



**EMLab P&K**

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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

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Regarding: Project: 2372.02-572; Floor 14 WDA supplemental  
EML ID: 579417

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): 09-11-2009

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 WDA supplemental

Date of Sampling: 09-09-2009  
 Date of Receipt: 09-10-2009  
 Date of Report: 09-11-2009

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2569636-1: Tape sample 2372-908-F1401: CGB stain Mens above ceiling				
Heavy	Very few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2569628-1: Bulk sample 2372-908-F1402: TU 14-4 FP				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569629-1: Bulk sample 2372-909-F1403: FP Stain				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569637-1: Tape sample 2372-909-F1404: WGB stain				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2569630-1: Bulk sample 2372-909-F1405: FP Beam at deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569638-1: Tape sample 2372-909-F1406: WGB stain				
Moderate	Few	None	Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2569631-1: Bulk sample 2372-909-F1407: FP Beam				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569639-1: Tape sample 2372-909-F1408: WGB at base				
Heavy	Very few	3+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2569632-1: Bulk sample 2372-909-F1409: FP at deck edge				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569640-1: Tape sample 2372-909-F1410: WGB at Column base				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2569633-1: Bulk sample 2372-909-F1411: FP at deck edge				
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‡: 2569634-1: Bulk sample 2372-909-F1412: FP at deck edge				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569641-1: Tape sample 2372-909-F1413: WGB at base				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2569635-1: Bulk sample 2372-909-F1414: FP at deck edge				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2569642-1: Tape sample 2372-909-F1415: WGB at base				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2569643-1: Tape sample 2372-909-F1416: WGB at base				
Heavy	Very few	3+ <i>Penicillium</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2569644-1: Tape sample 2372-909-F1417: Stains on paint WGB				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 2569645-1: Tape sample 2372-909-F1418: Stains on paint WGB				
Moderate	Very few	None	Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?

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

# CHAIN OF CUSTODY EMLab P&K

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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 • (856) 871-1984  
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 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653

**CONTACT INFORMATION**

Company: Lacroix Davis, LLC  
 Address: 3885 Mt. Diablo # 210 Lafayette, CA 94549  
 Contact: Chris Corpuz, Tedice, Amy Leach, Steven Wick  
 Phone: 925.299.1140 email

**PROJECT INFORMATION**

Project ID: 2372.02-572  
 Project Desc: Floor 14 WDA supplea  
 Project: Floor 14 WDA supplea  
 Zip Code: \_\_\_\_\_  
 PO Number: \_\_\_\_\_

**TURN-AROUND TIME CODES (TAT)**

STD - Standard (DEFAULT)  
 Business Day  
 SD - Same Business Day (rush)  
 WH - Weekend/Holiday

Notes: Rushes received after 3pm 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 (Abbrev)	TAT (Abbrev)	Total Volume/Area (as applicable)	NOTES
2372.908-F1401	MEAS above ceiling	T	ND		
2372.909-F1402	TU 14-4 FP	B	ND		
2372.909-F1403	FP Stain	B	ND		
2372.909-F1404	WGB stain	B	ND		
2372.909-F1405	FP Beamy at deck	B	ND		
2372.909-F1406	WGB stain	B	ND		
2372.909-F1407	FP Beamy	B	ND		
2372.909-F1408	WGB at base	T	ND		
2372.909-F1409	FP at deck edge	B	ND		
2372.909-F1410	WGB at column base	T	ND		
2372.909-F1411	FP at deck edge	B	ND		
2372.909-F1412	FP at deck edge	B	ND		

**SAMPLE TYPE CODES**

ST - Spore Trap; Zefon, Allergenco, Burkard...  
 T - Tap; D - Dust  
 SW - Swab; SO - Soil  
 P - Porable Water; B - Bulk  
 NP - Non-Porable Water; O - Other

**REINQUISHED BY** Theermska **DATE & TIME** 9/9/09 18:00

**RECEIVED BY** Brandon Fiedler **DATE & TIME** 9/9/09 18:50



Non-Culturable	Culturable	Other requests
Spore Trap	BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	Asbestos Analysis - PCM (EPA method 800/R-93-116)
Spore	QuantTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 2400)
Trap	Direct Microscopic Exam (Qualitative)	MPN Bacteria (Please specify organism)
	Fungi - Spore Trap Analysis	Membrane Filtration (Please specify organism)
	Quantitative Spore Count Direct Exam	Total Coliform, E.coli (Presence/Absence)
	Direct Microscopic Exam (Qualitative)	Legionella culture
	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Culturable Air Fungi (Genus ID + Sp. spp.)
	Culturable Air Fungi (Genus ID + Sp. spp.)	3-Media Surface Fungi (Genus ID + Sp. spp.)
	2-Media Surface Fungi (Genus ID + Sp. spp.)	1-Media Surface Fungi (Genus ID + Sp. spp.)
	PCR (Please specify test)	

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page 1 of 2





**EMLab P&K**

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

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Regarding: Project: 2372.02-572; DGS/BOE Floor 14 Supp WDA  
EML ID: 579767

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 09-11-2009

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

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**EMLab P&K**

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, Ms. Andrea  
 Steinbach  
 Re: 2372.02-572; DGS/BOE Floor 14 Supp WDA

Date of Sampling: 09-10-2009  
 Date of Receipt: 09-10-2009  
 Date of Report: 09-11-2009

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2571369-1: Tape sample 2372-910-F1419: Stain on Wall GB - mail room				
Light	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2571368-1: Bulk sample 2372-910-F1420: Stain on floor at K-19				
Miscellaneous debris	Very few	None	None	Normal trapping

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





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**LaCroix Davis, LLC**  
3685 Mt. Diablo Blvd.  
Suite 210  
Lafayette, CA 94549

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Regarding: Project: 2372.02-572; Floor 14 containments  
EML ID: 580212

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: 09-14-2009

Project SOPs: Spore trap analysis (I100000)

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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: 2372.02-572; Floor 14 containments

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

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

Location:	2372-911-F14A01: Bldg exterior east		2372-911-F14A02: SW area WP02, floor 14		2372-911-F14A03: SW area SP01, floor 14		2372-911-F14A04: SW area ambient	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	2572976-1		2572977-1		2572978-1		2572979-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	9	120						
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	18	960						
Bipolaris/Drechslera group	1	13						
Cercospora	2	27						
Chaetomium	12	160						
Cladosporium	92	4,900					1	53
Curvularia	1	13						
Epicoccum	1	13						
Fusarium								
Nigrospora	19	250						
Oidium								
Penicillium/Aspergillus types†	39	2,100					2	110
Pithomyces								
Rusts*	11	150						
Smuts*, Periconia, Myxomycetes*	35	470						
Stachybotrys	1	13	1	13				
Stemphylium	3	40						
Torula	2	27						
Ulocladium	1	13						
Background debris (1-4+)††	4+		2+		2+		2+	
Hyphal fragments/m3	80		< 13		< 13		< 13	
Pollen/m3	93		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>9,300</b>		<b>13</b>		<b>&lt; 13</b>		<b>160</b>

