

**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: 2372.02-572; DGS-BOE Janitor Rooms  
EML ID: 577870

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 09-03-2009

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

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

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

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

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

Date of Submittal: 09-03-2009  
 Date of Receipt: 09-03-2009  
 Date of Report: 09-03-2009

**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‡: 2562893-1: Tape sample 2372-901-F1001: Floor 10 janitor room				
Moderate	Very few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ Colorless spores typical of <i>Penicillium/Aspergillus</i> (spores, hyphae)	None	Mold growth
Lab ID-Version: 2562894-1: Tape sample 2372-901-F1002: Floor 10 janitor room				
Very Heavy	Very few	1+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562895-1: Tape sample 2372-901-F903: Floor 9 janitor room				
Very Heavy	Very few	1+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562896-1: Tape sample 2372-901-F904: Floor 9 janitor room				
Moderate	Very few	4+ <i>Alternaria</i> species (spores, hyphae, conidiophores) < 1+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562897-1: Tape sample 2372-901-F805: Floor 8 janitor room				
Moderate	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562898-1: Tape sample 2372-902-F601: Floor 6 janitor room				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2562899-1: Tape sample 2372-902-F602: Floor 6 janitor room				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping
Lab ID-Version: 2562900-1: Tape sample 2372-902-F503: Floor 3 janitor room				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	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‡: 2562901-1: Tape sample 2372-902-F404: Floor 4 janitor room				
Heavy	Very few	4+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562902-1: Tape sample 2372-902-F305: Floor 3 janitor room				
Heavy	Very few	3+ <i>Stachybotrys</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 2562903-1: Tape sample 2372-902-F206: Floor 2 janitor room				
Very Heavy	Very few	None	Heavy amounts of dark amorphous particles detected, not biological in appearance.	Normal trapping

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

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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6553

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						

REQUESTED SERVICES:  
 Culturable

BioCassette™ Andersen, 5  
 Water, Bulk, Dust, Soil, Cu

000577870

Non-Culturable  
 Spore Trap  
 Type Swab  
 Bulk

Spore Trap Analysis	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.)	Culturable Air and Counts (Culturable Air and Surface Bacteria)	Typical culture	Total Coliform, E. coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MFN Bacteria (Please specify organism)	Quantil Tray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (Please specify test)
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

RECEIVED BY	DATE & TIME
<i>[Signature]</i>	9/1/09

## CONTACT INFORMATION

Company: La Croix Davis  
 Address: 3085 Mt. Diablo Rd Lafayette CA 94509  
 Contact: Plum's Carpentry, Ted & Andy Steiner  
 Phone: 925-299-1140  
 Please email contacts

## TURN AROUND TIMES CODES - (TAT)

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

## PROJECT INFORMATION

Project ID: 2372-02-572  
 Project Dir.: DGS-BOE Janitor Rooms  
 Project: Sampling 9/1 & 9/2/09  
 Zip Code: \_\_\_\_\_  
 PO Number: \_\_\_\_\_

Sample ID	Description	Sample Type (Bio Lab)	TAT (Days)	Total Volume/Avail (as applicable)	NOTES (Time of day, Temp, RH, etc.)
2372-901-F1001	Floor 10 Janitor Room	T	SD	0	PM
2372-901-F1002	Floor 10 Janitor Room	T	SD	0	
2372-901-F903	Floor 9 Janitor Room	T	SD	0	
2372-901-F904	Floor 9 Janitor Room	T	SD	0	
2372-901-F805	Floor 8 Janitor Room	T	SD	0	
2372-902-F601	Floor 6 Janitor Room	T	SD	0	
2372-902-F602	Floor 6 Janitor Room	T	SD	0	
2372-902-F503	Floor 5 Janitor Room	T	SD	0	
2372-902-F404	Floor 4 Janitor Room	T	SD	0	
2372-902-F305	Floor 3 Janitor Room	T	SD	0	
2372-902-F206	Floor 2 Janitor Room	T	SD	0	

SAMPLE TYPE CODES	REQUISITIONED BY	DATE & TIME
BC - BioCassette™ AT5 - Andersen SAS - Surface Air Sampler CP - Contact Plate	<i>[Signature]</i>	9/1/09

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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

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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', written in a cursive style.

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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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?

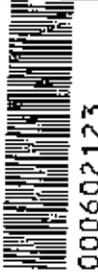
Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 2669937-1: Tape sample 2372-1113-FS1T26: FS1 VMG N				
Heavy	Very few	4+ <i>Gliomastix</i> -like species (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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 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 • (866) 888-6653



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: *92579*  
 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)	TA (Above)	Total Volume/Area (As applicable)	NOTES
112-FS1201	F11 Water Stain W	T	ND		
112-FS1202	F12 Water Stain W	T	ND		
112-FS1203	F13 Water Stain W	T	ND		
112-FS1204	F14 Water Stain W	T	ND		
112-FS1205	F15 Water Stain W	T	ND		
112-FS1206	F16 Water Stain W	T	ND		
112-FS1207	F17 Water Stain W	T	ND		
112-FS1208	F18 Water Stain W	T	ND		
112-FS1209	F19 Water Stain W	T	ND		
112-FS1210	F20 Water Stain W	T	ND		
112-FS1211	F21 Water Stain W	T	ND		
112-FS1212	F22 Water Stain W	T	ND		

**SAMPLE TYPE CODES**

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

**REUNQUISHED BY** *J. M. Davis* **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	Quantitative Spore Count Direct Exam	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Trap	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count
	Spore Trap Analysis - Other particles	Quantitative Spore Count Direct Exam
	Spore Trap Analysis	Quantitative Spore Count Direct Exam
	1-Media Surface Fungi (Genus ID + Asp. spp.)	1-Media Surface Fungi (Genus ID + Asp. spp.)
	2-Media Surface Fungi (Genus ID + Asp. spp.)	2-Media Surface Fungi (Genus ID + Asp. spp.)
	3-Media Surface Fungi (Genus ID + Asp. spp.)	3-Media Surface Fungi (Genus ID + Asp. spp.)
	Culturable Air Fungi (Genus ID + Asp. spp.)	Culturable Air Fungi (Genus ID + Asp. spp.)
	Gram Stain and Counts (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

**REQUESTED SERVICES (BY BOX)**

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

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**

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

**PROJECT INFORMATION**

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

**TURN AROUND TIME CODES (TAT)**

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

Sample ID	Description	Sample Type (Flow)	Volume/Area (if applicable)	Notes
2372-08-572-01	ES2 Water Station	T ND		
2372-08-572-02	ES1 VMS N	T ND		

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

RELINQUISHED BY	DATE/TIME
<u>Macnory Davis</u>	<u>11/13/09 16:55</u>

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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 3,4,5 and SE Hall 1  
EML ID: 656636

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 05-08-2010

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 3,4,5 and SE Hall 1

Date of Sampling: 05-08-2010  
 Date of Receipt: 05-08-2010  
 Date of Report: 05-08-2010

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

Location:	2372-508-A01: SW Exterior		2372-508-A02: Floor 5 SE Stairs Ambient		2372-508-A03: Floor 5 SE FR Containment		2372-508-A04: Floor 4 SE Stairs Ambient	
Comments (see below)	A		A		B		A	
Lab ID-Version‡:	2911664-1		2911665-1		2911666-1		2911667-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	3	40						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	17	910	2	110			1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium							1	13
Cladosporium	5	270	2	110				
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other brown								
Penicillium/Aspergillus types†	2	110						
Pithomyces								
Rusts*							2	27
Smuts*, Periconia, Myxomycetes*	11	150					2	27
Stachybotrys								
Stemphylium			1	13				
Torula	3	40						
Ulocladium								
Background debris (1-4+)††	2+		3+		1+		3+	
Hyphal fragments/m3	93		13		< 13		< 13	
Pollen/m3	67		27		< 13		27	
Skin cells (1-4+)	< 1+		2+		< 1+		3+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,500</b>		<b>230</b>		<b>&lt; 13</b>		<b>120</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 3,4,5 and SE Hall 1

Date of Sampling: 05-08-2010  
 Date of Receipt: 05-08-2010  
 Date of Report: 05-08-2010

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

Location:	2372-508-A05: Floor 4 SE FR Containment		2372-508-A06: Floor 3 SE Stairs Ambient		2372-508-A07: Floor 3 SE FR Containment		2372-508-A08: Floor 1 SE Hall Ambient	
Comments (see below)	A		A		A		A	
Lab ID-Version‡:	2911668-1		2911669-1		2911670-1		2911671-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria							1	13
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	1	53	1	53	1	53	2	110
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium			1	53				
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other brown	1	13					1	13
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*			1	13			1	13
Smuts*, Periconia, Myxomycetes*			2	27	2	27	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		3+		1+		3+	
Hyphal fragments/m3	13		27		< 13		13	
Pollen/m3	< 13		< 13		13		< 13	
Skin cells (1-4+)	< 1+		2+		< 1+		2+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>67</b>		<b>150</b>		<b>80</b>		<b>160</b>

Comments: A) Analysis of replicate sample is delayed.

