

**Appendix C**  
**Laboratory Reports**



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

Approved by:

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

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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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?

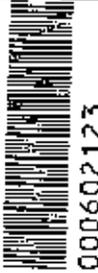
Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2669937-1: Tape sample 2372-1113-FS1T26: FS1 VMG N				
Heavy	Very few	4+ <i>Gliomastix</i> -like species (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.

# CHAIN OF CUSTODY

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000602123

WEATHER		Hum	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**

Company: Ladoux Davis Address: Lafayette  
 Contact: Carol T. G. A. Stenback Instructions: email  
 Phone: 9257991140

**PROJECT INFORMATION**

Project ID: 2372-03-572  
 Project Desc: Davis BOC Fire Sprinkler Cabinets  
 Project: Sampling  
 Zip Code: 94066  
 PO Number: 112-5112

**TURN AROUND TIME CODES (TAT)**

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

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (See applicable)	NOTES
112-FS1201	FAN WATER STAIN W	T	ND		
112-FS1202	FAN WATER STAIN W	T	ND		
112-FS1203	FAN WATER STAIN W	T	ND		
112-FS1204	FAN WATER STAIN W	T	ND		
112-FS1205	FAN WATER STAIN W	T	ND		
112-FS1206	FAN WATER STAIN W	T	ND		
112-FS1207	FAN WATER STAIN W	T	ND		
112-FS1208	FAN WATER STAIN W	T	ND		
112-FS1209	FAN WATER STAIN W	T	ND		
112-FS1210	FAN WATER STAIN W	T	ND		
112-FS1211	FAN WATER STAIN W	T	ND		
112-FS1212	FAN WATER STAIN W	T	ND		

**SAMPLE TYPE CODES**

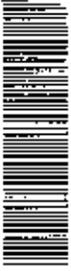
ST - Spore Trap; Zefon, Allergenco, Burkard...  
 P - Potable Water  
 NP - Non-Potable Water

**REUNQUISHED BY:** Juan M. Sanchez **DATE/TIME:** 11/12/09 10:00

**RECEIVED BY:** Brandon DeWitt **DATE/TIME:** 11/19/09 6:55

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

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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			

**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	Sample Type (See Below)	Status (Tape)	Volume/Area (As applicable)	Notes	TURN AROUND TIME CODES (TAT)	
						Standard (DEFAULT)	Rush
237207-572-01	F12 VMG-5 Support	T	ND			SPR - Standard (DEFAULT)	SD - Same Business Day Rush
237207-572-02	F15 VMG Support	T	ND			WH - Weekend/Holiday	
237207-572-03	F14 VMG NW	T	ND				
237207-572-04	F11 Water Stain	T	ND				
237207-572-05	F10 VMG NW	T	ND				
237207-572-06	F19 VMG	T	ND				
237207-572-07	F18 VMG	T	ND				
237207-572-08	F17 VMG	T	ND				
237207-572-09	F16 VMG	T	ND				
237207-572-10	F13 VMG	T	ND				
237207-572-11	F12 VMG	T	ND				
237207-572-12	F11 VMG	T	ND				
237207-572-13	F10 VMG	T	ND				
237207-572-14	F09 VMG	T	ND				
237207-572-15	F08 VMG	T	ND				
237207-572-16	F07 VMG	T	ND				
237207-572-17	F06 VMG	T	ND				
237207-572-18	F05 VMG	T	ND				
237207-572-19	F04 VMG	T	ND				
237207-572-20	F03 VMG	T	ND				
237207-572-21	F02 VMG	T	ND				
237207-572-22	F01 VMG	T	ND				

**SAMPLE TYPE CODES**

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

ST - Spore Trap; Zefon,  
 Allergence, Bardard...  
 P - Potable Water  
 NP - Non-Potable Water

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

D - Dust  
 SO - Soil

RECEIVED BY: Chris Miller DATE/TIME: 11/13/09 10:07

DELIVERED BY: BRANDON DUGAN DATE/TIME: 11/16/09 06:35

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

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### REQUESTED SERVICES (BY BOX)

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

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**

Company: MACNORY DAVIS  
 Address: 3685 Mt Diablo #210  
 Special Instructions: Lagayette  
 Contact: ccapoz, T.ica, A. Steinhilber  
 Phone: 9252991140  
 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 Stain	T	ND	
2372-08-572-02	ES1 VMG N	T	ND	

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				
	D - Dust				
	SO - Soil				
	P - Potable Water				
	NIP - Non-Potable Water				
	O - Other:				

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**EMLab P&K**

Report for:

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

Regarding: Project: DGS-BOE; Fire Riser Cabinets 8, 7, 6  
EML ID: 654251

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 05-01-2010

Service SOPs: Spore trap analysis (I100000)

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

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser Cabinets 8, 7, 6

Date of Sampling: 05-01-2010  
 Date of Receipt: 05-01-2010  
 Date of Report: 05-01-2010

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

Location:	2372-501-FRA01: Exterior South		2372-501-FRA02: Floor 8 Ambient SE Stairs		2372-501-FRA03: Floor 8 Containment Fire Riser		2372-501-FRA04: Floor 7 Ambient SE Stairs	
Comments (see below)	A		A		B		B	
Lab ID-Version‡:	2900727-1		2900728-1		2900729-1		2900730-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	2	110						
Aureobasidium								
Basidiospores*	55	2,900						
Bipolaris/Drechslera group								
Chaetomium	1	13						
Cladosporium	12	640						
Curvularia								
Epicoccum								
Fusarium								
Nigrospora	1	13						
Oidium								
Other brown	1	13	1	13				
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	19	250	1	13				
Stachybotrys	2	27						
Stemphylium	1	13						
Torula	6	80						
Ulocladium								
Background debris (1-4+)††	3+		1+		1+		2+	
Hyphal fragments/m3	27		< 13		< 13		< 13	
Pollen/m3	150		13		< 13		13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>4,100</b>		<b>27</b>		<b>&lt; 13</b>		<b>&lt; 13</b>

**Comments:** A) Analysis of replicate sample is delayed. B) No spores detected. Analysis of replicate sample is delayed.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser Cabinets 8, 7, 6

Date of Sampling: 05-01-2010  
 Date of Receipt: 05-01-2010  
 Date of Report: 05-01-2010

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

Location:	2372-501-FRA05: Floor 7 Containment Fire Riser		2372-501-FRA06: Floor 6 Ambient SE Stairs		2372-501-FRA07: Floor 6 Containment Fire Riser		2372-501-FRA08: Exterior West	
Comments (see below)	B		A		B		A	
Lab ID-Version‡:	2900731-1		2900732-1		2900733-1		2900734-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							1	13
Arthrinium								
Ascospores*							3	160
Aureobasidium								
Basidiospores*							30	1,600
Bipolaris/Drechslera group								
Chaetomium								
Cladosporium							13	690
Curvularia								
Epicoccum								
Fusarium								
Nigrospora			1	13				
Oidium							1	13
Other brown								
Penicillium/Aspergillus types†							1	53
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*							105	1,400
Stachybotrys							1	13
Stemphylium								
Torula							13	170
Ulocladium								
Background debris (1-4+)††	1+		3+		2+		3+	
Hyphal fragments/m3	< 13		< 13		< 13		93	
Pollen/m3	< 13		13		< 13		40	
Skin cells (1-4+)	< 1+		1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		< 13		13		< 13		4,100