Comments: A) No spores detected.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 containments

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

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

Location:	2372-911-F14A05: Building exterior east		2372-911-F14A06: NE area NP01, floor 14	
Comments (see below)	B		None	
Lab ID-Version‡:	2572980-1		2572981-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	5	67		
Arthrinium				
Ascospores*				
Aureobasidium				
Basidiospores*	11	590	1	53
Bipolaris/Drechslera group				
Botrytis				
Cercospora				
Chaetomium	1	13		
Cladosporium	91	3,700		
Curvularia				
Epicoccum	1	13		
Fusarium				
Nigrospora	10	130		
Oidium	1	13		
Penicillium/Aspergillus types†	48	1,200		
Pithomyces				
Rusts*	23	310		
Smuts*, Periconia, Myxomycetes*	33	440		
Stachybotrys	1	13		
Stemphylium	1	13		
Torula	2	27		
Ulocladium	1	13		
Background debris (1-4+)††	4+		1+	
Hyphal fragments/m3	370		< 13	
Pollen/m3	67		< 13	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORE/m3</b>		<b>6,500</b>		<b>53</b>

**Comments:** B) 30 of the raw count *Cladosporium* spores were present as a single clump. 33 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.

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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: 2372.02-572; Floor 14 containments

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-911-F14A01, Bldg exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	120	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	13	7	13	200	26	7	13	120	13
Chaetomium	160	7	13	120	14	7	13	120	19
Cladosporium	4,900	53	800	13,000	97	53	630	6,700	97
Curvularia	13	7	27	720	33	7	13	220	7
Epicoccum	13	7	27	430	32	7	13	160	20
Nigrospora	250	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	2,100	27	270	3,300	84	33	210	2,500	85
Stachybotrys	13	7	13	260	3	7	13	280	5
Stemphylium	40	7	13	53	5	7	13	67	9
Torula	27	7	13	130	15	7	13	150	12
Ulocladium	13	7	13	130	7	7	13	93	9
<b>Seldom found growing indoors**</b>									
Ascospores	53	13	210	5,200	83	13	110	1,900	71
Basidiospores	960	20	530	23,000	96	13	210	7,000	93
Cercospora	27	7	40	690	20	7	13	120	1
Oidium	-	7	13	190	15	7	13	190	20
Rusts	150	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	470	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	9,322								

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
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 Re: 2372.02-572; Floor 14 containments

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-911-F14A05, Building exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	67	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	3,700	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Epicoccum	13	7	27	430	32	7	13	160	20
Nigrospora	130	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	1,200	27	270	3,300	84	33	210	2,500	85
Stachybotrys	13	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	27	7	13	130	15	7	13	150	12
Ulocladium	13	7	13	130	7	7	13	93	9
<b>Seldom found growing indoors**</b>									
Ascospores	-	13	210	5,200	83	13	110	1,900	71
Basidiospores	590	20	530	23,000	96	13	210	7,000	93
Cercospora	-	7	40	690	20	7	13	120	1
Oidium	13	7	13	190	15	7	13	190	20
Rusts	310	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	440	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	6,542								

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

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 Steinbach  
 Re: 2372.02-572; Floor 14 containments

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

### **MoldRANGE™: Extended Outdoor Comparison**

† 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/m<sup>3</sup>. 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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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



000580212

**CONTACT INFORMATION**

Company: Le Croix Davis, LLC  
Address: 3685 Mt. Diablo, 210 Lafayette CA  
Special Instructions: mail contacts

**PROJECT INFORMATION**

Project ID: 2372-02-572  
Project Desc.: Fiber 14 Containment's  
Project: Fiber 14 Containment's  
Sampling Date & Time: 9/11/09  
Zip Code:  
PO Number:

Sample ID	Description	Sample Type (Below)	TA (Below)	Total Volume/Area (as applicable)	NOTES
2372-911-F14A01	Blat exterior for EAST	ST	ND	75	in container west west, fiber contact 2 south, fiber contact 1 outside container west in container west North, fiber contact 1
2372-911-F14A02	SW area, WPO 2, Floor 14	ST	ND	75	
2372-911-F14A03	SW area, SPO 1, Floor 14	ST	ND	75	
2372-911-F14A04	SW area, ambient	ST	ND	75	
2372-911-F14A05	Building Exterior for EAST	ST	ND	75	
2372-911-F14A06	NE area, NPO 1, Floor 14	ST	ND	75	

**SAMPLE TYPE CODES**

BC - BinCassette  
A1S - Andersen  
SAS - Surface Air Sampler  
CP - Contact Plate

ST - Spore Trap, Zefon, Allergence, Burford...  
T - Tape  
SW - Swab  
P - Potable Water  
NP - Non-Portable Water

D - Dust  
SO - Soil  
B - Bulk  
O - Other

REQUISITIONED BY: theodore DATE & TIME: 9/10/09 11:00

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

**RECEIVED BY**

DATE & TIME: 9/11/09 17:00

[Signature]

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**EMLab P&K**

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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: 2372-02-572; Floor 14 Supplemental WDA  
EML ID: 580123

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): 09-14-2009

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

---

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

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

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

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Document Number: 200091 - Revision Number: 5

**EMLab P&K**

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, Ms. Andrea  
 Steinbach  
 Re: 2372-02-572; Floor 14 Supplemental WDA

Date of Sampling: 09-11-2009  
 Date of Receipt: 09-11-2009  
 Date of Report: 09-14-2009

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2572648-1: Tape sample 2372-911-F1421: Stain on gyp board core hall, east above ceiling				
Very Heavy	Very few	None	None	Normal trapping

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





**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: 2372.02-572; DGS BOE Floor 14 Containments  
EML ID: 580656

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: 09-15-2009

Project SOPs: Spore trap analysis (I100000)

---

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

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

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

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Document Number: 200091 - Revision Number: 5