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

† The spores of *Aspergillus* and *Penicillium* (and others such as *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 3,4,5 and SE Hall 1

Date of Sampling: 05-08-2010  
 Date of Receipt: 05-08-2010  
 Date of Report: 05-08-2010

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

Location:	2372-508-A09: Floor 1 SE Hall E Containment		2372-508-A10: SE Exterior	
Comments (see below)	A		A	
Lab ID-Version‡:	2911672-1		2911673-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			3	40
Arthrinium				
Ascospores*			3	160
Aureobasidium				
Basidiospores*	1	53	20	1,100
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			7	370
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora			1	13
Other brown				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*			8	110
Smuts*, Periconia, Myxomycetes*			53	710
Stachybotrys				
Stemphylium				
Torula			6	80
Ulocladium				
Background debris (1-4+)††	4+		2+	
Hyphal fragments/m3	< 13		110	
Pollen/m3	13		160	
Skin cells (1-4+)	1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>53</b>		<b>2,500</b>

**Comments:** A) Analysis of replicate sample is delayed.

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

† The spores of *Aspergillus* and *Penicillium* (and others such as *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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser 3,4,5 and SE Hall 1

Date of Sampling: 05-08-2010  
 Date of Receipt: 05-08-2010  
 Date of Report: 05-08-2010

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-508-A01, SW Exterior**

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	40	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	270	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	-	7	13	190	8	7	13	170	8
Penicillium/Aspergillus types	110	25	160	1,600	74	33	210	2,400	85
Stachybotrys	-	7	13	220	4	7	13	270	5
Torula	40	7	13	170	13	7	13	150	12
<b>Seldom found growing indoors**</b>									
Ascospores	-	13	170	6,800	82	13	110	2,000	70
Basidiospores	910	13	270	8,800	92	13	210	8,200	93
Rusts	-	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	150	7	53	970	75	8	40	510	69
<b>§ TOTAL SPORES/m3</b>	<b>1,500</b>								

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Fire Riser 3,4,5 and SE Hall 1

Date of Sampling: 05-08-2010  
 Date of Receipt: 05-08-2010  
 Date of Report: 05-08-2010

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-508-A10, SE Exterior**

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	40	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	370	40	530	7,300	95	53	610	7,100	97
Curvularia	-	7	13	350	9	7	13	230	7
Nigrospora	13	7	13	190	8	7	13	170	8
Penicillium/Aspergillus types	-	25	160	1,600	74	33	210	2,400	85
Stachybotrys	-	7	13	220	4	7	13	270	5
Torula	80	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	1,100	13	270	8,800	92	13	210	8,200	93
Rusts	110	7	20	280	25	7	13	260	27
Smuts, Periconia, Myxomycetes	710	7	53	970	75	8	40	510	69
<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.

# CHAIN OF CUSTODY EMLab P&K

www.EMLabPK.com

Cherry Hill, NJ 1936 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) 888-6653

### CONTACT INFORMATION

Company: **LA Croix Davis, LLC**  
 Address: **7085 Mt. Diablo Blvd Ste 210 Lafayette, CA 94549**  
 Contact: **Tracy A Stembach, AM/AN/EN**  
 Phone: **925.249.1140**  
 Special Instructions: **mail contacts**

### PROJECT INFORMATION

Project ID: **DGS-BDE**  
 Project Desc: **Fire Riser 745 + SE Hall 1**  
 Project: **Sampling**  
 Zip Code: **Date & Time: 5/8/10 10**  
 PO Number: **2372.02-512**

### 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.)
2372-508-A01	SW Exterior	ST	WH	75	10
2372-508-A02	Floor 5 SE Stairs Ambient	ST	WH	75	
2372-508-A03	Floor 5 SE FR Containment	ST	WH	75	
2372-508-A04	Floor 4 SE Stairs Ambient	ST	WH	75	
2372-508-A05	Floor 4 SE FR Containment	ST	WH	75	
2372-508-A06	Floor 3 SE Stairs Ambient	ST	WH	75	
2372-508-A07	Floor 3 SE FR Containment	ST	WH	75	
2372-508-A08	Floor 1 SE Hall Ambient	ST	WH	75	
2372-508-A09	Floor 1 SE Hall Containment	ST	WH	75	
2372-508-A10	SE Exterior	ST	WH	75	12

### SAMPLE TYPE CODES

BC - BioCassette	T - Tape	D - Dust
A15 - Andersen	SW - Swab	SO - Soil
SAS - Surface Air Sampler	P - Potable Water	
CP - Contact Plate	NP - Non-Potable Water	O - Other

### RELINQUISHED BY

*Therese*  
 5/8/10 12:20

### RECEIVED BY

*M. D'Amico*  
 5/8/10 12:15 PM  
 5/8/10 1300

### DATE & TIME

### REQUESTED SERVICES

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

000656636

Fungus - Spore Trap Analysis	
Fungus - 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)	
Legionella culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MPN Bacteria (Please specify organism)	
Quantitray - Sewage Screen	
Adbestos Analysis - PCM (EPA method 600/R-93-116)	
Adbestos Analysis - PCM (NIOSH 7400)	
PCR (Please specify test)	



## 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 5  
EML ID: 745863

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): 01-25-2011 to 01-25-2011

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

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS BOE; Floor 5

Date of Sampling: 01-24-2011  
 Date of Receipt: 01-25-2011  
 Date of Report: 01-25-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3300794-1: Tape sample 2372-124-F5T01: Men's plen SW, GB ceiling				
Very Heavy	Very few	3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3300790-1: Bulk sample 2372-124-F5B02: Men's plen SW, FP deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3300795-1: Tape sample 2372-124-F5T03: Men's plen W, GB wall				
Moderate	Few	None	None	Normal trapping
Lab ID-Version: 3300791-1: Bulk sample 2372-124-F5B04: Men's plen NE, FP beam				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3300792-1: Bulk sample 2372-124-F5B05: Men's plen Ctr, FP deck				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3300796-1: Tape sample 2372-124-F5T06: Women's plen Ctr, GB ceiling				
Moderate	Very few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3300797-1: Tape sample 2372-124-F5T07: Women's plen SW, GB wall				
Light	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 1+ <i>Alternaria</i> species (spores, hyphae)	None	Mold growth
Lab ID-Version: 3300798-1: Tape sample 2372-124-F5T08: Janitor plen ctr, GB ceiling				
Moderate	Variety	None	None	Normal trapping
Lab ID-Version: 3300793-1: Bulk sample 2372-124-F5B09: Janitor plen N, FP				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3300799-1: Tape sample 2372-124-F5T10: Storage 5B, plen GB wall				
Moderate	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3300800-1: Tape sample 2372-124-F5T11: Storage 5B, plen GB wall				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3300801-1: Tape sample 2372-124-F5T12: Storage 5C, plen GB ceiling				
Moderate	Very few	4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores) 2+ <i>Cladosporium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3300802-1: Tape sample 2372-124-F5T13: Storage 5C plen, ctr GB ceiling				
Moderate	Very few	4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 4+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3300803-1: Tape sample 2372-124-F5C01: Cube 63 grid 26 carpet stains-surface of carpet				
Light	Very few	4+ <i>Aspergillus</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".