**Comments:** B) No spores detected. Analysis of replicate sample is delayed. A) Analysis of replicate sample is delayed.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser Cabinets 8, 7, 6

Date of Sampling: 05-01-2010  
 Date of Receipt: 05-01-2010  
 Date of Report: 05-01-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-501-FRA01, Exterior South**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	27	320	58	7	27	230	56
Bipolaris/Drechslera group	-	7	13	130	16	7	13	130	13
Chaetomium	13	7	13	110	13	7	13	120	20
Cladosporium	640	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	13	7	13	190	8	7	13	170	8
Other brown	13	7	13	93	32	7	13	93	34
Penicillium/Aspergillus types	-	25	160	1,600	74	33	210	2,400	85
Stachybotrys	27	7	13	220	4	7	13	270	5
Stemphylium	13	7	13	80	7	7	13	67	9
Torula	80	7	13	170	13	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	110	13	170	6,800	82	13	110	2,000	70
Basidiospores	2,900	13	270	8,800	92	13	210	8,200	93
Oidium	-	7	20	240	24	7	13	190	20
Rusts	-	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	250	7	53	970	75	8	40	510	69
<b>§ TOTAL SPORES/m3</b>	4,100								

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

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

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

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

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

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.

TestAmerica Environmental Microbiology Laboratory, Inc.

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser Cabinets 8, 7, 6

Date of Sampling: 05-01-2010  
 Date of Receipt: 05-01-2010  
 Date of Report: 05-01-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-501-FRA08, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: May				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	13	7	27	320	58	7	27	230	56
Bipolaris/Drechslera group	-	7	13	130	16	7	13	130	13
Chaetomium	-	7	13	110	13	7	13	120	20
Cladosporium	690	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	-	7	13	190	8	7	13	170	8
Other brown	-	7	13	93	32	7	13	93	34
Penicillium/Aspergillus types	53	25	160	1,600	74	33	210	2,400	85
Stachybotrys	13	7	13	220	4	7	13	270	5
Stemphylium	-	7	13	80	7	7	13	67	9
Torula	170	7	13	170	13	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	160	13	170	6,800	82	13	110	2,000	70
Basidiospores	1,600	13	270	8,800	92	13	210	8,200	93
Oidium	13	7	20	240	24	7	13	190	20
Rusts	-	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	1,400	7	53	970	75	8	40	510	69
<b>§ TOTAL SPORES/m3</b>	4,100								

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

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

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

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

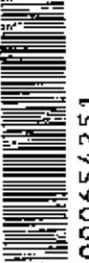
\*\*These fungi are generally not found growing on wet building materials. For example, the rusts and smuts are obligate plant pathogens. However, in each group there are notable exceptions. For example, agents of wood decay are members of the basidiomycetes and high counts of a single morphological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

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.

TestAmerica Environmental Microbiology Laboratory, Inc.



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San Bruno, CA: 1130 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653



000654251

<b>COMPANY INFORMATION</b> Company: <u>MESRIX DAVIS L&amp;L</u> Contact: <u>Corpor; ice; Stenatch; McKinley</u> Phone: <u>925299.1140</u>		<b>CONTACT INFORMATION</b> Address: <u>3685 Mt. Diablo Blvd Ste 210</u> Special Instructions: <u>Infant/Plb; ea; guss</u>	
<b>PROJECT INFORMATION</b> Project ID: <u>D65-BOE</u> Project Desc: <u>Fire Riser Cabinets 8.7lb</u> Project: <u>Sampling</u> Zip Code: <u>501-10</u> PO Number: <u>3372.02-572</u>		<b>TURN-AROUND TIME CODES (TAT)</b> STD - Standard (DEFAULT) ND - Next Business Day SD - Same Business Day Rush <b>WV</b> - Weekend/Holiday Rushes received after 2pm on any weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.	
<b>WEATHER</b> None <input type="checkbox"/> Light <input type="checkbox"/> Moderate <input type="checkbox"/> Heavy <input type="checkbox"/>	Fog <input type="checkbox"/> Rain <input type="checkbox"/> Snow <input type="checkbox"/> Wind <input type="checkbox"/>	Clear <input type="checkbox"/> Cloudy <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
<b>SAMPLE TYPE COPIES</b> BC - BioCassette AT - Andersen SAS - Surface Air Sampler O - Other	CP - Contact Plate ST - Spore Trap: Zeon, Allegenco, Burkard...	T - Tape SW - Swab B - Bulk SD - Soil	D - Dual W - Water
<b>SAMPLE ID</b> 2372 501-FRAD1 2372 501-FRAD2 2372 501-FRAD3 2372 501-FRAD4 2372 501-FRAD5 2372 501-FRAD6 2372 501-FRAD7 2372 501-FRAD8	<b>DESCRIPTION</b> Exterior South Floor 8 Ambient SE Stairs Floor 8 Containment Fire Room Floor 7 Ambient SE Stairs Floor 7 Containment Fire Riser Floor 6 Ambient SE Stairs Floor 6 Containment Fire Riser Exterior West	<b>Sample Type (Below)</b> ST WH ST WH ST WH ST WH ST WH ST WH ST WH ST WH	<b>Total Volume/Area (as applicable)</b> 75 75 75 75 75 75 75 75
<b>NOTES</b> 11:10 12:30		<b>REQUISITIONED BY</b> Sherburne, Ice	
<b>DATE &amp; TIME</b> 5/1/10 12:30		<b>RECEIVED BY</b> Brandon Hedrick	

Fungi - Spore Trap Analysis Spore Trap Analysis - Other particles Direct Microscopic Exam (Qualitative) Quantitative Spore Count Direct Count (Fungi, Bacteria, Viruses, etc.)	Fungi - Spore Trap Analysis Spore Trap Analysis - Other particles Direct Microscopic Exam (Qualitative) Quantitative Spore Count Direct Count (Fungi, Bacteria, Viruses, etc.)
Non-Culturable Spore Trap Spore Swab Tape Bulk	Non-Culturable Spore Trap Spore Swab Tape Bulk
1-Media Surface Fungi (Genus ID - App. spp.) 2-Media Surface Fungi (Genus ID + App. spp.) 3-Media Surface Fungi (Genus ID + App. spp.) Culturable Air Fungi (Genus ID + App. spp.) Gram Stain and Counts (Culturable Air and Surface Bacteria) Logarithmic Culture Local Coliform, E.coli (Presence/Absence) Membrane Filtration (Please specify organism) MPN Bacteria (Please specify organism) Quantitative - Sewage Screen	1-Media Surface Fungi (Genus ID - App. spp.) 2-Media Surface Fungi (Genus ID + App. spp.) 3-Media Surface Fungi (Genus ID + App. spp.) Culturable Air Fungi (Genus ID + App. spp.) Gram Stain and Counts (Culturable Air and Surface Bacteria) Logarithmic Culture Local Coliform, E.coli (Presence/Absence) Membrane Filtration (Please specify organism) MPN Bacteria (Please specify organism) Quantitative - Sewage Screen
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7490) Asbestos Analysis - PLM (EPA method 600/R-53-116) PCB (please specify test)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7490) Asbestos Analysis - PLM (EPA method 600/R-53-116) PCB (please specify test)

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Report for:

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

---

Regarding: Project: DGS-BOE; Floor 7 Supp WDA  
EML ID: 671782

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): 06-23-2010

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

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

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

Document Number: 200091 - Revision Number: 5

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Supp WDA

Date of Sampling: 06-22-2010  
 Date of Receipt: 06-23-2010  
 Date of Report: 06-23-2010