**EMLab P&K**880 Riverside Parkway, West Sacramento, CA 95605  
(866) 888-6653 Fax (650) 829-5852 www.emlab.comClient: LaCroix Davis, LLC  
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
Steinbach  
Re: 2372.02-572; DGS BOE Floor 14 ContainmentsDate of Sampling: 09-14-2009  
Date of Receipt: 09-14-2009  
Date of Report: 09-15-2009**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	2372-914-A01: Exterior east entry		2372-914-A02: Floor 14 elevator lobby S		2372-914-A03: Floor 14 janitor room		2372-914-A04: Floor 14 mail room	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2574961-1		2574962-1		2574963-1		2574964-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	4	53			2	27		
Arthrinium								
Ascospores*	65	3,500						
Aureobasidium								
Basidiospores*	223	12,000			1	53		
Bipolaris/Drechslera group			1	13			1	13
Botrytis								
Chaetomium								
Cladosporium	34	1,800	2	110	1	53	1	53
Curvularia								
Epicoccum			1	13				
Fusarium								
Myrothecium								
Nigrospora								
Other brown			1	13				
Penicillium/Aspergillus types†	2	110			11	590		
Pithomyces								
Rusts*	1	13	1	13				
Smuts*, Periconia, Myxomycetes*	2	27	6	80	2	27	2	27
Stachybotrys								
Stemphylium	1	13						
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		3+		3+		2+	
Hyphal fragments/m3	53		27		13		13	
Pollen/m3	280		13		< 13		< 13	
Skin cells (1-4+)	None		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>17,000</b>		<b>240</b>		<b>750</b>		<b>93</b>

**Comments:**

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

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

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

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

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

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

**EMLab P&K**880 Riverside Parkway, West Sacramento, CA 95605  
(866) 888-6653 Fax (650) 829-5852 www.emlab.comClient: LaCroix Davis, LLC  
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
Steinbach  
Re: 2372.02-572; DGS BOE Floor 14 ContainmentsDate of Sampling: 09-14-2009  
Date of Receipt: 09-14-2009  
Date of Report: 09-15-2009**SPORE TRAP REPORT: NON-VIABLE METHODOLOGY**

Location:	2372-914-A05: Floor 14 women's		2372-914-A06: Floor 14 men's		2372-914-A07: Floor 14 elevator lobby N		2372-914-A08: Exterior east entry	
Comments (see below)	A		B		None		C	
Lab ID-Version‡:	2574965-1		2574966-1		2574967-1		2574968-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13			1	13
Arthrinium								
Ascospores*							25	1,300
Aureobasidium								
Basidiospores*	2	110			1	53	109	5,800
Bipolaris/Drechslera group							1	13
Botrytis								
Chaetomium								
Cladosporium	4	53			1	53	23	1,200
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Other brown								
Penicillium/Aspergillus types†							7	93
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13			7	93
Stachybotrys								
Stemphylium							1	13
Torula								
Ulocladium			2	27				
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		53		< 13	
Pollen/m3	< 13		< 13		< 13		67	
Skin cells (1-4+)	1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>160</b>		<b>53</b>		<b>110</b>		<b>8,600</b>

**Comments:** A) The 4 raw count *Cladosporium* spores were present as a single clump. B) No small spores detected. C) The 7 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" 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: 2372.02-572; DGS BOE Floor 14 Containments

Date of Sampling: 09-14-2009  
 Date of Receipt: 09-14-2009  
 Date of Report: 09-15-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-914-A01, Exterior east entry**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	53	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	1,800	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Nigrospora	-	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	110	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	3,500	13	210	5,200	83	13	110	1,900	71
Basidiospores	12,000	20	530	23,000	96	13	210	7,000	93
Rusts	13	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	27	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	17,516								

† 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/m<sup>3</sup>. 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: 2372.02-572; DGS BOE Floor 14 Containments

Date of Sampling: 09-14-2009  
 Date of Receipt: 09-14-2009  
 Date of Report: 09-15-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-914-A08, Exterior east entry**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	13	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	13	7	13	200	26	7	13	120	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	1,200	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Nigrospora	-	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	93	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	1,300	13	210	5,200	83	13	110	1,900	71
Basidiospores	5,800	20	530	23,000	96	13	210	7,000	93
Rusts	-	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	93	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	<b>8,525</b>								

† 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/m<sup>3</sup>. These values are updated periodically, and if enough data is not available to make a statistically meaningful assessment, it is indicated with a dash.

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

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

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# CHAIN OF CUSTODY EMLab P&K

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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 • (866) 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

**CONTACT INFORMATION**

Company: **LaCroix Davis, LLC**  
 Address: **3655 Mt. Diablo #210 Lafayette, CA 94549**  
 Contact: **Chris Computerized Co., Andrea Steinberg**  
 Phone: **925.299.1140**

**PROJECT INFORMATION**

Project ID: **2372-02-572**  
 Project Desc: **80E Floor 14 containments**  
 Project: **Sampling**  
 Date & Time: **9/14/09 1**  
 Zip Code:  
 PO 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 or on weekends, will be considered received the next business day. Please alerts in advance of weekend analysis requests.*

**REQUESTED SERVICES**

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

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (As applicable)	Notes
2372-914-A01	Exterior East Entry	ST	ND	75	11:06 cleanup
2372-914-A02	Floor 14 Elevator Lobby S	ST	ND	75	11:58 Ambient
2372-914-A03	Floor 14 Janitor Room	ST	ND	75	11:59 containment
2372-914-A04	Floor 14 Mail Room	ST	ND	75	12:08 containment
2372-914-A05	Floor 14 Women's	ST	ND	75	12:20 containment
2372-914-A06	Floor 14 Men's	ST	ND	75	12:22 containment
2372-914-A07	Floor 14 Elevator Lobby N	ST	ND	75	12:23 Ambient
2372-914-A08	Exterior East Entry	ST	ND	75	

**SAMPLE TYPE CODES**

ST - Spore Trap; Zefon, Allergenco, Burkard...  
 T - Tape; SW - Swab; SO - Soil  
 SAS - Surface Air Sampler; P - Potable Water; B - Bulk  
 CP - Contact Plate; NP - Non-Potable Water; O - Other

**REQUISITION BY:** *[Signature]* **DATE & TIME:** 9/14/09

**RECEIVED BY:** *[Signature]* **DATE & TIME:** 9/14/09 1:30 PM

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**EMLab P&K**

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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: 2372.02-572; DGS-BOE Building Floor 14  
EML ID: 581070

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: 09-16-2009

Project SOPs: Spore trap analysis (I100000)

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

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

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

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; DGS-BOE Building Floor 14

Date of Sampling: 09-15-2009  
 Date of Receipt: 09-15-2009  
 Date of Report: 09-16-2009

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

Location:	2372-915-A01: Exterior building E		2372-915-A02: Floor 14 NW containment 1		2372-915-A03: Floor 14 N ambient		2372-915-A04: Floor 14 NW containment 2	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2576742-1		2576743-1		2576744-1		2576745-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	6	80						
Arthrinium								
Ascospores*	12	640						
Aureobasidium								
Basidiospores*	71	3,800					1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	13						
Cladosporium	36	1,900	1	53	1	53	4	210
Curvularia	1	13						
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora	4	53					1	13
Other colorless								
Penicillium/Aspergillus types†	6	320	1	53			6	320
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	9	120						
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		2+		2+		3+	
Hyphal fragments/m3	93		< 13		< 13		< 13	
Pollen/m3	110		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>7,000</b>		<b>110</b>		<b>53</b>		<b>600</b>