Cherry Hill, NJ: 1936 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) 888-6653

1 of 2

Company: **LACROIX DAVIS, LLC**  
 Contact: **C. Carpuz; Trice; A. Steinhilber; A. Mackelway**  
 Phone: **925.299.1140**

Address: **3605 Mt. Diablo Blvd. Ste 200**  
 Special Instructions: **Aspen Grove, CA 94516**

Project ID: **DGS BOE**  
 Project Desc.: **Flock S**  
 Project: **Flock S**  
 Zip Code: **92511**  
 PO Number: **2372-02-572-**

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

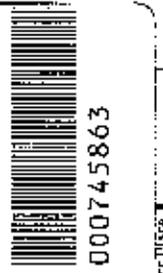
DATE	TIME	LOCATION	TYPE	STATUS
12/21/11	10:00	Men's Plan SW	GB ceiling	T
12/21/11	10:00	Men's Plan SW	FP deck	B
12/21/11	10:00	Men's Plan W	GB wall	T
12/21/11	10:00	Men's Plan NE	FP beam	B
12/21/11	10:00	Women's Plan CH	FP deck	B
12/21/11	10:00	Women's Plan CH	GB ceiling	T
12/21/11	10:00	Women's Plan SW	GB wall	T
12/21/11	10:00	Women's Plan CH	GB ceiling	T
12/21/11	10:00	Women's Plan N	FP	B
12/21/11	10:00	Storage 5B	Plan GB wall	T
12/21/11	10:00	Storage 5B	Plan GB wall	T
12/21/11	10:00	Storage 5C	Plan GB ceiling	T

DATE	TIME	LOCATION	TYPE	STATUS
12/21/11	10:00	Men's Plan SW	GB ceiling	T
12/21/11	10:00	Men's Plan SW	FP deck	B
12/21/11	10:00	Men's Plan W	GB wall	T
12/21/11	10:00	Men's Plan NE	FP beam	B
12/21/11	10:00	Women's Plan CH	FP deck	B
12/21/11	10:00	Women's Plan CH	GB ceiling	T
12/21/11	10:00	Women's Plan SW	GB wall	T
12/21/11	10:00	Women's Plan CH	GB ceiling	T
12/21/11	10:00	Women's Plan N	FP	B
12/21/11	10:00	Storage 5B	Plan GB wall	T
12/21/11	10:00	Storage 5B	Plan GB wall	T
12/21/11	10:00	Storage 5C	Plan GB ceiling	T

BC - BioCessate	ST - Spore Trap; Zefon, Allergence, Burkard...	T - Tape	D - Disc
A15 - Andersen	P - Potable Water	SW - Swab	SO - Soil
SAS - Surface Air Sampler	NP - Non-Potable Water	B - Bulk	O - Other
CP - Contact Plate			

RECEIVED BY: **Sharon Miller**  
 DATE: **1/28/11 9:34**

RECEIVED BY: **SMA**  
 DATE: **1/25/11 9:35 AM**



000745863  
 BioCessate™ Andersen, SAS,  
 Water, Bulk, Dust, Soil, Contact/Plat

Non-Culturable	Culturable
Spore Trap	1-Media Surface Fungi (Genus ID + Asp. spp.)
Trap	2-Media Surface Fungi (Genus ID + Asp. spp.)
Swab	3-Media Surface Fungi (Genus ID + Asp. spp.)
Bulk	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)
	QuantTray - Sewage Screen
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Asbestos Analysis - PLM (EPA method 600/R-93-116)
	PCR (please specify test)

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984 *2 & 2*  
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6653

Company: *LeClerc Davis, LLC*  
 Contact: *C. Lopez, T. Rice, A. Stember, M. W. ...*  
 Phone: *925.299.1160*

Address: *3685 Mt. Diablo Blvd, Ste. 210, Lafayette, CA 94509*  
 Special Instructions: *LeClerc Davis, LLC*

Project ID: *DG5-BDE*  
 Project Desc.: *Floor 5*  
 Project: *Floor 5*  
 Zip Code: *94509*  
 PO Number: *2372.02-572*

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

DATE OF COLLECTION: *12/24/11*  
 DATE OF ANALYSIS: *12/24/11*  
 TIME OF ANALYSIS: *9:00 AM*  
 SAMPLE LOCATION: *272-124-FT13 Storage-5c plan, Ctr 40 central T SD*  
 SAMPLE ID: *272-124-FT101 Cubicle 26 carpet stain T SD*  
 NOTES: *surface of carpet*

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

Request for Service  
 000745863  
 BioCassette™, Andersen, SAS, S  
 Water, Bulk, Dust, Soil, Contact Probe

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

ACQUISITION CODE	DATE/TIME
ST - Spore Trap; Zefon, Allergenco, Burkard...	<i>1/25/11 9:00</i>
SW - Swab	
B - Bulk	
NP - Non-Potable Water	
CP - Contact Plate	

ACQUISITION CODE: *Thermistor*  
 DATE/TIME: *1/25/11 9:00*



## EMLab P&K

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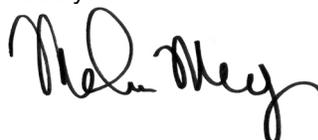
Report for:

**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 5  
EML ID: 746309

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 01-26-2011 and 01-26-2011

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

---

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 01-25-2011  
 Date of Receipt: 01-26-2011  
 Date of Report: 01-26-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3302700-1: Tape sample 2372.124.F5 C02: Grid 25 Cube 59 carpet Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302701-1: Tape sample 2372.124.F5 C03: Grid 7 cube 43 carpet Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302702-1: Tape sample 2372.124.F5 C04: Grid 2 cube 90 carpet Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302703-1: Tape sample 2372.124.F5 C05: Grid 3 cube 88 carpet Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302704-1: Tape sample 2372.124.F5 C06: Grid 5/11 cube 29 carpet Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302705-1: Tape sample 2372.124.F5 C07: Grid 24 cube 6 carpet Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302706-1: Tape sample 2372.124.F5 T14: Janitor wall N stain Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302707-1: Tape sample 2372.124.F5 T15: Janitor ceiling ctr stain Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3302708-1: Tape sample 2372.124.F5 T16: K17 gb above ceiling Moderate	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3302709-1: Tape sample 2372.124.F5 T17: N17 gb above ceiling				
Moderate	Very few	None	None	Normal trapping

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

Cherry Hill, NJ: 1956 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6653

Company: **LaVoix Davis, LLC**  
Contact: **C. Corpuz; T. Ice; A. Smebach; A. McKinley**  
Address: **3085 Mt. Diablo Blvd. Ste 210 Lafayette, CA 94549**  
Phone: **925-299-1140**

Project ID: **DGS-00E**  
Project Desc: **Floor 5**  
Project: **Sampling**  
Date & Time: **1/25/11**  
Zip Code:  
PO Number: **2372.02-57A**

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

None	Light	Moderate	Heavy
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Fog	Rain	Snow	Wind	Clear
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

PROJECT INFORMATION  
PROJECT LOCATION  
PROJECT CONTACT

PROJECT INFORMATION  
PROJECT LOCATION  
PROJECT CONTACT

BC - Bio-Cassette	ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	D - Dust
2372-124-F5 C02 Grid 65 Cube 59 Carpet	T	SD	
2372-124-F5 C03 Grid 7 Cube 49 Carpet	T	SD	
2372-124-F5 C04 Grid 2 Cube 90 Carpet	T	SD	
2372-124-F5 C05 Grid 3 Cube 88 Carpet	T	SD	
2372-124-F5 C06 Grid 511 Cube 29 Carpet	T	SD	
2372-124-F5 C07 Grid 24 Cube 6 Carpet	T	SD	
2372-124-F5 T14 Janitor Wall N Stair	T	SD	
2372-124-F5 T15 Janitor Ceiling Cor Stair	T	SD	
2372-124-F5 T16 K17 GR above Ceiling	T	SD	
2372-124-F5 T17 N17 GR above Ceiling	T	SD	
2372-124-F5			
2372-124-F5			

ATIS - Andersen	SW - Swab	SO - Soil
SAS - Surface Air Sampler	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:

Thompson

1/25/11 10:00 AM

Drop Box C Schote

1/26/11 Jan

Barcode: 000746309

Non-Circulable: Spore Trap

Cult: BioCassette™, And Water, Bulk, Dust

Spore Trap Analysis - Other particles	X
Direct Microscopic Exam (Qualitative)	X
Quantitative Spore Count Direct Exam	X
1-Media Surface Fungi (Genus ID + Asp. spp.)	X
2-Media Surface Fungi (Genus ID + Asp. spp.)	X
3-Media Surface Fungi (Genus ID + Asp. spp.)	X
Culturable Air Fungi (Genus ID + Asp. spp.)	X
Green Stain and Counts (Culturable Air and Surface Bacteria)	X
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)	



**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 5  
EML ID: 746833

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 01-27-2011

Service SOPs: Spore trap analysis (1038)

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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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-28-2011

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

Location:	2372-126-F5A01: Exterior south level 3	2372-126-F5A02: Floor 5 freight elevator hall, at room 529 door	2372-126-F5A03: Floor 5 rm 529 cube 63	2372-126-F5A04: Floor 5 rm 529 cube 59	2372-126-F5A05: Exterior north	
Comments (see below)	A	None	None	None	None	
Lab ID-Version‡:	3304786-1	3304787-1	3304788-1	3304789-1	3304790-1	
	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	raw ct. spores/m3	
Alternaria						
Arthrinium						
Ascospores*	11 590				6 240	
Aureobasidium						
Basidiospores*	4 170				11 230	
Bipolaris/Drechslera group						
Cercospora					2 27	
Chaetomium						
Cladosporium	6 320				6 320	
Curvularia						
Epicoccum						
Fusarium						
Nigrospora						
Other colorless	1 13					
Penicillium/Aspergillus types†	18 240		3 160	1 53		
Pithomyces						
Rusts*		1 13				
Smuts*, Periconia, Myxomycetes*	4 53				8 110	
Stachybotrys						
Stemphylium					1 13	
Torula						
Background debris (1-4+)††	2+	3+	1+	1+	3+	
Hyphal fragments/m3	< 13	< 13	< 13	< 13	13	
Pollen/m3	550	< 13	< 13	< 13	67	
Skin cells (1-4+)	< 1+	2+	1+	1+	1+	
Sample volume (liters)	75	75	75	75	75	
<b>§ TOTAL SPORES/m3</b>		<b>1,400</b>	<b>13</b>	<b>160</b>	<b>53</b>	<b>930</b>

**Comments:** A) The 18 raw count *Penicillium/Aspergillus* type spores were present as a single clump.

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

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

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

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

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for 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 5

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-28-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-126-F5A01, Exterior south level 3**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	320	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Other colorless	13	7	13	320	4	7	13	110	4
Penicillium/Aspergillus types	240	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Stemphylium	-	7	13	67	2	7	13	67	8
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	590	7	110	2,200	59	13	110	2,100	70
Basidiospores	170	13	210	9,800	84	13	210	8,900	92
Cercospora	-	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	53	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	1,400								

† 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.

