/28/11**
 Zip Code:
 PO Number: **2372-02-577**

TURN AROUND TIME	DELIVER (DATE)
ST - Standard (DEFAULT)	1-2 weeks received after 2pm on business days. Weekends will be considered received the next business day.
ND - Next Business Day	1-2 weeks received after 2pm on business days. Weekends will be considered received the next business day.
SD - Same Business Day Rush	1-2 weeks received after 2pm on business days. Weekends will be considered received the next business day.
WH - Weekend/Holiday	1-2 weeks received after 2pm on business days. Weekends will be considered received the next business day.

Sample ID	Description	Sample Type (Above if applicable)	Volume/Area (As applicable)	Notes
2372-101-PHA01	Extension NE - PH	ST	75	0715
2372-101-PHA02	PH Shop Ambient	ST	75	0049
2372-101-PHA03	PH Hot Water Pump Room (Contaminant)	ST	75	0655
2372-101-PHA04	Extension SW - Street	ST	75	0720

Sample ID	Sample Type	Code	Notes
BC - Bio-Cassette	ST - Spore Trap	Zefon, Allergenco, Burkard...	
AS5 - Andersen	P - Potable Water		
SAS - Surface Air Sampler	NP - Non-Potable Water		
CP - Contact Plate	O - Other		

WEATHER	Fog	Rain	Show	Wind	Clear
None					<input checked="" type="checkbox"/>
Light					
Moderate					
Heavy					

000810526

Non-Culturable	Culturable	Other Requests
Spore Trap	1-Media Surface Fungi (Genus ID + Asp. spp.)	PCR (please specify test)
Spore Trap Analysis - Other particles	2-Media Surface Fungi (Genus ID + Asp. spp.)	Ashes Analysis - PLM (EPA method 600/R-93-116)
Direct Microscopic Exam (Qualitative)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Ashes Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Quantitative Spore Count Direct Exam	Culturable Air Fungi (Genus ID + Asp. spp.)	Quantitative - Sewage Screen
	Gram Stain and Counts (Calculable Air and Surface Bacteria)	MFL Bacteria (Please specify organism)
	Legionella culture	Membrane Filtration (Please specify organism)
	Total Coliform, E.coli (Presence/Absence)	MFL Bacteria (Please specify organism)
		Water, Bulk, Dust, Soil, Contact Plate
		Water, Bulk, Dust, Soil, Contact Plate
		Water, Bulk, Dust, Soil, Contact Plate

RECEIVED BY	DATE/TIME
Talia	7/28/11 7:30
Pray	7/28/11 7:50
Pray	7/28/11 8:00 AM

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at <http://www.emlab.com/main/serVICeterms.html>



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler
EML ID: 811516

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', is written over a light blue horizontal line.

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Direct microscopic exam (Qualitative): 08-05-2011

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

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the items tested.

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice
 Re: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler

Date of Sampling: 07-30-2011
 Date of Receipt: 07-30-2011
 Date of Report: 07-30-2011

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‡: 3596081-2: Tape sample 0372-0729011-T01: Boiler				
Heavy	Few	None	None	Normal trapping

* Indicative of normal conditions, i.e. seen on surfaces everywhere. 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. Distribution of spore types seen mirrors that usually seen outdoors.

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded 1+ to 4+, with 4+ denoting the highest numbers.

†† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for 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".



EMLab P&K

Report for:

Mr. Chris Corpuz, Mr. Ted Ice
LaCroix Davis, LLC
3685 Mt. Diablo Blvd.
Suite 210
Lafayette, CA 94549

Regarding: Project: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler
EML ID: 811516

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

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

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice
 Re: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler

Date of Sampling: 07-30-2011
 Date of Receipt: 07-30-2011
 Date of Report: 07-30-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-072011-A01: Exterior NE M Floor		2372-072011-A02: Ambient M Floor		2372-072011-A03: Chiller 3; Exhaust Fan1	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3596082-2		3596083-2		3596084-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13		
Arthrinium						
Ascospores*						
Aureobasidium						
Basidiospores*					1	53
Bipolaris/Drechslera group						
Botrytis						
Chaetomium			3	40		
Cladosporium	2	110	7	370	1	53
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Other brown						
Penicillium/Aspergillus types†						
Pithomyces						
Rusts*						
Smuts*, Periconia, Myxomycetes*	1	13	2	27		
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	1+		2+		2+	
Hyphal fragments/m3	40		120		40	
Pollen/m3	< 13		40		< 13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		120		450		110

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice
 Re: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler

Date of Sampling: 07-30-2011
 Date of Receipt: 07-30-2011
 Date of Report: 07-30-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-072011-A04: Ambient Penthouse		2372-072011-A05: Boiler Room - M. Contain.		2372-072011-A06: Exterior SW Roof	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3596085-2		3596086-2		3596087-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13	1	13	4	53
Arthrinium						
Ascospores*	1	53			1	53
Aureobasidium						
Basidiospores*	1	53	1	53	2	110
Bipolaris/Drechslera group						
Botrytis						
Chaetomium					1	13
Cladosporium			1	53	5	270
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Other brown	1	13	1	13		
Penicillium/Aspergillus types†	1	53	1	53	1	53
Pithomyces						
Rusts*					4	53
Smuts*, Periconia, Myxomycetes*	3	40	1	13	4	53
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	3+		3+		3+	
Hyphal fragments/m3	< 13		40		53	
Pollen/m3	110		27		13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		230		200		650

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi.

† Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.

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

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

For more information regarding analytical sensitivity, please contact QA by calling the laboratory.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice
 Re: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler

Date of Sampling: 07-30-2011
 Date of Receipt: 07-30-2011
 Date of Report: 07-30-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-072011-A01, Exterior NE M Floor**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	13	7	13	120	19
Cladosporium	110	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	-	27	210	2,800	77	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	-	7	13	170	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	-	13	280	6,900	85	13	110	2,100	69
Basidiospores	-	13	550	27,000	94	13	210	8,800	92
Rusts	-	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	13	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	120								

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice
 Re: DGS-BOE; Chiller 3 Exh. Fan 1 / N. Boiler

Date of Sampling: 07-30-2011
 Date of Receipt: 07-30-2011
 Date of Report: 07-30-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-072011-A06, Exterior SW Roof**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	53	7	40	530	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	13	7	13	120	13	7	13	120	19
Cladosporium	270	47	770	10,000	97	53	590	7,800	96
Curvularia	-	7	27	790	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	53	27	210	2,800	77	33	210	2,400	83
Stachybotrys	-	7	13	320	3	7	13	210	4
Torula	-	7	13	170	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	53	13	280	6,900	85	13	110	2,100	69
Basidiospores	110	13	550	27,000	94	13	210	8,800	92
Rusts	53	7	13	270	23	7	13	270	24
Smuts, Periconia, Myxomycetes	53	7	53	2,000	77	7	40	570	66
§ TOTAL SPORES/m3	650								

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

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

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