**Comments:**

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; DGS-BOE Building Floor 14

Date of Sampling: 09-15-2009  
 Date of Receipt: 09-15-2009  
 Date of Report: 09-16-2009

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

Location:	2372-915-A05: Floor 14 NE containment 1		2372-915-A06: Exterior building E	
Comments (see below)	A		None	
Lab ID-Version‡:	2576746-1		2576747-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			7	93
Arthrinium				
Ascospores*			17	910
Aureobasidium				
Basidiospores*			109	5,800
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			1	13
Cladosporium			51	2,700
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora			5	67
Other colorless				
Penicillium/Aspergillus types†			8	430
Pithomyces				
Rusts*			2	27
Smuts*, Periconia, Myxomycetes*			9	120
Stachybotrys				
Stemphylium			1	13
Torula			1	13
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	< 13		53	
Pollen/m3	< 13		200	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORE/m3</b>		<b>&lt; 13</b>		<b>10,000</b>

Comments: A) No spores detected.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; DGS-BOE Building Floor 14

Date of Sampling: 09-15-2009  
 Date of Receipt: 09-15-2009  
 Date of Report: 09-16-2009

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-915-A01, Exterior building E**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	80	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	1,900	53	800	13,000	97	53	630	6,700	97
Curvularia	13	7	27	720	33	7	13	220	7
Nigrospora	53	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	320	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	-	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	640	13	210	5,200	83	13	110	1,900	71
Basidiospores	3,800	20	530	23,000	96	13	210	7,000	93
Rusts	13	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	120	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	6,952								

† 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: 2372.02-572; DGS-BOE Building Floor 14

Date of Sampling: 09-15-2009  
 Date of Receipt: 09-15-2009  
 Date of Report: 09-16-2009

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-915-A06, Exterior building E**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	93	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	2,700	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Nigrospora	67	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	430	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	13	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	910	13	210	5,200	83	13	110	1,900	71
Basidiospores	5,800	20	530	23,000	96	13	210	7,000	93
Rusts	27	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	120	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	10,186								

† 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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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 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	Rain	Snow	Wind	Dust
None	X	X	X	X	X
Light					
Moderate					
Heavy					

REQUESTED SERVICES

000581070

Culturable

1-Media Surface Fungi (Genus ID + spp.)	1-Media Surface Fungi (Genus ID + spp.)
2-Media Surface Fungi (Genus ID + spp.)	2-Media Surface Fungi (Genus ID + spp.)
3-Media Surface Fungi (Genus ID + spp.)	3-Media Surface Fungi (Genus ID + spp.)
Culturable Air Fungi (Genus ID + spp.)	Culturable Air Fungi (Genus ID + spp.)
Gram Stain and Counts (Culturable Air and Surface Bacteria)	Gram Stain and Counts (Culturable Air and Surface Bacteria)
Logically culture	Logically culture
Tard Coliform, E.coli (Presence/Absence)	Tard Coliform, E.coli (Presence/Absence)
Membrane Filtration (Please specify organism)	Membrane Filtration (Please specify organism)
MFN Bacteria (Please specify organism)	MFN Bacteria (Please specify organism)
Quantitative Spore Count Direct Exam	Quantitative Spore Count Direct Exam

Non-Culturable

Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles
Direct Microscopic Exam (Qualitative)	Direct Microscopic Exam (Qualitative)
Fungal Spore Trap Analysis	Fungal Spore Trap Analysis

Other Requests

Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
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)

9/15/09 F14 AIR

DATE & TIME

RECEIVED BY

00

9-15-09 12

REQUISITIONED BY

DATE & TIME

SAMPLE TYPE CODES

BC - BioCassette	CP - Contact Plate	T - Tape	D - Dust
A15 - Andersen	ST Spore Trap: Zoon, Allergen, Burkard	SW - Swab	W - Water
SAS - Surface Air Sampler	B - Bulk	Bulk	SO - Soil
O - Other			

CONTACT INFORMATION  
Company: La Croix Davis  
Address: 13085 Mt Diablo Blvd #210 Lafayette, CA 94549  
Special Instructions: please email contacts.

PROJECT INFORMATION  
Project ID: 2372-02-572  
Project: D&S BOE Building Floor 14  
Sampling Date & Time: 9-15-09 10:00  
PO Number:  
STD - Standard (DEFAULT)  
Next Business Day  
SD - Same Business Day Rush  
WH - Weekend/Holiday

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Ave (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-915-A01	Exterior building E	ST	ND	75 L	10:07
2372-915-A02	Floor 14 NW Containment	ST	ND	75 L	10:26
2372-915-A03	Floor 14 Nambiat	ST	ND	75 L	10:15
2372-915-A04	Floor 14 NE Containment	ST	ND	75 L	10:44
2372-915-A05	Floor 14 NE Containment	ST	ND	75 L	10:57
2372-915-A06	Exterior Building E	ST	ND	75 L	11:10

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



## EMLab P&K

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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: 2372.02-572; BOE Building  
EML ID: 581636

Approved by:

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 09-17-2009

Project SOPs: Spore trap analysis (I100000)

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; BOE Building

Date of Sampling: 09-16-2009  
 Date of Receipt: 09-16-2009  
 Date of Report: 09-17-2009

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

Location:	2372-916-A01: Exterior by cafe North		2372-916-A02: Floor 14 by Janitor, outside cont.		2372-916-A03: Janitor containment fl 14		2372-916-A04: Mail Rm. containment 14	
Comments (see below)	None		None		A		B	
Lab ID-Version‡:	2579015-1		2579016-1		2579017-1		2579018-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	8	110						
Arthrinium								
Ascospores*	10	530						
Aureobasidium								
Basidiospores*	68	3,600	1	53	2	110	2	110
Bipolaris/Drechslera group								
Botrytis	2	27						
Chaetomium	1	13						
Cladosporium	102	5,400	2	110	1	53		
Curvularia								
Epicoccum								
Fusarium								
Nigrospora	2	27	1	13				
Other brown								
Penicillium/Aspergillus types†	5	270	2	110	43	1,700	176	3,100
Pithomyces								
Rusts*	3	40						
Smuts*, Periconia, Myxomycetes*	6	80	1	13				
Stachybotrys								
Stemphylium	1	13						
Torula	6	80						
Ulocladium								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	13		13		< 13		< 13	
Pollen/m3	53		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>10,000</b>		<b>290</b>		<b>1,900</b>		<b>3,200</b>