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-28-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-126-F5A05, Exterior north**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	320	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Other colorless	-	7	13	320	4	7	13	110	4
Penicillium/Aspergillus types	-	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Stemphylium	13	7	13	67	2	7	13	67	8
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	240	7	110	2,200	59	13	110	2,100	70
Basidiospores	230	13	210	9,800	84	13	210	8,900	92
Cercospora	27	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	110	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	930								

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

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

Company: **LaGron Davis, Inc**  
 Contact: **C. Carpuz, T. Ice, A. Strimbeck, A. McKinley**  
 Phone: **925.289.1140**

Address: **3685 Mt. Diablo Blvd. Ste 210**  
 Special Instructions: **Lafayette, CA 94549**  
**Email Contact**

Project ID: **DG5-BOE**  
 Project Desc.: **Floor 5**  
 Project: **Sampling**  
 Date & Time: **1/26/11**  
 Zip Code:  
 PO Number: **2372.02-572**

STD - Standard (DEFAULT)  
 ND - Not Business Day  
 SD - Same Business Day Rush  
 WH - Weekend/Holiday

Sample ID	Location	Depth	Notes
2372-126-F5A01	Exterior South Level 3	ST STD 75	
2372-126-F5A02	Floor 5 Freight Elevator Hall	ST STD 75	at Power 529 door
2372-126-F5A03	Floor 5 Rubber Lake Bay	ST STD 75	
2372-126-F5A04	Floor 5 RM 529 cage 5A	ST STD 75	
2372-126-F5A05	Exterior North	ST STD 75	

None	Fog	Rain	Snow	Wind	Clear
Light					
Moderate					
Heavy					

Barcode: 000746833

Non-Culturable: Tape, Swab, Bulk

Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Place

Analysis Type	Result
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)	
Langmuir culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MFT Bacteria (Please specify organism)	
QuantTray - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	
PCR (Please specify test)	

Sample ID	Sample Type	Time
2372-126-F5A01	ST - Spore Trap: Zefon, Allergenco, Burkard...	1/26/11
2372-126-F5A02	T - Tape	
2372-126-F5A03	D - Dust	
2372-126-F5A04	SW - Swab	
2372-126-F5A05	SO - Soil	
	B - Bulk	
	P - Potable Water	
	NP - Non-Potable Water	
	O - Other	

Analysis Type	Result
BC - BioCassette™	
AIS - Andersen	
SAS - Surface Air Sampler	
CP - Contact Place	



## EMLab P&K

Report for:

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

Regarding: Project: DGS-BOE; Floor 5 containments  
EML ID: 747083

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 01-27-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-27-2011

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

Location:	2372.127.F5A01: Exterior East		2372.127.F5A02: Floor 5 ambient S. core hall		2372.127.F5A03: Janitor room containment		2372.127.F5A04: Exterior West	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3305584-1		3305585-1		3305586-1		3305587-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria					1	13		
Arthrinium								
Ascospores*	6	320					4	170
Aureobasidium								
Basidiospores*	1	13			2	67	7	250
Bipolaris/Drechslera group								
Botrytis							2	27
Cercospora	3	40					2	27
Chaetomium								
Cladosporium	1	53	2	110	1	53	1	53
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other brown	1	13	1	13	1	13		
Penicillium/Aspergillus types†	3	160					5	270
Pithomyces								
Rusts*					1	13		
Smuts*, Periconia, Myxomycetes*	1	13					1	13
Stachybotrys								
Stemphylium								
Torula								
Background debris (1-4+)††	2+		3+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		2+		2+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>610</b>		<b>120</b>		<b>160</b>		<b>810</b>

**Comments:**

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

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

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

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

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

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

‡ 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 5 containments

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-27-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.127.F5A01, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	53	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Other brown	13	7	13	93	28	7	13	93	33
Penicillium/Aspergillus types	160	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	320	7	110	2,200	59	13	110	2,100	70
Basidiospores	13	13	210	9,800	84	13	210	8,900	92
Botrytis	-	7	13	320	7	7	13	200	15
Cercospora	40	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	610								

† 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-27-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.127.F5A04, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	53	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Other brown	-	7	13	93	28	7	13	93	33
Penicillium/Aspergillus types	270	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	170	7	110	2,200	59	13	110	2,100	70
Basidiospores	250	13	210	9,800	84	13	210	8,900	92
Botrytis	27	7	13	320	7	7	13	200	15
Cercospora	27	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	810								

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

Company: LaCroix Davis, LLC  
 Address: 3683 Mt. Diablo Blvd, Ste 210  
 Special Instructions: LaCroix Davis, CA 94054  
 Contact: Cheryll Tice; A. Stentback; A. Kukulski  
 Phone: 925-799-1140

Project ID: DGS-BOE  
 Project Desc.: Floor 5 Containment  
 Project: Sampling  
 Date & Time: 1/21/11  
 Zip Code:  
 PO Number: 2372.02-572

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

ST	9D	7S	12:00
2372.02-572-01	EXTERIOR EAST	7S	12:00
2372.02-572-02	Floor 5 August 9. Contain	7S	
2372.02-572-03	Jumbo Room Containment	7S	
2372.02-572-04	EXTERIOR WEST	7S	13:00
2372.02-572-05			

BC - BioCassette™	T - Tape	D - Dust
AT5 - Andersen	SW - Swab	SO - Soil
SAS - Surface Air Sampler	B - Bulk	
CP - Contact Plate	NP - Non-Potable Water	O - Other:

None	Light	Moderate	Heavy
	X		

Non-Culturable  
 Tape Swab Bulk  
 BioCassette™, Andersen, S  
 Water, Bulk, Dish, Soil, Co

Culturable  
 000747083

Fungi - Spore Trap Analysis	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)	Legionella culture	Total Coliform, E.coli (Presence/Absence)	Membrane Filtration (Please specify organism)	MPN Bacteria (Please specify organism)	Quant'ryd - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 609/R-93-116)	PCR (please specify test)
X																

C. Schatz  
 1/27/11 1:15pm

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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 5  
EML ID: 746830

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): 01-27-2011

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

**EMLab P&K**

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 01-27-2011  
 Date of Receipt: 01-27-2011  
 Date of Report: 01-27-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3304783-1: Tape sample 2372-127-F5T18: Room 503 west GB at cove				
Light	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth

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





## EMLab P&K

Report for:

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

Regarding: Project: DGS-BOE; Floor 5 Containments  
EML ID: 747709

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 01-28-2011

Service SOPs: Spore trap analysis (1038)

For clarity, we report the number of significant digits as calculated; but, due to the nature of this type of biological data, the number of significant digits that is used for interpretation should generally be one or two. All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank 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 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-31-2011

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

Location:	2372.128.F5A11: Exterior East		2372.128.F5A12: Floor 5 ambient N core hall		2372.128.F5A13: Floor 5 men's fountain containment		2372.128.F5A14: Floor 5 men's containment	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3308826-1		3308827-1		3308828-1		3308829-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	4	210						
Aureobasidium								
Basidiospores*	3	160						
Bipolaris/Drechslera group								
Botrytis								
Cercospora								
Chaetomium								
Cladosporium	5	270						
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other colorless	1	13						
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium	1	13						
Torula								
Background debris (1-4+)††	2+		1+		2+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	40		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>680</b>		<b>&lt; 13</b>		<b>&lt; 13</b>		<b>&lt; 13</b>

**Comments:**

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

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

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

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

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

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

‡ 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 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-31-2011