**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‡: 2981376-1: Tape sample 2372-622-C01: Floor 7 cubicle 102 carpet				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2981377-1: Tape sample 2372-622-C02: Floor 7 east hall carpet				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2981378-1: Tape sample 2372-622-F7T01: Floor 7 storage 7a plenum SE GB wall				
Very Heavy	Very few	4+ <i>Cladosporium</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: 2981379-1: Tape sample 2372-622-F7T02: Floor 7 janitor plenum NW GB wall				
Very Heavy	Very few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2981380-1: Tape sample 2372-622-F7T03: Floor 7 janitor plenum ceiling GB				
Very Heavy	Very few	< 1+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores) < 1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Minimal mold growth
Lab ID-Version: 2981373-1: Bulk sample 2372-622-F7B04: Floor 7 janitor plenum NE FP				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2981381-1: Tape sample 2372-622-F7T05: Floor 7 mail 7B plenum SE GB wall				
Heavy	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 2+ <i>Scopulariopsis</i> species (spores, hyphae) 1+ <i>Acremonium</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‡: 2981382-1: Tape sample 2372-622-F7T06: Floor 7 storage 7C plenum ceiling				
Heavy	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) 3+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2981383-1: Tape sample 2372-622-F7T07: Floor 7 men plenum ceiling				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2981384-1: Tape sample 2372-622-F7T08: Floor 7 men plenum NW wall				
Very Heavy	Very few	2+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2981385-1: Tape sample 2372-622-F7T09: Floor 7 women plenum SE ceiling				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2981386-1: Tape sample 2372-622-F7T10: Floor 7 women plenum NE wall				
Very Heavy	Very few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	Very few <i>Chaetomium</i> spores detected.	Mold growth
Lab ID-Version: 2981387-1: Tape sample 2372-622-F7T11: Floor 7 women plenum ceiling				
Very Heavy	Very few	None	Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2981388-1: Tape sample 2372-622-F7T12: Floor 7 column K17 GB plenum				
Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 2981374-1: Bulk sample 2372-622-F7B13: Floor 7 K17 FP plenum				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 2981389-1: Tape sample 2372-622-F7T14: Floor 7 J.5, K.5 plenum GB wall				
Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 2981375-1: Bulk sample 2372-622-F7B15: Floor 7 J18 plenum FP				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	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‡: 2981390-1: Tape sample 2372-622-F7T16: Floor 7 J18 plenum GB wall				
Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping

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

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000671782

REQUESTED SERVICES  
Culturable

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

Other Requests

**CONTACT INFORMATION**

Company: LaCroix Davis, LLC  
Address: 3685 Mt. Diablo Blvd, Ste 210  
City: San Rafael, CA 94579  
Special Instructions: See page 2 of 2

Phone: \_\_\_\_\_

**PROJECT INFORMATION**

Project ID: DG5-BDE  
Project Desc: Floor 7 Supp WDA  
Project: \_\_\_\_\_  
Sampling Date & Time: 6/22/10 PM  
Zip Code: \_\_\_\_\_  
PO Number: 3772.02-572

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

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

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

**SAMPLE INFORMATION**

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-622-001	Floor 7 cubicle 102 Carpet	T	SD		
2372-622-002	Floor 7 <del>restroom</del> Carpet	T	SD		
2372-622-003	Floor 7 Storage TA pleasm SE GRWALL	T	SD		
2372-622-004	Floor 7 Janitor pleasm NW GRWALL	T	SD		
2372-622-005	Floor 7 Janitor pleasm NW GRWALL	T	SD		
2372-622-006	Floor 7 Men pleasm NE FP	T	SD		
2372-622-007	Floor 7 Men pleasm NE GRWALL	T	SD		
2372-622-008	Floor 7 Storage TC pleasm Ceiling	T	SD		
2372-622-009	Floor 7 Men pleasm NW WALL	T	SD		
2372-622-010	Floor 7 Women pleasm NE ceiling	T	SD		
2372-622-011	Floor 7 Women pleasm NE wall	T	SD		

**SAMPLE TYPE CODES**

BC - BioCassette	CP - Contact Plate	D - Day
A15 - Andersen	ST - Spore Trap: 200µm, Allergens, Burkholderia	W - Water
SAS - Surface Air Sampler	B - Bulk	SO - Soil
Q - Other:		

REINQUIRED BY: Thompson

DATE & TIME: 6/22/10

RECEIVED BY: [Signature]

DATE & TIME: 6/22/10 9:20AM

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



REQUESTED SERVICES 000671782

WEATHER		Fog	Rain	Snow	Wind	Cloud
Name	Moderate					
Light	Heavy					
LEVEL						

**CONTACT INFORMATION**  
 Company: **LeCovich Davis, LLC**  
 Address: **3885 Mt. Diablo Blvd Ste 210 Lafayette, CA 94579**  
 Contact: **C. Connor; T. Lee; A. Steinbach; A. McKinley**

**PROJECT INFORMATION**  
 Project ID: \_\_\_\_\_  
 Project Desc: \_\_\_\_\_  
 Project: \_\_\_\_\_  
 Zip Code: \_\_\_\_\_  
 PO Number: \_\_\_\_\_  
 Sampling Date & Time: \_\_\_\_\_

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES	
					(Time of day, Temp, RH, etc.)	
237a-622-F7116	Floor 7 window pleural ceiling	T SD				
237a-622-F7117	Floor 7 ceiling KIT GB pleura	T SD				
237a-622-F7118	Floor 7 KIT FP pleura	P SD				
237a-622-F7114	Floor 7 J15, K5 pleura GB wall	T SD				
237a-622-F7115	Floor 7 J18 pleura FP	P SD				
237a-622-F7116	Floor 7 J16 pleura GB wall	T SD				

SAMPLE TYPE CODES	RELINQUISHED BY				DATE & TIME	
	CP - Contact Plate	SW - Swab	D - Dust	W - Water	SO - Soil	
CP - Contact Plate ST - Spore Trap: Zefon, Allegiance, Burkard... SAS - Surface Air Sampler O - Other:	Theora M. Lee				6/23/10 8:58	

Non-Culturable		Culturable	
Spore Trap	Spore Trap Analysis - Other particle	Spore Trap	Spore Trap Analysis
	Fungi - Spore Trap Analysis		Fungi - Spore Trap Analysis
	Direct Microscopic Exam (Qualitative)		Direct Microscopic Exam (Qualitative)
	Quantitative Spore Count Direct Exam		Quantitative Spore Count Direct Exam
	1-Media Surface Fungi (Genus ID - Ayr. spp.)		1-Media Surface Fungi (Genus ID - Ayr. spp.)
	2-Media Surface Fungi (Genus ID - Ayr. spp.)		2-Media Surface Fungi (Genus ID - Ayr. spp.)
	3-Media Surface Fungi (Genus ID - Ayr. spp.)		3-Media Surface Fungi (Genus ID - Ayr. spp.)
	Culturable Air Fungi (Genus ID - Ayr. spp.)		Culturable Air Fungi (Genus ID - Ayr. spp.)
	Gram Stain and Count (Culturable Air and Surface Bacteria)		Gram Stain and Count (Culturable Air and Surface Bacteria)
	Logistic Culture		Logistic Culture
	Total Coliform, F. coli (Presence/Absence)		Total Coliform, F. coli (Presence/Absence)
	Membrane Filtration (Please specify organism)		Membrane Filtration (Please specify organism)
	MFM Bacteria (Please specify organism)		MFM Bacteria (Please specify organism)
	Quantify - Swage Screen		Quantify - Swage Screen
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH Z49B)		Asbestos Analysis - PCM Airborne Fiber Count (NIOSH Z49B)
	Asbestos Analysis - PLM (EPA method 600/R-93-116)		Asbestos Analysis - PLM (EPA method 600/R-93-116)
	PC II (Please specify test)		PC II (Please specify test)