**Comments:** A) 15 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. B) 158 of the raw count *Penicillium/Aspergillus* type spores were present as a clump of 42, a clump of 46 and a clump of 70 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: 2372.02-572; BOE Building

Date of Sampling: 09-16-2009  
 Date of Receipt: 09-16-2009  
 Date of Report: 09-17-2009

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

Location:	2372-916-A05: NW containment #2		2372-916-A06: Exterior North	
Comments (see below)	C		None	
Lab ID-Version‡:	2579019-1		2579020-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			5	67
Arthrinium				
Ascospores*			6	320
Aureobasidium				
Basidiospores*			78	4,200
Bipolaris/Drechslera group				
Botrytis			1	13
Chaetomium			2	27
Cladosporium			107	5,700
Curvularia				
Epicoccum			1	13
Fusarium				
Myrothecium				
Nigrospora			15	200
Other brown			1	13
Other colorless				
Penicillium/Aspergillus types†			5	270
Pithomyces				
Rusts*			1	13
Smuts*, Periconia, Myxomycetes*			6	80
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	< 13		13	
Pollen/m3	< 13		67	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORE/m3</b>		<b>&lt; 13</b>		<b>11,000</b>

**Comments:**C) No spores detected.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
 Steinbach  
 Re: 2372.02-572; BOE Building

Date of Sampling: 09-16-2009  
 Date of Receipt: 09-16-2009  
 Date of Report: 09-17-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-916-A01, Exterior by cafe North**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	110	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	5,400	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Epicoccum	-	7	27	430	32	7	13	160	20
Nigrospora	27	7	20	270	27	7	13	170	8
Other brown	-	7	13	110	33	7	13	88	36
Penicillium/Aspergillus types	270	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	80	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	530	13	210	5,200	83	13	110	1,900	71
Basidiospores	3,600	20	530	23,000	96	13	210	7,000	93
Botrytis	27	7	13	200	9	7	20	200	19
Rusts	40	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	80	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	<b>10,190</b>								

† 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: 2372.02-572; BOE Building

Date of Sampling: 09-16-2009  
 Date of Receipt: 09-16-2009  
 Date of Report: 09-17-2009

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-916-A06, Exterior North**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	67	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	27	7	13	120	14	7	13	120	19
Cladosporium	5,700	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Epicoccum	13	7	27	430	32	7	13	160	20
Nigrospora	200	7	20	270	27	7	13	170	8
Other brown	13	7	13	110	33	7	13	88	36
Penicillium/Aspergillus types	270	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	-	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	320	13	210	5,200	83	13	110	1,900	71
Basidiospores	4,200	20	530	23,000	96	13	210	7,000	93
Botrytis	13	7	13	200	9	7	20	200	19
Rusts	13	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	80	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	10,916								

† 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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## EMLab P&K

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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: 2372.02-572; DGS-BOE Building Floor 14 Containments  
EML ID: 581324

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): 09-16-2009

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; DGS-BOE Building Floor 14 Containments

Date of Sampling: 09-16-2009  
 Date of Receipt: 09-16-2009  
 Date of Report: 09-16-2009

**DIRECT MICROSCOPIC EXAMINATION REPORT**  
 (Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2577845-1: Bulk sample 2372-916-F14B01: Stain fireproofing column L-17				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2577846-1: Bulk sample 2372-916-F14B02: Stain fireproofing column K-17				
Miscellaneous debris	Few	None	None	Normal trapping

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



# CHAIN OF CUSTODY EMLab P&K

www.EMLabPK.com

Cherry Hill, NJ: 1936 Cliney Avenue, Cherry Hill, NJ 08003 • (866) 871-1984  
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 • (800) 631-4802  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653

WEATHER		Fog	Rain	Snow	Wind	Clear
None						
Light						
Moderate						
Heavy						

**REQUESTED SERVICES**  
 Culturable  
 BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

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

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	9/16/09 9:30 AM

**CONTACT INFORMATION:**  
 Company: *Lacroix Davis, LLC*  
 Address: *3685 Mt. Diablo # 210 Lafayette CA 94519*  
 Contact: *Chris Lopez, Ted Lee, Andrea Steinbrabel*  
 Instructions: *email contacts*

**PROJECT INFORMATION:**  
 Project ID: *2372.02-572*  
 Project Desc: *UES - BOE Floor 14 containments*  
 Sampling Date & Time: *9/16/09 8:15*  
 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/Amt (as applicable)	NOTES (Time/Day, Temp, RH, etc.)
<i>2372-916-F14B01</i>	<i>Steam Fireproofing Column L17</i>	<i>B</i>	<i>SD</i>	<i>0</i>	<i>8:15</i>
<i>2372-916-F14B02</i>	<i>Steam Fireproofing Column K17</i>	<i>B</i>	<i>SD</i>	<i>0</i>	<i>8:20</i>

SAMPLE TYPE CODES	REFINISH/ISSUE	DATE & TIME
BC - BioCassette™ A15 - Andersen SAS - Surface Air Sampler CP - Contact Plate ST - Spore Trap; Zetron, Allergenco, Burkard... P - Potable Water NP - Non-Potable Water T - Tape SW - Swab SO - Soil B - Bulk O - Other	<i>througace</i>	<i>9/16/09 9:20</i>

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## EMLab P&K

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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: 2372.02-572; Floor 14 Containments  
EML ID: 582581

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: 09-18-2009

Project SOPs: Spore trap analysis (I100000)

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 Containments

Date of Sampling: 09-18-2009  
 Date of Receipt: 09-18-2009  
 Date of Report: 09-18-2009

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

Location:	2372-918-A01: Exterior Building East		2372-918-A02: Floor 14 Mail Room		2372-918-A03: Floor 14 Janitor Room		2372-918-A04: Floor 14 SE Cont. SW	
Comments (see below)	None		None		None		A	
Lab ID-Version‡:	2583030-1		2583031-1		2583032-1		2583033-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*	19	1,000						
Aureobasidium								
Basidiospores*	29	1,500						
Bipolaris/Drechslera group	1	13						
Chaetomium	2	27						
Cladosporium	87	4,600						
Curvularia								
Epicoccum								
Fusarium								
Nigrospora	2	27						
Oidium								
Other brown								
Other colorless								
Penicillium/Aspergillus types†	3	160	1	53	1	53		
Pithomyces								
Rusts*	5	67						
Smuts*, Periconia, Myxomycetes*	28	370	1	13	2	27		
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	3+		2+		3+		2+	
Hyphal fragments/m3	67		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>7,900</b>		<b>67</b>		<b>80</b>		<b>&lt; 13</b>

Comments: A) No spores detected.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 Containments