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

Location:	2372.128.F5A15: Floor 5 room 503 containment		2372.128.F5A16: Exterior West	
Comments (see below)	None		A	
Lab ID-Version‡:	3308830-1		3308831-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*			5	190
Aureobasidium				
Basidiospores*			5	230
Bipolaris/Drechslera group				
Botrytis				
Cercospora			1	13
Chaetomium				
Cladosporium			72	1,000
Curvularia				
Epicoccum			2	27
Fusarium				
Myrothecium				
Nigrospora				
Other colorless				
Penicillium/Aspergillus types†			8	430
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*			1	13
Stachybotrys				
Stemphylium				
Torula				
Background debris (1-4+)††	1+		2+	
Hyphal fragments/m3	< 13		13	
Pollen/m3	< 13		27	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>&lt; 13</b>		<b>1,900</b>

**Comments:** A) 70 of the raw count *Cladosporium* were present as a single clump.

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

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

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

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

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for 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 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-31-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.128.F5A11, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	270	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Epicoccum	-	7	13	190	15	7	13	170	18
Nigrospora	-	7	13	160	9	7	13	200	9
Other colorless	13	7	13	320	4	7	13	110	4
Penicillium/Aspergillus types	-	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Stemphylium	13	7	13	67	2	7	13	67	8
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	210	7	110	2,200	59	13	110	2,100	70
Basidiospores	160	13	210	9,800	84	13	210	8,900	92
Cercospora	-	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>680</b>								

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

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

§ 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 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-31-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.128.F5A16, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	1,000	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Epicoccum	27	7	13	190	15	7	13	170	18
Nigrospora	-	7	13	160	9	7	13	200	9
Other colorless	-	7	13	320	4	7	13	110	4
Penicillium/Aspergillus types	430	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Stemphylium	-	7	13	67	2	7	13	67	8
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	190	7	110	2,200	59	13	110	2,100	70
Basidiospores	230	13	210	9,800	84	13	210	8,900	92
Cercospora	13	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	290	52	7	40	540	67
<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/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.

# CHAIN OF CUSTODY

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# EMLab P&K

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

WEATHER		Fog	Rain	Snow	Wind	Clear
None						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**

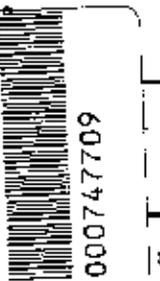
Company: LeCroy Davis, LLC  
 Address: 3085 Mt. Diablo Blvd, Ste 210 Lafayette, CA 94554  
 Special Instructions: Lafayette, CA 94554  
 Contact: T. Lee & A. Steinbach  
 Phone: 925-299-1140

**PROJECT INFORMATION**

Project ID: DGS-BOE  
 Project Desc.: Floor 5 Containment  
 Project: Sampling  
 Date & Time: 1/28/11  
 Zip Code: 94501  
 PO Number: 2372-02-572

Sample ID	Description	Sample Type	Volume (mL)	Total Volume / Assay (Sampleable)	NOTES
2372-128-F5A1	Exterior East	ST	75	75	14:24
2372-128-F5A2	Floor 5 Ambient Near Hall	ST	75	75	
2372-128-F5A3	Floor 5 Men's Restroom Containment	ST	75	75	
2372-128-F5A4	Floor 5 Men's Containment	ST	75	75	
2372-128-F5A5	Floor 5 Restroom Containment	ST	75	75	
2372-128-F5A6	Exterior West	ST	75	75	15:22

SAMPLE TYPE CODES		REQUISITION BY		DATE & TIME	
BC - BioCassette™	ST - Spore Trap; Zefon, Allergenco, Burkard...	<u>Theompson</u>	<u>1/28/11 16:00</u>		
A15 - Andersen	P - Potable Water				
SAS - Surface Air Sampler	NP - Non-Portable Water				
CP - Contact Plate	Q - Other				



000747709

REQUESTED SERVICES		Culturable	
Non-Culturable	1. Media Surface Fungi (Genus ID + Asp. spp.)	1. Media Surface Fungi (Genus ID + Asp. spp.)	1. Media Surface Fungi (Genus ID + Asp. spp.)
Spore Trap	2. Media Surface Fungi (Genus ID + Asp. spp.)	2. Media Surface Fungi (Genus ID + Asp. spp.)	2. Media Surface Fungi (Genus ID + Asp. spp.)
Spore Swab	3. Media Surface Fungi (Genus ID + Asp. spp.)	3. Media Surface Fungi (Genus ID + Asp. spp.)	3. Media Surface Fungi (Genus ID + Asp. spp.)
Bulk	Quantitative Spore Count Direct Exam	Quantitative Spore Count Direct Exam	Quantitative Spore Count Direct Exam
	Direct Microscopic Exam (Qualitative)	Direct Microscopic Exam (Qualitative)	Direct Microscopic Exam (Qualitative)
	Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles	Spore Trap Analysis - Other particles
	Fungi - Spore Trap Analysis	Fungi - Spore Trap Analysis	Fungi - Spore Trap Analysis
	Legionella culture	Legionella culture	Legionella culture
	Total Coliform, E.coli (Presence/Absence)	Total Coliform, E.coli (Presence/Absence)	Total Coliform, E.coli (Presence/Absence)
	Membrane Filtration (Please specify organism)	Membrane Filtration (Please specify organism)	Membrane Filtration (Please specify organism)
	MPN Bacteria (Please specify organism)	MPN Bacteria (Please specify organism)	MPN Bacteria (Please specify organism)
	Quant. Trypt. - Sewage Screen	Quant. Trypt. - Sewage Screen	Quant. Trypt. - Sewage Screen
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Asbestos Analysis - PLM (EPA method 600/4-93-116)	Asbestos Analysis - PLM (EPA method 600/4-93-116)	Asbestos Analysis - PLM (EPA method 600/4-93-116)
	PCR (Please specify test)	PCR (Please specify test)	PCR (Please specify test)

RECEIVED BY	DATE & TIME
<u>C. Schatz</u>	<u>1/28/11 16:00</u>

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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 5  
EML ID: 747652

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): 01-28-2011

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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-31-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3308656-1: Tape sample 2372-128-F5T19: NE water fountain in GB at cove				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3308657-1: Tape sample 2372-128-F5T20: Room 507 east GB at cove				
Light	Very few	4+ <i>Penicillium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3308658-1: Tape sample 2372-128-F5T21: West ETE north bay GB at FP				
Moderate	Very few	4+ <i>Alternaria</i> species (spores, hyphae) 4+ <i>Cladosporium</i> species (spores, hyphae, conidiophores) 3+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3308659-1: Tape sample 2372-128-F5T22: West ETE south bay GB at vent				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3308660-1: Tape sample 2372-128-F5T23: East ETE north bay GB wall W				
Heavy	Few	None	None	Normal trapping
Lab ID-Version: 3308752-1: Tape sample 2372-128-F5T24: East ETE north bay GB wall N				
Very Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3308655-1: Bulk sample 2372-128-F5B25: East ETE center bay FP				
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".





**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 5 Containments  
EML ID: 747646

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 01-28-2011

Service SOPs: Spore trap analysis (1038)

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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

---

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-28-2011

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

Location:	2372-128-F5A01: Exterior East		2372-128-F5A02: Floor 5 ambient N core hall		2372-128-F5A03: Women's containment		2372-128-F5A04: Room 502		2372-128-F5A05: Exterior West	
Comments (see below)	A		None		None		None		None	
Lab ID-Version‡:	3308559-1		3308560-1		3308561-1		3308562-1		3308563-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria										
Arthrinium										
Ascospores*	9	480							3	120
Aureobasidium										
Basidiospores*	1	53							5	190
Bipolaris/Drechslera group										
Cercospora									1	13
Chaetomium										
Cladosporium	20	310	1	53					4	210
Curvularia										
Epicoccum										
Fusarium										
Nigrospora										
Other brown					1	13				
Penicillium/Aspergillus types†	16	850							2	110
Pithomyces										
Rusts*									2	27
Smuts*, Periconia, Myxomycetes*										
Stachybotrys										
Stemphylium										
Torula										
Background debris (1-4+)††	2+		2+		2+		2+		3+	
Hyphal fragments/m3	13		13		< 13		< 13		27	
Pollen/m3	< 13		< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		2+		1+		1+	
Sample volume (liters)	75		75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,700</b>		<b>53</b>		<b>13</b>		<b>&lt; 13</b>		<b>670</b>

**Comments:** A) 19 of the raw count *Cladosporium* were present as a single clump.

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

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

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

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

†† Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher than reported. It is important to account for 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 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-28-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-128-F5A01, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	310	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Penicillium/Aspergillus types	850	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	480	7	110	2,200	59	13	110	2,100	70
Basidiospores	53	13	210	9,800	84	13	210	8,900	92
Cercospora	-	7	13	130	3	7	13	150	1
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	-	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	1,700								

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

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

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

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

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

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 01-28-2011  
 Date of Receipt: 01-28-2011  
 Date of Report: 01-28-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-128-F5A05, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	210	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Penicillium/Aspergillus types	110	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	120	7	110	2,200	59	13	110	2,100	70
Basidiospores	190	13	210	9,800	84	13	210	8,900	92
Cercospora	13	7	13	130	3	7	13	150	1
Rusts	27	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	-	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>670</b>								