RECEIVED BY	DATE & TIME
SDU	6/23/10 9:20

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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: DGS BOE; Floor 7  
EML ID: 672076

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): 06-24-2010

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

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

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
 Steinbach  
 Re: DGS BOE; Floor 7

Date of Sampling: 06-23-2010  
 Date of Receipt: 06-23-2010  
 Date of Report: 06-24-2010

**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‡: 2982169-1: Tape sample 2372-623-F7T17: Floor 7 J20 col wall south				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2982170-1: Tape sample 2372-623-F7T18: Floor 7 J19 col wall south				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2982165-1: Bulk sample 2372-623-F7B19: Floor 7 J19 col FP				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2982171-1: Tape sample 2372-623-F7T20: Floor 7 47 col wall east				
Heavy	Very few	None	Very few <i>Chaetomium</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2982172-1: Tape sample 2372-623-F7T21: Floor 7 storage 7C wall NW				
Heavy	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2982173-1: Tape sample 2372-623-F7T22: Floor 7 rm 707 wall south				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2982174-1: Tape sample 2372-623-F7T23: Floor 7 rm 707 wall north				
Moderate	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2982175-1: Tape sample 2372-623-F7T24: Floor 7 men wall NE cavity				
Very Heavy	Very few	1+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2982166-1: Bulk sample 2372-622-F7B31: Floor 7 N23 FP				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2982176-1: Tape sample 2372-622-F7T32: Floor 7 NW PO2 wall plen				
Heavy	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2982167-1: Bulk sample 2372-622-F7B33: Floor 7 O22 FP deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 2982168-1: Bulk sample 2372-622-F7B34: Floor 7 O22 FP col				
Miscellaneous debris	Very few	None	None	Normal trapping

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

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 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:	
Non-Culturable	Culturable

000672076

BioCassette™ Andersen, SA  
 Water, Bulk, Dust, Soil, Contact Plate

**CONTACT INFORMATION**  
 Company: La Croix Davis, LLC  
 Address: 3355 Mt. Diablo Blvd Ste 210  
 City: San Ramon, CA 94583  
 Phone: 925-299-1140  
 Email: email contacts

**PROJECT INFORMATION**  
 Project ID: D4S BDE  
 Project Desc: Floor 7  
 Project: Sampling  
 Date & Time: 6/23/10  
 Zip Code: 94583  
 PO Number: 2372-02-572

Sample ID	Sample Description	Sample Type (Below)	TAT (Above)	Total Volume (Above) (as applicable)	NOTES
2372-622	Floor 7 320 col well south	T	SD		
2372-623	Floor 7 19 col well south	T	SD		
2372-624	Floor 7 19 col FP	B	SD		
2372-625	Floor 7 19 col well east	T	SD		
2372-626	Floor 7 Storage 7C wall NW	T	SD		Core bore
2372-627	Floor 7 Rm 707 wall South	T	SD		
2372-628	Floor 7 Rm 707 wall North	T	SD		
2372-629	Floor 7 Mon wall NE cavity	T	SD		
2372-630	Floor 7 N23 FP	B	SD		
2372-631	Floor 7 NW P02 wall plan	T	SD		
2372-632	Floor 7 023 FP deck	B	SD		
2372-633	Floor 7 022 FP Col	B	SD		

SAMPLE TYPE CODES		REFINISHED BY	DATE & TIME
BC - BioCassette™	ST - Spora Trap; Z-fan, Allergenco, Burkard...	<u>Zhuonaka</u>	<u>6/23/10 16:30</u>
AT - Andersen	P - Potable Water		
SAS - Surface Air Sampler	NP - Non-Potable Water		
CP - Contact Plate	O - Other:		

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

RECEIVED BY	DATE & TIME
<u>[Signature]</u>	<u>6/23/10 16:30</u>

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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: DGS-BOE; Floor 7 Supp WDA  
EML ID: 672634

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): 06-25-2010

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

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
 Steinbach  
 Re: DGS-BOE; Floor 7 Supp WDA

Date of Sampling: 06-24-2010  
 Date of Receipt: 06-25-2010  
 Date of Report: 06-25-2010

**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‡: 2984658-1: Tape sample 2372-624-F7T25: Floor 7 women fountain wall				
Heavy	Very few	None	Moderate amounts of <i>Stachybotrys</i> spores detected.	Mold growth in vicinity?
Lab ID-Version: 2984659-1: Tape sample 2372-624-F7T26: Floor 7 J.5, 22.5 wall				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2984660-1: Tape sample 2372-624-F7T27: Floor 7 W ETE S wall				
Very Heavy	Very few	< 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Minimal mold growth
Lab ID-Version: 2984661-1: Tape sample 2372-624-F7T28: Floor 7 W ETE E wall N				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 2984662-1: Tape sample 2372-624-F7T29: Floor 7 E ETE W wall N				
Moderate	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Alternaria</i> species (spores, hyphae, conidiophores)	None	Mold growth

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

# CHAIN OF CUSTODY

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

**Company:** LaCroix Davis, LLC  
**Contact:** C. Corpuz; T. Ice; A. Steinbach  
**Phone:** 925-299-1140

**Address:** 36895 Mt. Diablo Blvd, Ste 210  
 Lafayette, CA 94549  
**Special Instructions:** email contacts

**PROJECT INFORMATION:**  
**Project ID:** DGS-BOE  
**Project Desc:** Floor 7 Supp WDA  
**Project:** Sampling  
**Date & Time:** 6/24/10  
**Zip Code:**  
**PO Number:** 2372-02-572

**CONTACT INFORMATION:**  
**STANDARD TIME CODES (DAT):**  
 STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day Rush  
 WH - Weekend/Holiday

Sample ID	Description	Sample Type	Total Volume/Amount (Liters)	Notes
2372-624-F7T25	Floor 7 Water Fountain Wall	IF	SD	
2372-624-F7T26	Floor 7 J.5.22-5 well	IF	SD	
2372-624-F7T27	Floor 7 WETE S Wall	IF	SD	
2372-624-F7T28	Floor 7 WETE E Wall N	IF	SD	
2372-624-F7T29	Floor 7 EETE W Wall N	IF	SD	

BC - BioCassette	ST - Spore Trap: Zefon	D - Dust
A15 - Andersen	Allergenco, Burkard...	SW - Swab SO - Soil
SAS - Surface Air Sampler	P - Potable Water	B - Bulk
CP - Contact Plate	NP - Non-Potable Water	O - Other

DATE/TIME	DATE/TIME
6/24/10	

WEATHER	Fog	Rain	Snow	Wind	Clear
None					4
Light					
Moderate					
Heavy					

Non-Culturable	Culturable
Spore Trap	BioCassette - Andersen, SAS, Swab, Water, Buß, Dust, Soil, Contact Plate
Spore	Other Requests
Trap	
Direct Microscopic Exam (Qualitative)	
Quantitative Spore Count (Direct Exam)	
1-Media Surface Fungi (Genus ID + Asp. spp.)	
2-Media Surface Fungi (Genus ID + Asp. spp.)	
3-Media Surface Fungi (Genus ID + Asp. spp.)	
Culturable Air Fungi (Genus ID + Asp. spp.)	
Gram Stain and Counts (Culturable Air and Surface Bacteria)	
Legionella culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MPN Bacteria (Please specify organism)	
QuantumTray - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/10-93-116)	
PCR (please specify test)	