Date of Sampling: 09-18-2009  
 Date of Receipt: 09-18-2009  
 Date of Report: 09-18-2009

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

Location:	2372-918-A05: Floor 14 SE Cont Ctr		2372-918-A06: Floor 14 SE Cont NE		2372-918-A07: Floor 14 ambient hall Core at Janitor Closet		2372-918-A08: Exterior Building East	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	2583034-1		2583035-1		2583036-1		2583037-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							5	67
Ascospores*							3	160
Aureobasidium								
Basidiospores*			1	53	1	53	37	2,000
Bipolaris/Drechslera group								
Chaetomium							1	13
Cladosporium							150	8,000
Curvularia							1	13
Epicoccum								
Fusarium								
Nigrospora								
Oidium							10	130
Other brown							1	13
Other colorless							1	13
Penicillium/Aspergillus types†					2	110	5	270
Pithomyces								
Rusts*							7	93
Smuts*, Periconia, Myxomycetes*							27	360
Stachybotrys							1	13
Stemphylium							1	13
Torula								
Ulocladium								
Background debris (1-4+)††	2+		2+		2+		3+	
Hyphal fragments/m3	< 13		< 13		< 13		40	
Pollen/m3	< 13		< 13		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		< 13		53		160		11,000

Comments: A) No spores detected.

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

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

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 TestAmerica Environmental Microbiology Laboratory, Inc.

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 Containments

Date of Sampling: 09-18-2009  
 Date of Receipt: 09-18-2009  
 Date of Report: 09-18-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-918-A01, Exterior Building East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
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Chaetomium	27	7	13	120	14	7	13	120	19
Cladosporium	4,600	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Nigrospora	27	7	20	270	27	7	13	170	8
Other brown	-	7	13	110	33	7	13	88	36
Other colorless	-	7	13	350	7	7	13	93	6
Penicillium/Aspergillus types	160	27	270	3,300	84	33	210	2,500	85
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Stemphylium	-	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	1,000	13	210	5,200	83	13	110	1,900	71
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Rusts	67	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	370	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	<b>7,777</b>								

† 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: 2372.02-572; Floor 14 Containments

Date of Sampling: 09-18-2009  
 Date of Receipt: 09-18-2009  
 Date of Report: 09-18-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-918-A08, Exterior Building East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	67	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	8,000	53	800	13,000	97	53	630	6,700	97
Curvularia	13	7	27	720	33	7	13	220	7
Nigrospora	-	7	20	270	27	7	13	170	8
Other brown	13	7	13	110	33	7	13	88	36
Other colorless	13	7	13	350	7	7	13	93	6
Penicillium/Aspergillus types	270	27	270	3,300	84	33	210	2,500	85
Stachybotrys	13	7	13	260	3	7	13	280	5
Stemphylium	13	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	160	13	210	5,200	83	13	110	1,900	71
Basidiospores	2,000	20	530	23,000	96	13	210	7,000	93
Oidium	130	7	13	190	15	7	13	190	20
Rusts	93	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	360	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	<b>11,158</b>								

† 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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# CHAIN OF CUSTODY

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



WEATHER:		Eng	Rain	Snow	Wind	Clear
None	Light					
Moderate	Heavy					

**CONTACT INFORMATION**

Company: **LA Croix Davis, LLC**  
 Address: **2685 Mt Diablo Blvd #210**  
 Contact: **Chris Corpuz, Tedice, Andrea Stamm**  
 Phone: **925-299-1150**  
 Instructions: **email contacts**

**PROJECT INFORMATION**

Project ID: **2372-02-572**  
 Project Desc.: **Floor 14 Containments**  
 Project: **Sampling**  
 Date & Time: **9/18/09 1:00 PM**  
 Zip Code:  
 PO 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 oil weekdays 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.)
2372-918-A01	Exterior Building East	ST	SD	75	1:11
2372-918-A02	Floor 14 Mail Room	ST	SD	75	1:32
2372-918-A03	Floor 14 Janitor Room	ST	SD	75	1:40
2372-918-A04	Floor 14 SE cont. SW	ST	SD	75	1:58
2372-918-A05	Floor 14 SE cont. NW	ST	SD	75	2:06
2372-918-A06	Floor 14 SE cont. NE	ST	SD	75	2:13
2372-918-A07	Floor 14 ambient hall	ST	SD	75	2:24
2372-918-A08	Exterior Building East	ST	SD	75	2:34

**SAMPLE TYPE CODES**

BC - BioCassette  
 ST - Spore Trap; Zefon, Airgecco, Burkard...  
 A15 - Andersen  
 SAS - Surface Air Sampler  
 CP - Contact Plate

T - Tape  
 SW - Swab  
 B - Bulk  
 NP - Non-Potable Water  
 D - Dust  
 SO - Soil  
 O - Other:

RELINQUISHED BY: **Theodore** DATE & TIME: **9/18/09 15**

**REQUESTED SERVICES (Check)**

Non-Culturable: Spore Trap, Direct Microscopic Exam (Qualitative), Fungi - Spore Trap Analysis

Culturable: BioCassette, Andersen, SAS, Water, Bulk, Dust, Soil, Cont.

Barcode: 000582581

Requested Service	Completed
Spore Trap Analysis	X
Fungi - Spore Trap Analysis	X
Direct Microscopic Exam (Qualitative)	X
Quantitative Spore Count Direct Exam	X
1-Media Surface Fungi (Genus ID + Asp. spp.)	X
2-Media Surface Fungi (Genus ID + Asp. spp.)	X
3-Media Surface Fungi (Genus ID + Asp. spp.)	X
Culturable Air Fungi (Genus ID + Asp. spp.)	X
Cream Stain and Counts (Culturable Air and Surface Bacteria)	X
Legionella culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MFN Bacteria (Please specify organism)	
Quantify - Sewage Stream	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH)	
Asbestos Analysis - PUM (EPA method 600/R-93-116)	
PCR (Please specify test)	

RECEIVED BY: **Brandon Tiedem** DATE & TIME: **9/18/09 15:00**

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## EMLab P&K

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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: 2372.02-572; Floor 14 SE Containment  
EML ID: 583646

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: 09-23-2009

Project SOPs: Spore trap analysis (I100000)

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 SE Containment

Date of Sampling: 09-22-2009  
 Date of Receipt: 09-22-2009  
 Date of Report: 09-23-2009