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

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

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

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

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## EMLab P&K

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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 5 containments  
EML ID: 748124

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: 01-31-2011

Service SOPs: Spore trap analysis (1038)

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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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 01-31-2011  
 Date of Receipt: 01-31-2011  
 Date of Report: 01-31-2011

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

Location:	2372-131-F5A01: Exterior east		2372-131-F5A02: Floor 5 ambient S. core		2372-131-F5A03: 5B containment		2372-131-F5A04: Exterior west	
Comments (see below)	None		None		None		A	
Lab ID-Version‡:	3310181-1		3310182-1		3310183-1		3310184-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	2	110			1	13	6	160
Aureobasidium								
Basidiospores*	4	210	1	53			57	1,000
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	5	270			1	53		
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other brown			1	13				
Penicillium/Aspergillus types†	1	53	1	53	1	53	2	110
Pithomyces								
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium			1	13				
Background debris (1-4+)††	2+		3+		2+		2+	
Hyphal fragments/m3	< 13		27		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		13	
Skin cells (1-4+)	< 1+		2+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>640</b>		<b>150</b>		<b>120</b>		<b>1,300</b>

**Comments:** A) 49 of the raw count Basidiospores were present as a single clump.

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

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

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

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

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

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

‡ 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 5 containments

Date of Sampling: 01-31-2011  
 Date of Receipt: 01-31-2011  
 Date of Report: 01-31-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-131-F5A01, Exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	270	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Penicillium/Aspergillus types	53	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	110	7	110	2,200	59	13	110	2,100	70
Basidiospores	210	13	210	9,800	84	13	210	8,900	92
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	-	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>640</b>								

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

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

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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 5 containments

Date of Sampling: 01-31-2011  
 Date of Receipt: 01-31-2011  
 Date of Report: 01-31-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-131-F5A04, Exterior west**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: January				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	200	27	7	27	230	53
Bipolaris/Drechslera group	-	7	13	200	10	7	13	130	12
Chaetomium	-	7	13	250	7	7	13	120	19
Cladosporium	-	13	210	4,600	85	53	590	7,600	97
Curvularia	-	7	13	470	10	7	13	230	7
Nigrospora	-	7	13	160	9	7	13	200	9
Penicillium/Aspergillus types	110	13	160	2,000	77	33	210	2,400	84
Stachybotrys	-	7	13	950	2	7	13	230	4
Torula	-	7	13	160	6	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	160	7	110	2,200	59	13	110	2,100	70
Basidiospores	1,000	13	210	9,800	84	13	210	8,900	92
Rusts	-	7	13	210	9	7	13	260	25
Smuts, Periconia, Myxomycetes	-	7	27	290	52	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	1,300								

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

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# CHAIN OF CUSTODY EMLab P&K

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

**PROJECT INFORMATION**  
 Project ID: DG 5 - BOE  
 Project Desc: Floor 5 Contaminants  
 Project: Sampling  
 Date & Time: 1/31/11 8:30  
 Zip Code:  
 PO Number: 2372-02-572

**CONTACT INFORMATION**  
 Company: LA Croix Davis, LLC  
 Address: 3685 Mt. Diablo Blvd, Ste 210  
 Special Instructions: Cafayogon, CA 94549  
 Contact: C. Corpuz, T. Lee, A. Steinbach, A. McGuey  
 Phone: 925.299.1140  
 Email: *email contacts*

**STERN AND TIME CODE (SAT)**  
 STD - Standard (DEFAULT)  
 ND - New Business Day  
 SD - Same Business Day Rush  
 WH - Weekend/Holiday

**NOTES**  
 (Samples received after 3pm on air weekdays will be considered as follows the next business day unless noted in a dispatch or weekend analysis need)

Sample ID	Description	Sample Type (Below)	TAI (Above)	Volume/Area (Applicable)	Notes
2372-131-F5A01	Exterior EAST	ST SD	SD	75	8:30
2372-131-F5A02	Floor 5 Ambient	ST SD	SD	75	1
2372-131-F5A03	5B Containment	ST SD	SD	75	
2372-131-F5A04	Exterior WEST	ST SD	SD	75	9:25

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light	X				
Moderate					
Heavy					

000748124

REQUESTED SERVICES

Culturable

Non-Culturable	Culturable
Spore Trap Analysis - Other particles	
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.)	
Gram Stain and Counts (Culturable Air and Surface Bacteria)	
Logarithmic culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MFN Bacteria (Please specify organism)	
Quantify - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PCM (EPA method 600/R-93-116)	
PCR (Please specify test)	

RECEIVED BY	DATE & TIME
AMS	1/31/11 @ 12pm

REQUISITIONED BY	DATE & TIME
Theromika	1/27/11

SAMPLE TYPE CODE	T - Tap	D - Dust
BC - BioCassette	SW - Swab	SO - Soil
A1S - Andersen	B - Bulk	
SAS - Surface Air Sampler	O - Other	
CP - Contact Plate		

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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 5 Containments  
EML ID: 748677

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 02-01-2011 and 02-01-2011

Service SOPs: Spore trap analysis (1038)

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

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 02-01-2011  
 Date of Receipt: 02-01-2011  
 Date of Report: 02-01-2011

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

Location:	2372.201.F5A01: Exterior East		2372.201.F5A02: Floor 5 amb S cor hall		2372.201.F5A03: Room 5A containment		2372.201.F5A04: Room 5C containment	
Comments (see below)	A		None		None		None	
Lab ID-Version‡:	3312316-1		3312317-1		3312318-1		3312319-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13				
Arthrinium								
Ascospores*	6	320						
Aureobasidium								
Basidiospores*	10	410					1	53
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	32	1,700	2	110				
Curvularia								
Epicoccum	1	13						
Fusarium								
Nigrospora	1	13						
Other brown								
Penicillium/Aspergillus types†	32	470						
Pithomyces	1	13						
Rusts*	1	13						
Smuts*, Periconia, Myxomycetes*	3	40	2	27				
Stachybotrys								
Stemphylium								
Torula	2	27						
Ulocladium								
Background debris (1-4+)††	2+		2+		2+		2+	
Hyphal fragments/m3	120		< 13		< 13		< 13	
Pollen/m3	120		27		13		< 13	
Skin cells (1-4+)	< 1+		2+		2+		1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>3,000</b>		<b>150</b>		<b>&lt; 13</b>		<b>53</b>

**Comments:** A) 31 of the raw count *Penicillium/Aspergillus* type spores were present as a clump of 20 and a clump of 11 spores.

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

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

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

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

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

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

‡ 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 5 Containments

Date of Sampling: 02-01-2011  
 Date of Receipt: 02-01-2011  
 Date of Report: 02-01-2011

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

Location:	2372.201.F5A05: Room 506 containment		2372.201.F5A06: Floor 5 amb N core hall		2372.201.F5A07: Exterior West	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3312320-1		3312321-1		3312322-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					1	53
Aureobasidium						
Basidiospores*					5	190
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	1	53			24	1,300
Curvularia						
Epicoccum					4	53
Fusarium						
Myrothecium						
Nigrospora						
Other brown			1	13	2	27
Penicillium/Aspergillus types†					11	590
Pithomyces						
Rusts*					1	13
Smuts*, Periconia, Myxomycetes*					1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Background debris (1-4+)††	2+		2+		2+	
Hyphal fragments/m3	< 13		< 13		200	
Pollen/m3	< 13		< 13		170	
Skin cells (1-4+)	2+		2+		< 1+	
Sample volume (liters)	75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>53</b>		<b>13</b>		<b>2,200</b>

**Comments:**

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

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

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

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

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

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

‡ 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 5 Containments

Date of Sampling: 02-01-2011  
 Date of Receipt: 02-01-2011  
 Date of Report: 02-01-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.201.F5A01, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	1,700	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	13	7	13	270	15	7	13	170	18
Nigrospora	13	7	13	150	9	7	13	200	9
Other brown	-	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	470	13	160	1,700	77	33	210	2,400	84
Pithomyces	13	7	13	200	4	7	13	130	4
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	27	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	320	8	110	2,200	63	13	110	2,100	70
Basidiospores	410	13	210	9,000	85	13	210	8,900	92
Rusts	13	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	40	7	27	250	47	7	40	540	67
<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.

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 5 Containments

Date of Sampling: 02-01-2011  
 Date of Receipt: 02-01-2011  
 Date of Report: 02-01-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.201.F5A07, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	1,300	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	53	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	150	9	7	13	200	9
Other brown	27	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	590	13	160	1,700	77	33	210	2,400	84
Pithomyces	-	7	13	200	4	7	13	130	4
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	53	8	110	2,200	63	13	110	2,100	70
Basidiospores	190	13	210	9,000	85	13	210	8,900	92
Rusts	13	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	2,200								

† 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.