RECEIVED BY	DATE/TIME



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**EMLab P&K**

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Report for:

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

---

Regarding: Project: DGS-BOE; Floor 7 Containments  
EML ID: 673169

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: 06-28-2010

Service SOPs: Spore trap analysis (I100000)

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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

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-27-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-28-2010

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

Location:	2372-627-F7A01: Exterior south		2372-627-F7A02: Floor 7 elev/lobby ambient		2372-627-F7A03: Floor 7 men's containment		2372-627-F7A04: Floor 7 women's containment	
Comments (see below)	None		A		None		None	
Lab ID-Version‡:	2987909-1		2987910-1		2987911-1		2987912-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13			1	13		
Arthrinium								
Ascospores*	4	210						
Aureobasidium								
Basidiospores*	53	2,800	1	53			1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	9	480	9	160	2	110	1	53
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium	1	13						
Other brown			1	13				
Penicillium/Aspergillus types†			1	53				
Pithomyces								
Rusts*	1	13	1	13				
Smuts*, Periconia, Myxomycetes*	59	790	3	40				
Stachybotrys								
Stemphylium								
Torula	1	13	1	13				
Ulocladium								
Background debris (1-4+)††	2+		4+		2+		2+	
Hyphal fragments/m3	40		53		< 13		< 13	
Pollen/m3	110		67		13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>4,400</b>		<b>350</b>		<b>120</b>		<b>110</b>

**Comments:** A) 8 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 *Acronium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-27-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-28-2010

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

Location:	2372-627-F7A05: Floor 7 janitor containment		2372-627-F7A06: Exterior west		2372-627-F7A07: Field blank	
Comments (see below)	None		None		B	
Lab ID-Version‡:	2987913-1		2987914-1		2987915-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13		
Arthrinium						
Ascospores*			3	160		
Aureobasidium						
Basidiospores*			40	2,100		
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	1	53	8	430		
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Oidium						
Other brown						
Penicillium/Aspergillus types†			2	110		
Pithomyces						
Rusts*			2	27		
Smuts*, Periconia, Myxomycetes*	1	13	10	130		
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	2+		2+		None	
Hyphal fragments/m3	< 13		53		< 13	
Pollen/m3	< 13		120		< 13	
Skin cells (1-4+)	< 1+		None		None	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>67</b>		<b>3,000</b>		<b>&lt; 13</b>

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-27-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-28-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-627-F7A01, Exterior south**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	13	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	480	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	-	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	13	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	210	13	230	8,100	83	13	110	2,000	70
Basidiospores	2,800	13	350	20,000	93	13	210	8,400	92
Oidium	13	7	13	230	22	7	13	190	19
Rusts	13	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	790	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	<b>4,400</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.

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-27-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-28-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-627-F7A06, Exterior west**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	13	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	430	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	110	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	-	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	160	13	230	8,100	83	13	110	2,000	70
Basidiospores	2,100	13	350	20,000	93	13	210	8,400	92
Oidium	-	7	13	230	22	7	13	190	19
Rusts	27	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	130	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	<b>3,000</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.

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

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

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

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



Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
 Phoenix, AZ: 1301 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
 San Bruno, CA: 1130 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6653  
 San Diego, CA: 5473 Kearny Villa Road, #130, San Diego, CA 92123 \* (866) 463-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

**CONTACT INFORMATION**

Company: *Cambridge Davis, LLC*  
 Address: *7688 Mt. Diablo Blvd, Ste 210, Lafayette, CA 94554*  
 Contact: *C. Cooper, T. Lee, K. Steinbach, A. Munk*  
 Phone: *925.294.1140*

*Small contracts*

**PROJECT INFORMATION**

Project ID: *DGS - BOE*  
 Project Desc: *Floor 7 Contaminants*  
 Project: *Sampling*  
 Zip Code: *94027*  
 PO Number: *092.02-572*  
 Sampling Date & Time: *6/27/10*

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

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

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

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
<i>2872-627-F7A01</i>	<i>Exterior South</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A02</i>	<i>Floor 7 Elevator Ambient</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A03</i>	<i>Floor 7 Men's Containment</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A04</i>	<i>Floor 7 Women's Containment</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A05</i>	<i>Floor 7 Monitor Containment</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A06</i>	<i>Exterior West</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	
<i>2872-627-F7A07</i>	<i>Field Blank</i>	<i>ST</i>	<i>SD</i>	<i>75</i>	

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME
BC - BioCassette	CP - Contact Plate	T - Tape	D - Dust	<i>Thomase</i>	<i>6/28/10 7:45 AM</i>
A15 - Andersen	ST - Spore Trap: Zefon, Allergenco, Burhard	SW - Swab	W - Water		
SAS - Surface Air Sampler	B - Bulk	SO - Soil	SO - Soil		

**REQUESTED SERVICES**

Non-Culturable: Spore Trap, Direct Microscopic Exam (Qualitative), Quantitative Spore Count Direct Exam

Culturable: 1-Media Surface Fungi (Genus ID + App. spp.), 2-Media Surface Fungi (Genus ID + App. spp.), 3-Media Surface Fungi (Genus ID + App. spp.), Culturable Air Fungi (Genus ID + App. spp.), Grain Seal and Counts (Culturable Air and Surface Bacteria), Logistical culture, Total Coliform, E. coli (Presence/Absence), Membrane Filtration (Please specify organism), MAPN Bacteria (Please specify organism), Quantify - Sewage Screen

BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Pl.

Requested Service	6/27/10 F7 Containments	AIR
Fungi - Spore Trap Analysis	X	
Spore Trap Analysis - Other particles		
Direct Microscopic Exam (Qualitative)		
Quantitative Spore Count Direct Exam		
1-Media Surface Fungi (Genus ID + App. spp.)		
2-Media Surface Fungi (Genus ID + App. spp.)		
3-Media Surface Fungi (Genus ID + App. spp.)		
Culturable Air Fungi (Genus ID + App. spp.)		
Grain Seal and Counts (Culturable Air and Surface Bacteria)		
Logistical culture		
Total Coliform, E. coli (Presence/Absence)		
Membrane Filtration (Please specify organism)		
MAPN Bacteria (Please specify organism)		
Quantify - Sewage Screen		
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)		
Asbestos Analysis - PLM (EPA method 600/R-93-116)		
PCR (please specify test)		

Requested Service	6/28/10	DATE & TIME
1-Media Surface Fungi (Genus ID + App. spp.)		
2-Media Surface Fungi (Genus ID + App. spp.)		
3-Media Surface Fungi (Genus ID + App. spp.)		
Culturable Air Fungi (Genus ID + App. spp.)		
Grain Seal and Counts (Culturable Air and Surface Bacteria)		
Logistical culture		
Total Coliform, E. coli (Presence/Absence)		
Membrane Filtration (Please specify organism)		
MAPN Bacteria (Please specify organism)		
Quantify - Sewage Screen		
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)		
Asbestos Analysis - PLM (EPA method 600/R-93-116)		
PCR (please specify test)		

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at www.emlabpk.com/terms.htm

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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: DGS-BOE; Floor 7 Containments  
EML ID: 673553

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: 06-29-2010

Service SOPs: Spore trap analysis (I100000)

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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.