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

Location:	2372-922-A01: Exterior building east		2372-922-A02: Floor 14 SE ambient		2372-922-A03: Floor 14 SE containment N		2372-922-A04: Floor 14 SE containment center	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2587373-1		2587374-1		2587375-1		2587376-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	8	110						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	11	590						
Bipolaris/Drechslera group								
Botrytis	2	27						
Chaetomium	6	80						
Cladosporium	122	6,500	2	110	1	53		
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora	33	440						
Oidium	2	27						
Penicillium/Aspergillus types†	45	2,400					2	110
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	17	230						
Stachybotrys	1	13						
Stemphylium	3	40						
Torula								
Ulocladium								
Background debris (1-4+)††	4+		3+		2+		1+	
Hyphal fragments/m3	400		< 13		< 13		< 13	
Pollen/m3	80		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		3+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORE/m3</b>		<b>10,000</b>		<b>110</b>		<b>53</b>		<b>110</b>

**Comments:**

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: 2372.02-572; Floor 14 SE Containment

Date of Sampling: 09-22-2009  
 Date of Receipt: 09-22-2009  
 Date of Report: 09-23-2009

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

Location:	2372-922-A05: Floor 14 SE containment W		2372-922-A06: Exterior building east	
Comments (see below)	None		A	
Lab ID-Version‡:	2587377-1		2587378-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			13	170
Arthrinium				
Ascospores*			3	160
Aureobasidium				
Basidiospores*			13	690
Bipolaris/Drechslera group			1	13
Botrytis				
Chaetomium			1	13
Cladosporium			223	6,800
Curvularia				
Epicoccum			1	13
Fusarium				
Myrothecium				
Nigrospora			13	170
Oidium			1	13
Other colorless				
Penicillium/Aspergillus types†			18	960
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*	1	13	22	290
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Zygomycetes				
Background debris (1-4+)††	1+		4+	
Hyphal fragments/m3	13		320	
Pollen/m3	< 13		130	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORE/m3</b>		<b>13</b>		<b>9,300</b>

**Comments:** A) 127 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.

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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: 2372.02-572; Floor 14 SE Containment

Date of Sampling: 09-22-2009  
 Date of Receipt: 09-22-2009  
 Date of Report: 09-23-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-922-A01, Exterior building east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	110	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	-	7	13	200	26	7	13	120	13
Chaetomium	80	7	13	120	14	7	13	120	19
Cladosporium	6,500	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Epicoccum	-	7	27	430	32	7	13	160	20
Nigrospora	440	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	2,400	27	270	3,300	84	33	210	2,500	85
Stachybotrys	13	7	13	260	3	7	13	280	5
Stemphylium	40	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	-	13	210	5,200	83	13	110	1,900	71
Basidiospores	590	20	530	23,000	96	13	210	7,000	93
Botrytis	27	7	13	200	9	7	20	200	19
Oidium	27	7	13	190	15	7	13	190	20
Rusts	13	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	230	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	<b>10,470</b>								

† 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: 2372.02-572; Floor 14 SE Containment

Date of Sampling: 09-22-2009  
 Date of Receipt: 09-22-2009  
 Date of Report: 09-23-2009

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-922-A06, Exterior building east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: September				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	170	7	40	590	64	7	27	230	57
Bipolaris/Drechslera group	13	7	13	200	26	7	13	120	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	6,800	53	800	13,000	97	53	630	6,700	97
Curvularia	-	7	27	720	33	7	13	220	7
Epicoccum	13	7	27	430	32	7	13	160	20
Nigrospora	170	7	20	270	27	7	13	170	8
Penicillium/Aspergillus types	960	27	270	3,300	84	33	210	2,500	85
Stachybotrys	-	7	13	260	3	7	13	280	5
Stemphylium	-	7	13	53	5	7	13	67	9
Torula	-	7	13	130	15	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	160	13	210	5,200	83	13	110	1,900	71
Basidiospores	690	20	530	23,000	96	13	210	7,000	93
Botrytis	-	7	13	200	9	7	20	200	19
Oidium	13	7	13	190	15	7	13	190	20
Rusts	-	7	27	440	32	7	13	260	28
Smuts, Periconia, Myxomycetes	290	7	53	840	79	8	40	490	70
<b>TOTAL SPORES/M3</b>	9,292								

† 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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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (856) 877-1984  
 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



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REQUESTED SERVICES

Culturable

BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

Non-Culturable  
Tape Swab Bulk

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					X
Moderate					
Heavy					

**CONTACT INFORMATION**  
 Company: Lacroix Davis, LLC  
 Address: 3685 Mt. Diablo Blvd #210  
 City: Hayward, CA 94549  
 Contact: Chris Corpuz, Todd Lee, Andrea Stambach  
 Phone: 925.299.1140  
 Email: email contacts

**PROJECT INFORMATION**  
 Project ID: 2972-02-572  
 Project Desc: Floor 14 SE Containment  
 Project: Sampling  
 Date & Time: 9/22/09  
 PO Number: \_\_\_\_\_

**TURN AROUND TIME CODES - (TAT)**  
 STD - Standard (DEFAULT)  
 NB - 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.)
2972-922-A01	Exterior Building East	ST	ND	75	15:05
2972-922-A02	Floor 14 SE Containment	ST	ND	75	15:18
2972-922-A03	Floor 14 SE Containment N	ST	ND	75	15:30
2972-922-A04	Floor 14 SE Containment Center	ST	ND	75	15:42
2972-922-A05	Floor 14 SE Containment W	ST	ND	75	15:47
2972-922-A06	Exterior Building East	ST	ND	75	15:58

SAMPLE TYPE CODES			RELINQUISHED BY	DATE & TIME
BC - BioCassette™	CP - Contact Plate	T - Tape	<i>Andrea</i>	9/22/09 15:30
A15 - Andersen	ST - Spore Trap: Zimm, Allergenco, Burkard...	SW - Swab		
SAS - Surface Air Sampler	B - Bulk	SO - Soil		
Q - Other				

Non-Culturable		Culturable		Other Requests	
Fungal - Spore Trap Analysis	Spore Trap Analysis - Other particles	1-Media Surface Fungi (Genus ID + Aq. spp.)	2-Media Surface Fungi (Genus ID + Aq. spp.)	3-Media Surface Fungi (Genus ID + Aq. spp.)	4-Media Surface Fungi (Genus ID + Aq. spp.)
Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	MPN Bacteria (Please specify organism)
					Quarid/Tray - Sewage Specimen
					Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
					Asbestos Analysis - PLM (EPA Method 600/R-93-116)
					PCR (Please specify test)

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	9/22/09 14:30

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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

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Regarding: Project: 2372.03-572; DGS BOE Firesprink Cabs  
EML ID: 602123

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): 11-17-2009

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

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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; DGS BOE Firesprink Cabs

Date of Sampling: 11-13-2009  
 Date of Receipt: 11-16-2009  
 Date of Report: 11-17-2009