## EMLab P&K

Report for:

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

Regarding: Project: DGS-BOE; Floor 5  
EML ID: 748679

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-02-2011

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

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

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

Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 02-01-2011  
 Date of Receipt: 02-01-2011  
 Date of Report: 02-02-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3312311-1: Tape sample 2372.201.F5T26: Room 518 South at cove base				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3312312-1: Tape sample 2372.201.F5T27: Room 518 East at cove base				
Heavy	Very few	4+ <i>Phoma</i> / coelomycete (spores, pycnidia, hyphae)	None	Mold growth
Lab ID-Version: 3312313-1: Tape sample 2372.201.F5T28: Room 522 South at cove base				
Heavy	None	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".

# CHAIN OF CUSTODY

www.EMLabPK.com

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 • (866) 871-1984  
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WEATHER		Fog	Rain	Snow	Wind	Clear
None						
Light						
Moderate						
Heavy						

**CONTACT INFORMATION**  
 Company: **LA CROIX DAVIS, LLC**  
 Address: **3689 Mt. Diablo Blvd, Ste 210**  
 Contact: **S. CORPUS; T. LE; A. STAMBAK; A. MURPHY**  
 Special Instructions: **LA CROIX; CA 94054**  
 Phone: **925.299.1140**  
*email contacts*

**PROJECT INFORMATION**  
 Project ID: **DG.S-BOE**  
 Project Desc: **Floor 5**  
 Project: **Sampling**  
 Date & Time: **2/1/11 8:00**  
 Zip Code:  
 PO Number: **2372-02-572**

**ATTN AROUND TIME CODES (DAY)**  
 STD - Standard (DEFAULT)  
 ND - Next Business Day  
 SD - Same Business Day, Rush  
 WH - Weekend/Holiday

Sample ID	Description	Sample Type (Below)	JAT (Above)	Total Volume/Area (See applic. file)	NOTES
2372-01-F5T14	Room 518 South at Corvallis	T STD			west
2372-01-F5T27	Room 518 East at Corvallis	T STD			South
2372-01-F5T28	Room 522 South at Corvallis	T STD			center

**Non-Culturable**  
 Spore Trap  
 Spore Trap Analysis - Other particles  
 Direct Microscopic Exam (Qualitative)  
 Quantitative Spore Count Direct Exam

**Culturable**  
 1-Media Surface Fungi (Genus ID + Aq. spp.)  
 2-Media Surface Fungi (Genus ID + Aq. spp.)  
 3-Media Surface Fungi (Genus ID + Aq. spp.)  
 Culturable Air Fungi (Genus ID + Aq. spp.)  
 Gram Stain and Counts (Culturable Air and Surface Bacteria)  
 Fungal/culture  
 Total Coliform, E.coli (Presence/Absence)  
 Membrane Filtration (Please specify organism)  
 MPN Bacteria (Please specify organism)  
 Quant Tray - Sewage Screen

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

Requested Services	Completed
PCR (Please specify test)	
Asbestos Analysis - PLM (EPA method 600/R-93-114)	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Quant Tray - Sewage Screen	
MPN Bacteria (Please specify organism)	
Membrane Filtration (Please specify organism)	
Total Coliform, E.coli (Presence/Absence)	
Fungal/culture	
Gram Stain and Counts (Culturable Air and Surface Bacteria)	
Culturable Air Fungi (Genus ID + Aq. spp.)	
3-Media Surface Fungi (Genus ID + Aq. spp.)	
2-Media Surface Fungi (Genus ID + Aq. spp.)	
1-Media Surface Fungi (Genus ID + Aq. spp.)	
Quantitative Spore Count Direct Exam	
Direct Microscopic Exam (Qualitative)	X
Fungi - Spore Trap Analysis	X
Spore Trap Analysis - Other particles	X

SAMPLE TYPE CODES		REQUISITION CODES		DATE & TIME
BC - BioCassette™	ST - Spore Trap; Zefon	T - Tape	D - Dust	2/1/11 12:50
A15 - Andersen	Allergenic, Burkard...	SW - Swab	SO - Soil	2/1/11 1:30pm
SAS - Surface Air Sampler	P - Potable Water	B - Bulk	Q - Other	
CP - Contact Plate	NP - Non-Potable Water			

RECEIVED BY: *Theodore*  
 DATE & TIME: *2/1/11 1:30pm*

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)  
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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 5  
EML ID: 750001

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: 02-04-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS BOE; Floor 5

Date of Sampling: 02-04-2011  
 Date of Receipt: 02-04-2011  
 Date of Report: 02-04-2011

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

Location:	2372-204-A01: SW exterior		2372-204-A02: Rm 504 inside		2372-204-A03: Rm 504 outside		2372-204-A04: NE exterior	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3318195-1		3318196-1		3318197-1		3318198-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*							1	53
Aureobasidium								
Basidiospores*	7	130					12	480
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	5	270					2	110
Curvularia								
Epicoccum	1	13						
Fusarium								
Nigrospora	1	13						
Oidium	1	13					6	80
Other brown							1	13
Penicillium/Aspergillus types†	2	110					2	110
Pithomyces								
Rusts*			1	13			13	170
Smuts*, Periconia, Myxomycetes*	1	13					4	53
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	3+		> 4+		4+		2+	
Hyphal fragments/m3	13		< 13		< 13		13	
Pollen/m3	250		< 13		< 13		67	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>560</b>		<b>13</b>		<b>&lt; 13</b>		<b>1,100</b>

**Comments:**

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach  
 Re: DGS BOE; Floor 5

Date of Sampling: 02-04-2011  
 Date of Receipt: 02-04-2011  
 Date of Report: 02-04-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-204-A01, SW exterior**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	270	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	13	7	13	270	15	7	13	170	18
Nigrospora	13	7	13	150	9	7	13	200	9
Other brown	-	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	110	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	-	8	110	2,200	63	13	110	2,100	70
Basidiospores	130	13	210	9,000	85	13	210	8,900	92
Oidium	13	7	13	200	7	7	13	200	18
Rusts	-	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>560</b>								

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

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

§ 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 5

Date of Sampling: 02-04-2011  
 Date of Receipt: 02-04-2011  
 Date of Report: 02-04-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-204-A04, NE exterior**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	110	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	-	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	150	9	7	13	200	9
Other brown	13	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	110	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	53	8	110	2,200	63	13	110	2,100	70
Basidiospores	480	13	210	9,000	85	13	210	8,900	92
Oidium	80	7	13	200	7	7	13	200	18
Rusts	170	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	53	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	1,100								

† 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.

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

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



000750001

## PROJECT INFORMATION

Project ID: **Floor 5**  
 Project Desc.: **DGS BOE**  
 Project: **Sampling**  
 Zip Code: **2/14/11**  
 PO Number: **2372.02-572**

## CONTACT INFORMATION

Company: **LaCroix Davis LLC**  
 Address: **3865 Mt. Diablo Blvd. Lafayette CA 94509**  
 Contact: **Ted Ice, C. Carpez, A. Steinbach**  
 Special Instructions:

## TURN AROUND TIME CODES (TAT)

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

## TURN AROUND TIME CODES (TAT)

Rush received after 2pm on non-business days will be considered received the next business day. Please start us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Below)	Total Volume/Area (as applicable)	NOTES
-A01	SW exterior	ST	SD	75L	1312 shredding outside
-A02	Rm. 504 inside	SI	SD	75L	1340
-A03	Rm. 504 outside	SI	SD	75L	1339
-A04	NE exterior	SI	SD	75L	1400

Sample Type Codes	Requested By	Date & Time
BC - BioCassette A15 - Andersen SAS - Surface Air Sampler CP - Contact Plate	Chris Carpez	2/14/11
T - Tape SW - 5wab B - Bulk NP - Non-Porous Water O - Other:		
ST - Spore Trap, Zefon, Allergenco, Burkard ...		
D - Dapt		
90 - Soil		

Non-Culturable	Culturable
Spore Trap Analysis	
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)	
Legionella culture	
Total Coliform, E.coli (Presence/Absence)	
Membrane Filtration (Please specify organism)	
MFN Bacteria (Please specify organism)	
Granitray - Sewage Screen	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	
PCR (Please specify test)	

Requested Services	Received By	Date & Time
BioCassette™ Andersen, SA Water, Bulk, Dust, Soil, Com.	C. Schatz	2/14/11 2:30pm

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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 5  
EML ID: 749849