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

Document Number: 200091 - Revision Number: 5

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-28-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-29-2010

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

Location:	2372-628-F7A01: Exterior SW		2372-628-F7A02: Floor 7 N hall ambient		2372-628-F7A03: Floor 7 rm 707 containment		2372-628-F7A04: Floor 7 N hall/TC containment	
Comments (see below)	None		A		None		None	
Lab ID-Version‡:	2989639-1		2989640-1		2989641-1		2989642-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	7	93						
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	17	910			1	53		
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	1	13						
Cladosporium	15	800						
Curvularia	1	13						
Epicoccum								
Fusarium								
Nigrospora								
Other brown					1	13		
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*	2	27						
Smuts*, Periconia, Myxomycetes*	4	53					1	13
Stachybotrys								
Stemphylium	1	13						
Torula								
Ulocladium								
Background debris (1-4+)††	3+		1+		1+		1+	
Hyphal fragments/m3	27		< 13		13		< 13	
Pollen/m3	40		< 13		13		< 13	
Skin cells (1-4+)	None		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,000</b>		<b>&lt; 13</b>		<b>67</b>		<b>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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-28-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-29-2010

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

Location:	2372-628-F7A05: Floor 7 N hall/TC containment		2372-628-F7A06: Exterior SE	
Comments (see below)	A		None	
Lab ID-Version‡:	2989643-1		2989644-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			6	80
Arthriniium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*			18	960
Bipolaris/Drechslera group				
Botrytis				
Chaetomium			2	27
Cladosporium			19	1,000
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Other brown				
Penicillium/Aspergillus types†			8	430
Pithomyces				
Rusts*			7	93
Smuts*, Periconia, Myxomycetes*			50	670
Stachybotrys				
Stemphylium			1	13
Torula			3	40
Ulocladium				
Background debris (1-4+)††	1+		2+	
Hyphal fragments/m3	13		150	
Pollen/m3	< 13		120	
Skin cells (1-4+)	1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>&lt; 13</b>		<b>3,400</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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-28-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-29-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-628-F7A01, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	93	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	13	7	13	120	14	7	13	120	19
Cladosporium	800	53	680	8,900	97	53	590	7,200	97
Curvularia	13	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	-	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Stemphylium	13	7	13	67	7	7	13	67	9
Torula	-	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	53	13	230	8,100	83	13	110	2,000	70
Basidiospores	910	13	350	20,000	93	13	210	8,400	92
Rusts	27	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	53	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	2,000								

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

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

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

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

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

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-28-2010  
 Date of Receipt: 06-28-2010  
 Date of Report: 06-29-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-628-F7A06, Exterior SE**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	80	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	27	7	13	120	14	7	13	120	19
Cladosporium	1,000	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	430	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Stemphylium	13	7	13	67	7	7	13	67	9
Torula	40	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	53	13	230	8,100	83	13	110	2,000	70
Basidiospores	960	13	350	20,000	93	13	210	8,400	92
Rusts	93	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	670	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	3,400								

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

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

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

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

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

Interpretation of the data contained in this report is left to the client or the persons who conducted the field work. This report is provided for informational and comparative purposes only and should not be relied upon for any other purpose. "Typical outdoor data" are based on the results of the analysis of samples delivered to and analyzed by EMLab P&K and assumptions regarding the origins of those samples. Sampling 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.

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) 888-6663  
 San Diego, CA: 5473 Kearny Villa Road, #130, San Diego, CA 92123 \* (866) 465-6653

WEATHER		Fog	Rain	Snow	Wind	Clear
LEVEL		None				
		Light				
		Moderate				
		Heavy				

**CONTACT INFORMATION**

Company: La Croix Davis, LLC  
 Address: 310 S Mt. Diablo Blvd. Ste 210  
 Special Instructions: San Francisco, CA 94069  
 Contact: A. Steinbach  
 Phone: 925 999-1140

Project ID: DGS-BDE  
 Project Desc.: FLOOR 7 CONTAINMENTS  
 Project Sampling Date & Time: 6/28/10 1500  
 Zip Code: 92123  
 PO Number: 2372-DA-572

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 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.)
2372-628-F7A01	EXTENSION SW	ST	SD	75	
2372-628-F7A02	FLOOR 7 N. Hall Apartment	ST	SD	75	
2372-628-F7A03	FLOOR 7 (SUITE) CONTAINMENT	ST	SD	75	
2372-628-F7A04	FLOOR 7 N. Hall 7C Apartment	ST	SD	75	Room 7C
2372-628-F7A05	FLOOR 7 N. Hall 7C Containment	ST	SD	75	N. Hall Pat Fountain
2372-628-F7A06	EXTENSION SE	ST	SD	75	

SAMPLE TYPE CODES				RELINQUISHED BY	DATE & TIME
BC - BioCassette™	CP - Contact Plate	T - Tape	D - Dust	<i>Shourouk</i>	6/28/10 9:40A
A15 - Andersen	ST - Spore Trap	SW - Swab	W - Water		
SAS - Surface Air Sampler	Perin, Allergenco, Burkard...	B - Bulk	SO - Soil		
O - Other:					

**REQUESTED SERVICES**

BioCassette™, Andersen, SAS, S  
 Water, Bulk, Dust, Soil, Contact

Non-Culturable	Culturable
Spore Trap Analysis - Other particles	Quantitative Spore Count Direct Exam
Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam
Fungi - Spore Trap Analysis	1-Media Surface Fungi (Genus ID + Asp. spp.)
	2-Media Surface Fungi (Genus ID + Asp. spp.)
	3-Media Surface Fungi (Genus ID + Asp. spp.)
	Culturable Air Fungi (Genus ID + Asp. spp.)
	Gram Stain and Counts (Culturable Air and Surface Bacteria)
	Lyophilic Culture
	Total Coliform, E. coli (Presence/Absence)
	Membrane Filtration (Please specify organism)
	MPN Bacteria (Please specify organism)
	Quantitray - Sewage Screen
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7100)
	Asbestos Analysis - PLM (EPA method 600/1-93-116)
	PCR (Please specify test)

RECEIVED BY	DATE & TIME
<i>Shourouk</i>	6/28/10 9:40A

6/28/10 F7 Containments AIR



**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: DGS-BOE; Floor 7 Containments  
EML ID: 674024

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 06-30-2010

Service SOPs: Spore trap analysis (I100000)

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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.