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2669912-1: Tape sample 2372-1112-FS22T01: F22 Water Stain W				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669913-1: Tape sample 2372-1112-FS21T02: F21 VMG				
Moderate	Very few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669914-1: Tape sample 2372-1112-FS21T03: F21 Water Stain N				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669915-1: Tape sample 2372-1112-FS20T04: F20 VMG				
Very Heavy	Very few	None	Very few <i>Chaetomium</i> spores detected. Moderate amounts of colorless spores typical of <i>Penicillium/Aspergillus</i> detected.	Mold growth in vicinity?
Lab ID-Version: 2669916-1: Tape sample 2372-1112-FS20T05: F20 Water Stain W				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) < 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) < 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669917-1: Tape sample 2372-1112-FS19T06: F19 VMG				
Moderate	Very few	4+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth

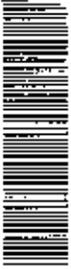
Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2669918-1: Tape sample 2372-1112-FS19T07: F19 Water Stain W				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669919-1: Tape sample 2372-1112-FS18T08: F18 SVMG				
Very Heavy	Very few	< 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Minimal mold growth
Lab ID-Version: 2669920-1: Tape sample 2372-1112-FS18T09: F18 Water Stain W				
Very Heavy	Very few	None	Very few <i>Chaetomium</i> spores detected. Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669921-1: Tape sample 2372-1112-FS17T10: F17 Water Stain W				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669922-1: Tape sample 2372-1112-FS17T11: F17 Water Stain N				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669923-1: Tape sample 2372-1112-FS16T12: F16 Water Stain S				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669924-1: Tape sample 2372-1112-FS15T13: F15 VMG-Suspect N				
Very Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth
Lab ID-Version: 2669925-1: Tape sample 2372-1112-FS15T14: F15 VMG-Suspect N				
Very Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669926-1: Tape sample 2372-1112-FS14T15: F14 VMG NW				
Very Heavy	Very few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669927-1: Tape sample 2372-1113-FS11T16: F11 Water Stain N				
Heavy	Very few	None	Moderate amounts of <i>Cladosporium</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‡: 2669928-1: Tape sample 2372-1113-FS10T17: FS10 VMG N+W				
Heavy	Very few	3+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669929-1: Tape sample 2372-1113-FS9T18: FS9 VMG				
Very Heavy	Very few	2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669930-1: Tape sample 2372-1113-FS8T19: FS8 SVMG W				
Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669931-1: Tape sample 2372-1113-FS7T20: FS7 Water Stain W				
Very Heavy	Very few	< 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Minimal mold growth
Lab ID-Version: 2669932-1: Tape sample 2372-1113-FS6T21: FS6 VMG				
Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2669933-1: Tape sample 2372-1113-FS5T22: FS5 Water Stain N				
Moderate	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669934-1: Tape sample 2372-1113-FS4T23: FS4 Water Stain W				
Heavy	Very few	None	Moderate amounts of <i>Cladosporium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2669935-1: Tape sample 2372-1113-FS3T24: FS3 VMG S+W				
Heavy	Very few	2+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae)	None	Mold growth
Lab ID-Version: 2669936-1: Tape sample 2372-1113-FS2T25: FS2 Water Stain S				
Very Heavy	Very few	None	Moderate amounts of <i>Cladosporium</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‡: 2669937-1: Tape sample 2372-1113-FS1T26: FS1 VMG N				
Heavy	Very few	4+ <i>Gliomastix</i> -like species (spores, hyphae) 2+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) 1+ <i>Acremonium</i> species (spores, hyphae, conidiophores) < 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

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





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

WEATHER			
None	Fog	Rain	Snow
Light			Wind
Moderate			Clear
Heavy			

## REQUESTED SERVICES (X) BOX

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

**CONTACT INFORMATION**

Company: LCD  
 Address: Lafayette  
 Special Instructions: none

**PROJECT INFORMATION**

Project ID: 237207-572  
 Project Desc: D65 DOE Fire Sprinkler Cabinet  
 Project: Sampling  
 Date & Time: 11/13/09  
 Zip Code: 92562-1140  
 PO Number:

Sample ID	Description	Sampling Type (See Below)	Status (Tape, Swab, Bulk, etc.)	Volume/Area (If Applicable)	Notes	TURN AROUND TIME CODES (TAT)	
						Standard (DEFAULT)	Rush
237207-572-01	F12 VMG-5 Support N	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-02	F15 VMG Support N	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-03	F14 VMG NW	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-04	F11 Water Stain N	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-05	F10 VMG NW	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-06	F09 VMG	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-07	F08 VMG W	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-08	F07 Water Stain W	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-09	F06 VMG	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-10	F05 Water Stain W	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-11	F04 Water Stain W	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-12	F03 VMG SW	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush

**SAMPLE TYPE CODES**

BC - BioCassette™  
 AT5 - Andersen  
 SAS - Surface Air Sampler  
 CP - Contact Plate

**TURN AROUND TIME CODES (TAT)**

ST - Spore Trap; Zefon, Allergenco, Burkard...  
 P - Potable Water  
 NP - Non-Potable Water

**OTHER CODES**

T - Tape  
 SW - Swab  
 B - Bulk  
 O - Other

**RECEIVED BY** DR. J. W. WILKINSON **DATE RECEIVED** 11/16/09

**REQUESTED BY** BRANDON DUGAN **DATE** 11/16/09

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**REQUESTED SERVICES (BY BOX)**

Non-Culturable		Culturable	
Spore Trap	Tapir Swab Bulk	BioCassette™, Anderson, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	Other Requests

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**

Company: MACNORY DAVIS  
 Address: 3685 Mt Diablo #210  
 Special Instructions: Log on site  
 Contact: ccapoz, T.ica, A. Steinbeck  
 Phone: 925 299 1140  
 Email: emad

**PROJECT INFORMATION**

Project ID: 2372-08-572  
 Project: Fire Sprinkler Cabinet  
 Date & Time: 11/13/09  
 PO Number: \_\_\_\_\_

**TURN AROUND TIME CODES (TAT)**

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

Sample ID	Description	Sample Type (Tape, Swab, Bulk, etc.)	Volume/Area (if applicable)	Notes
2372-08-572-01	ES2 Water Stair	T	ND	
2372-08-572-02	ES1 VMS N	T	ND	

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

SAMPLE TYPE CODES		RELINQUISHED BY		DATE/TIME	
ST - Spore Trap; Zefon, Allergenco, Burkard...	T - Tape	<u>Macnory Davis</u>	<u>11/16/09 16:55</u>	<u>Macnory Davis</u>	<u>11/16/09 16:55</u>
SAS - Surface Air Sampler	SW - Swab				
CP - Contact Plate	B - Bulk				
	SO - Soil				
	P - Potable Water				
	NIP - Non-Potable Water				
	O - Other:				

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