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

Document Number: 200091 - Revision Number: 5

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-29-2010  
 Date of Receipt: 06-30-2010  
 Date of Report: 06-30-2010

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

Location:	2372-629-F7A01: Exterior SW		2372-629-F7A02: Floor 7 elev lobby ambient		2372-629-F7A03: Floor 7 NW PO2 containment		2372-629-F7A04: Floor 7 NE fountain containment	
Comments (see below)	None		None		A		A	
Lab ID-Version‡:	2991719-1		2991720-1		2991721-1		2991722-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	5	67						
Arthrinium								
Ascospores*								
Basidiospores*	13	690						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	7	370						
Curvularia								
Epicoccum	4	53						
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	2	110	2	110				
Pithomyces								
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	22	290						
Stachybotrys								
Stemphylium	1	13						
Torula	1	13						
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	150		< 13		< 13		< 13	
Pollen/m3	130		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,600</b>		<b>110</b>		<b>&lt; 13</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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-29-2010  
 Date of Receipt: 06-30-2010  
 Date of Report: 06-30-2010

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

Location:	2372-629-F7A05: Floor 7 SE PO1 containment		2372-629-F7A06: Floor 7 SE PO2 containment		2372-629-F7A07: Floor 7 storage 7A containment		2372-629-F7A08: Exterior E	
Comments (see below)	None		A		A		B	
Lab ID-Version‡:	2991723-1		2991724-1		2991725-1		2991726-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							2	27
Arthrinium								
Ascospores*							2	110
Aureobasidium								
Basidiospores*							22	1,200
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium							52	1,400
Curvularia								
Epicoccum							1	13
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	1	53						
Pithomyces								
Rusts*							6	80
Smuts*, Periconia, Myxomycetes*							65	870
Stachybotrys	1	13						
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	13		< 13		< 13		120	
Pollen/m3	< 13		< 13		< 13		27	
Skin cells (1-4+)	1+		1+		1+		None	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>67</b>		<b>&lt; 13</b>		<b>&lt; 13</b>		<b>3,700</b>

**Comments:** A) No spores detected. B) 34 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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-29-2010  
 Date of Receipt: 06-30-2010  
 Date of Report: 06-30-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-629-F7A01, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	67	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	370	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Epicoccum	53	7	20	320	32	7	13	160	19
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	110	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Stemphylium	13	7	13	67	7	7	13	67	9
Torula	13	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	-	13	230	8,100	83	13	110	2,000	70
Basidiospores	690	13	350	20,000	93	13	210	8,400	92
Rusts	13	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	290	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	1,600								

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-29-2010  
 Date of Receipt: 06-30-2010  
 Date of Report: 06-30-2010

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-629-F7A08, Exterior E**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	27	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	1,400	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Epicoccum	13	7	20	320	32	7	13	160	19
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	-	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Stemphylium	-	7	13	67	7	7	13	67	9
Torula	-	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	110	13	230	8,100	83	13	110	2,000	70
Basidiospores	1,200	13	350	20,000	93	13	210	8,400	92
Rusts	80	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	870	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	3,700								

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

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

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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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**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: DGS-BOE; Floor 7 Containments  
EML ID: 674608

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 07-01-2010

Service SOPs: Spore trap analysis (I100000)

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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

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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: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-30-2010  
Date of Receipt: 07-01-2010  
Date of Report: 07-01-2010

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

Location:	2372-630-F7A01: Exterior west		2372-630-F7A02: Floor 7 S elev lobby		2372-630-F7A03: Floor 7 storage 7B contain		2372-630-F7A04: Floor 7 W elec/tele contain	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	2993707-1		2993708-1		2993709-1		2993710-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	3	40						
Arthrinium								
Ascospores*	1	53						
Aureobasidium								
Basidiospores*	9	480						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	9	480					1	53
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium	2	27						
Other brown			1	13				
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*	9	120	1	13				
Smuts*, Periconia, Myxomycetes*	51	680						
Stachybotrys								
Stemphylium								
Torula	1	13						
Ulocladium								
Background debris (1-4+)††	3+		3+		3+		2+	
Hyphal fragments/m3	110		< 13		13		< 13	
Pollen/m3	200		< 13		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,900</b>		<b>27</b>		<b>&lt; 13</b>		<b>53</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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-30-2010  
 Date of Receipt: 07-01-2010  
 Date of Report: 07-01-2010

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

Location:	2372-630-F7A05: Floor 7 E elec/tele contain		2372-630-F7A06: Exterior east	
Comments (see below)	None		None	
Lab ID-Version‡:	2993711-1		2993712-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			2	27
Arthrinium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*			10	530
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			16	850
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium			2	27
Other brown	1	13		
Penicillium/Aspergillus types†	1	53	2	110
Pithomyces				
Rusts*			5	67
Smuts*, Periconia, Myxomycetes*			11	150
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	13		80	
Pollen/m3	13		40	
Skin cells (1-4+)	1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>67</b>		<b>1,800</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 sample volumes when evaluating dust levels.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-30-2010  
 Date of Receipt: 07-01-2010  
 Date of Report: 07-01-2010

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-630-F7A01, Exterior west**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	40	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	480	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	-	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	13	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	53	13	230	8,100	83	13	110	2,000	70
Basidiospores	480	13	350	20,000	93	13	210	8,400	92
Oidium	27	7	13	230	22	7	13	190	19
Rusts	120	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	680	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	1,900								

† 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.

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 06-30-2010  
 Date of Receipt: 07-01-2010  
 Date of Report: 07-01-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-630-F7A06, Exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: June				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	27	7	40	390	63	7	27	220	55
Bipolaris/Drechslera group	-	7	13	170	18	7	13	130	13
Chaetomium	-	7	13	120	14	7	13	120	19
Cladosporium	850	53	680	8,900	97	53	590	7,200	97
Curvularia	-	7	13	470	14	7	13	230	7
Nigrospora	-	7	13	130	10	7	13	180	8
Penicillium/Aspergillus types	110	27	180	2,000	74	33	210	2,400	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	-	7	13	170	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	53	13	230	8,100	83	13	110	2,000	70
Basidiospores	530	13	350	20,000	93	13	210	8,400	92
Oidium	27	7	13	230	22	7	13	190	19
Rusts	67	7	13	210	25	7	13	250	26
Smuts, Periconia, Myxomycetes	150	8	53	1,200	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	1,800								

† The Typical Outdoor Data by Date represents the typical outdoor spore levels across North America for the month indicated. The last column represents the frequency of occurrence. The low, medium, and high values represent the 2.5, 50, and 97.5 percentile values of the spore type when it is detected. For example, if the frequency of occurrence is 63% and the low value is 53, it would mean that the given spore type is detected 63% of the time and, when detected, 2.5% of the time it is present in levels above the detection limit and below 53 spores/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.

§ Total Spores/m<sup>3</sup> has been rounded to two significant figures to reflect analytical precision.

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

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

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

Batch 2

CHAIN OF CUSTODY  
www.EMLabPK.com



Cherry Hill, NJ: 1036 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
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 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 889-6653  
 San Diego, CA: 5473 Kearny Villa Road, #130, San Diego, CA 92123 \* (866) 465-6653



000674608

CONTACT INFORMATION

Company: **LA CROIX DAVIS LLC**  
 Address: **3685 Mt. Diablo Blvd Ste 210**  
 Contact: **Conruz; T. Ioe; A. Steinbach**  
 Phone: **925.299.1160**  
 Special Instructions: **insert contracts**

PROJECT INFORMATION  
 Project ID: **DGS-BOE**  
 Project Name: **Floor 7 Containments**  
 Sampling Date & Time: **6/30/10 PM**  
 PO Number: **2372.02-572**

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

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

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-630-ETA01	Extensor West	ST	SD	75	1400 Ambient
2372-630-ETA02	Floor 7 S. Elev Lobby	ST	SD	75	
2372-630-ETA03	Floor 7 Storage 70 Contain	ST	SD	75	
2372-630-ETA04	Floor 7 W. Elev Telco Contain	ST	SD	75	
2372-630-ETA05	Floor 7 E. Elev Telco Contain	ST	SD	75	
2372-630-ETA06	Extensor East	ST	SD	75	1500

BC - BioCassette*	SAMPLE TYPE CODES			DATE & TIME
	CP - Contact Plate	T - Tape	D - Dust	
A1S - Andersen	ST - Spore Trap: Zetron, Allergenco, Baird...	SW - Swab	W - Water	6/30/10 1
SAS - Surface Air Sampler	B - Bulk	SO - Soil		
O - Other:				

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	6/30/10 10:30 PM
<i>[Signature]</i>	6/30/10 11:10 AM

WEATHER	Fog	Rain	Snow	Wind	Clear
Level					
None					
Light					
Moderate					
Heavy					

Non-Culturable	Culturable	Other Requests
Spore Trap	BioCassette - Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	
Fungi - Spore Trap Analysis	1-Media Surface Fungi (Genus ID + Aq. spp.)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Direct Microscopic Exam (Qualitative)	2-Media Surface Fungi (Genus ID + Aq. spp.)	Asbestos Analysis - PLM (EPA method 600/4-93-116)
Quantitative Spore Count Direct Exam	3-Media Surface Fungi (Genus ID + Aq. spp.)	PCIT (Please specify test)
	Culturable Air Fungi (Genus ID + Aq. spp.)	
	Gram Stain and Counts (Culturable Air and Surface Bacteria)	
	Legionella culture	
	Total Coliform, E. coli (Presence/Absence)	
	Membrane Filtration (Please specify organism)	
	MPN Bacteria (Please specify organism)	
	Quant. Tray - Sewage Screen	



**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: DGS-BOE; Floor 7 Containments  
EML ID: 675314

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 07-02-2010

Service SOPs: Spore trap analysis (I100000)

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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.

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

Document Number: 200091 - Revision Number: 5

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 07-01-2010  
 Date of Receipt: 07-02-2010  
 Date of Report: 07-02-2010

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

Location:	2372-701-F7A01: Exterior SW		2372-701-F7A02: Floor 7 SE PO1 containment		2372-701-F7A03: Floor 7 SE ambient		2372-701-F7A04: Exterior SW	
Comments (see below)	None		A		B		B	
Lab ID-Version‡:	2995865-1		2995866-1		2995867-1		2995868-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13					2	27
Arthrinium								
Ascospores*	6	320					3	160
Aureobasidium								
Basidiospores*	16	850					8	430
Bipolaris/Drechslera group								
Botrytis								
Chaetomium	5	67						
Cladosporium	21	1,100					19	1,000
Curvularia								
Epicoccum	1	13						
Fusarium								
Nigrospora								
Oidium	3	40						
Penicillium/Aspergillus types†	3	160			1	53	8	430
Pithomyces								
Rusts*	9	120			1	13	12	160
Smuts*, Periconia, Myxomycetes*	18	240			3	40	16	210
Stachybotrys	3	40						
Stemphylium							1	13
Torula							3	40
Ulocladium								
Background debris (1-4+)††	3+		2+		2+		3+	
Hyphal fragments/m3	53		< 13		40		93	
Pollen/m3	150		13		27		270	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>3,000</b>		<b>&lt; 13</b>		<b>110</b>		<b>2,500</b>

Comments: A) No spores detected. B) Analysis of replicate sample is delayed.

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 7 Containments

Date of Sampling: 07-01-2010  
 Date of Receipt: 07-02-2010  
 Date of Report: 07-02-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-701-F7A01, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	13	7	40	480	66	7	27	220	55
Bipolaris/Drechslera group	-	7	13	250	22	7	13	130	13
Chaetomium	67	7	13	130	15	7	13	120	19
Cladosporium	1,100	53	770	10,000	97	53	590	7,200	97
Curvularia	-	7	27	800	21	7	13	230	7
Epicoccum	13	7	20	280	33	7	13	160	19
Nigrospora	-	7	13	190	15	7	13	180	8
Penicillium/Aspergillus types	160	27	210	2,600	81	33	210	2,400	85
Stachybotrys	40	7	13	360	4	7	13	250	5
Stemphylium	-	7	13	53	6	7	13	67	9
Torula	-	7	13	160	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	320	13	240	6,700	83	13	110	2,000	70
Basidiospores	850	13	400	23,000	94	13	210	8,400	92
Oidium	40	7	13	240	19	7	13	190	19
Rusts	120	7	13	270	24	7	13	250	26
Smuts, Periconia, Myxomycetes	240	7	53	1,900	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	3,000								

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

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

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

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

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

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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: DGS-BOE; Floor 7 Containments

Date of Sampling: 07-01-2010  
 Date of Receipt: 07-02-2010  
 Date of Report: 07-02-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-701-F7A04, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	27	7	40	480	66	7	27	220	55
Bipolaris/Drechslera group	-	7	13	250	22	7	13	130	13
Chaetomium	-	7	13	130	15	7	13	120	19
Cladosporium	1,000	53	770	10,000	97	53	590	7,200	97
Curvularia	-	7	27	800	21	7	13	230	7
Epicoccum	-	7	20	280	33	7	13	160	19
Nigrospora	-	7	13	190	15	7	13	180	8
Penicillium/Aspergillus types	430	27	210	2,600	81	33	210	2,400	85
Stachybotrys	-	7	13	360	4	7	13	250	5
Stemphylium	13	7	13	53	6	7	13	67	9
Torula	40	7	13	160	15	7	13	160	12
<b>Seldom found growing indoors**</b>									
Ascospores	160	13	240	6,700	83	13	110	2,000	70
Basidiospores	430	13	400	23,000	94	13	210	8,400	92
Oidium	-	7	13	240	19	7	13	190	19
Rusts	160	7	13	270	24	7	13	250	26
Smuts, Periconia, Myxomycetes	210	7	53	1,900	79	8	40	510	68
<b>§ TOTAL SPORES/m3</b>	2,500								

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

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

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

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

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

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

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 Phone: **975 299 1140**

Address: **3685 Mt. Diablo Blvd #210**  
 Special Instructions: **copy to: CA 94529 email contacts**

Project ID: **D4S - BOE**  
 Project Desc: **Floor 7 Contaminants**  
 Project: **Sampling**  
 Zip Code: **94010**  
 PO Number: **2372.02-572**

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

Sample ID	Location	Matrix	Volume (mL)	Temp (°C)	Notes
2372.701-FTA01	Exterior SW	ST	SD	75	
2372.701-FTA02	Floor 7 BEP1 Containment	ST	SD	75	
2372.701-FTA03	Floor 7 SE Ambient	ST	SD	75	
2372.701-FTA04	Exterior SW	ST	SD	75	

BC - BioCassette™	ST - Spore Trap, Zefon, Allergenco, Burkard...	T - Tape	D - Dust
AIS - Andersen	P - Portable Water	SW - Swab	SO - Soil
SAS - Surface Air Sampler	NP - Non-Portable Water	B - Bulk	D - Other
CP - Contact Plate			

RELINQUISHED BY: **[Signature]**  
 DATE/TIME: **7/10/10 7:45**

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

Method	7/1/10	F7	Containments	AIR
Spore Trap				
Direct Microscopic Exam				
Quantitative Spore Count				
1-Media Surface Fungi				
2-Media Surface Fungi				
3-Media Surface Fungi				
Culturable Air Fungi				
Gram Stain and Counts				
Legionella culture				
Total Coliform, E.coli				
Membrane Filtration				
MPN Bacteria				
Quant. Tray - Sewage Screen				
Asbestos Analysis - PCM				
Asbestos Analysis - PLM				
PCR				

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at [www.emlabpk.com/terms.html](http://www.emlabpk.com/terms.html)