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-04-2011 and 02-04-2011

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

---

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

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---

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
 Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 02-04-2011  
 Date of Receipt: 02-04-2011  
 Date of Report: 02-04-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3317562-1: Tape sample 2372-204-F5-T29: Below SE punchout 2 J18				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3317563-1: Tape sample 2372-204-F5-T30: J18.6 GB AC				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3317564-1: Tape sample 2372-204-F5-T31: J19 NW corner				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3317565-1: Tape sample 2372-204-F5-T32: J19.3 south wall				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3317566-1: Tape sample 2372-204-F5-T33: J19.4 south wall				
Moderate	Very few	None	None	Normal trapping
Lab ID-Version: 3317575-1: Bulk sample 2372-204-F5-B34: J19 above ceiling				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3317567-1: Tape sample 2372-204-F5-T35: J20 west wall				
Heavy	Very few	None	None	Normal trapping
Lab ID-Version: 3317576-1: Bulk sample 2372-204-F5-B36: J20 west wall				
Wallboard	Very few	None	None	Normal trapping
Lab ID-Version: 3317568-1: Tape sample 2372-204-F5-T37: J20 N side column				
Scant	Very few	None	None	Normal trapping
Lab ID-Version: 3317569-1: Tape sample 2372-204-F5-T38: Room 516 east wall				
Scant	Very few	2+ <i>Ulocladium</i> species (spores, hyphae, conidiophores)	None	Mold growth
Lab ID-Version: 3317570-1: Tape sample 2372-204-F5-T39: Room 515 west wall				
Heavy	Very few	None	None	Normal trapping

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3317571-1: Tape sample 2372-204-F5-T40: Room 516 J20.1-3				
Scant	Very few	None	None	Normal trapping
Lab ID-Version: 3317572-1: Tape sample 2372-204-F5-T41: Room 516 J20.4-5				
Light	Very few	None	None	Normal trapping

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

Log 2



000749849

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## CONTACT INFORMATION

Company: **La Croix Davis LLC**  
 Address: **3865 Mt. Diablo Blvd., Lafayette CA 94549**  
 Contact: **Ted Lee, C. Corpuz, B. Steinbach**  
 Phone: **(925) 719-5842**

## PROJECT INFORMATION

Project ID: **2372-02-572 DGS-BOE**  
 Project Desc: **DGS BOE Floor 5**  
 Project: **Sampling**  
 Zip Code: **Date & Time: 2/4/11**  
 PO Number: **2378-02-572**

## TURNAROUND TIME CODES (TAT)

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

## NOTES

(Rushes received after shipment on weekdays, will be considered received the next business day. Please alert us of any unusual weekend analysis requests.)

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Flow (As applicable)	NOTES (Time of Day, Temp, RH, etc)
2372-02-572-01-F5-128	Below SE punchout 2	T	SD	NA	
-F5-130	J18 6 GB PC	T	SD	NA	
-F5-131	J19 NW corner	T	SD	NA	
-F5-132	J19.3 south wall	T	SD	NA	
-F5-133	J19.4 south wall	T	SD	NA	
-F5-134	J19 above ceiling	B	SD	NA	
-F5-135	J20 west wall	T	SD	NA	
-F5-136	J20 west wall	B	SD	NA	
-F5-137	J20 N side column	T	SD	NA	
-F5-138	Room 516 east wall	T	SD	NA	
-F5-139	Room 515 west wall	T	SD	NA	
-F5-140	Room 516 J20.1-3	T	SD	NA	

## REQUISITIONED BY

Therese Lee 2/4/11

## RECEIVED BY

SMS 2/11 @ 1:30 am

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

Non-Cd	Spore Trap	Tap	Swab	Bulk	Other Request
Fungi - Spore Trap Analysis					
Spore Trap Analysis - Other particles					
Direct Microscopic Exam (Qualitative)	X				
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)					
MFN 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)					

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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 5  
EML ID: 750052

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): 02-05-2011

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

---

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea  
 Steinbach  
 Re: DGS-BOE; Floor 5

Date of Sampling: 02-04-2011  
 Date of Receipt: 02-05-2011  
 Date of Report: 02-05-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3318308-1: Tape sample 2372-204-F5-T43: J20.5 S. wall				
Light	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318309-1: Tape sample 2372-204-F5-T44: Rm. 516 ceiling tile at vav				
Light	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318304-1: Bulk sample 2372-204-F5-B45: Col. k20 NE side				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318310-1: Tape sample 2372-204-F5-T46: Rm. 515 West wall				
Light	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318311-1: Tape sample 2372-204-F5-T47: Rm. 515 North wall				
Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318312-1: Tape sample 2372-204-F5-T48: Rm. 515 North wall				
Moderate	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318305-1: Bulk sample 2372-204-F5-B49: L19.5 fire proofing				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318306-1: Bulk sample 2372-204-F5-B50: NW of col. k-18 fire proofing				
Miscellaneous debris	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318313-1: Tape sample 2372-204-F5-T51: Above NE entrance at E. wall				
Very Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3318307-1: Bulk sample 2372-204-F5-B52: Above NE entrance fire proof				
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‡: 3318314-1: Tape sample 2372-204-F5-T42: J20 NW corner				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3318315-1: Tape sample 2372-204-F5-C53: NE entrance below carpet				
Very 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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WEATHER			
Fog	Rain	Snow	Wind
Name			
Lytic			
Moderate			
Heavy			
Clear			

000750052

### CONTACT INFORMATION

Company: **LaCroix Davis LLC**  
 Address: **3865 Mt. Diablo Blvd., Lafayette CA**  
 Contact: **T. Ice, C. Compez, A. Steinbach**  
 Phone: **(925) 719-5842**

### PROJECT INFORMATION

Project ID: **Floor B**  
 Project Desc.: **DGS BOE**  
 Project: **Sampling**  
 Zip Code: **94601**  
 Date & Time: **2/4/11**  
 PO Number: **2372.02-572**

EURN AROUND TIME (DATE)	
STD - Standard (DEFAULT)	Business received after 2PM on weekdays. Will be considered received the next business day. Please alert us in advance of weekend analysis needs.
ND - Next Business Day	
SD - Same Business Day Rush	
WH - Weekend/Holiday	

Sample ID	Description	Sample Type (Abbreviation)	Matrix Volume/Analysis (as applicable)	Notes
72-204-F5-T43	J20.5 S. Wall	T	NA	W/H TRT
-F5-T44	Rm. 516 ceiling tile at VAV	T	NA	all
-F5-T45	Col. K20 NE Side	B	NA	weekend/holiday
-F5-T46	Rm. 515 West Wall	T	NA	turn
-F5-T47	Rm. 515 North Wall	T	NA	around
-F5-T48	Rm. 515 North Wall	T	NA	time
-F5-B49	L19.5 Fire proofing	B	NA	
-F5-B50	NW of Col. K-1B Fire proofing	B	NA	
-F5-T51	Above NE entrance at E. Wall	T	NA	
-F5-B52	Above NE entrance fire proof	B	NA	
-F5-T42	J20 NW corner	T	NA	
-F5-C53	NE entrance below carpet	T	NA	

SAMPLING RECORDS		RELINQUISHED BY		DATE & TIME	
ST - Spore Trap; Zefon	T - Tape	D - Dust			
AI5 - Andersen	SW - Swab	SO - Soil			
SAS - Surface Air Sampler	P - Potable Water	B - Bulk			
CP - Contact Plate	NP - Non-Potable Water	O - Other:			

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Non-Culturable		Culturable		Other Requests	
Spore Trap	Spore Trap Analysis - Other particles	1-Media Surface Fungi (Genus ID + App. spp.)	1-Media Surface Fungi (Genus ID + App. spp.)	Abstrus Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Abstrus Analysis - PLM (EPA method 600/R-93-118)
Spore	Direct Microscopic Exam (Qualitative)	2-Media Surface Fungi (Genus ID + App. spp.)	2-Media Surface Fungi (Genus ID + App. spp.)	Quant Tray - Sewage Screen	PCR (Please specify test)
Trap	Quantitative Spore Count Direct Exam	3-Media Surface Fungi (Genus ID + App. spp.)	3-Media Surface Fungi (Genus ID + App. spp.)	MFN Bacteria (Please specify organism)	
		Culturable Air Fungi (Genus ID + App. spp.)	Culturable Air Fungi (Genus ID + App. spp.)	Membrane Filtration (Please specify organism)	
		Gram Stain and Counts (Culturable Air and Surface Bacteria)	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Total Coliform, E.coli (Presence/Absence)	
		Legionella culture	Legionella culture		



**EMLab P&K**

---

Report for:

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

---

Regarding: Project: DGS-BOE; Floor 5 Server SEP02  
EML ID: 750177

Approved by:



Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 02-07-2011 and 02-07-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

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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 5 Server SEP02

Date of Sampling: 02-07-2011  
 Date of Receipt: 02-07-2011  
 Date of Report: 02-07-2011

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

Location:	2372.207-F5A01: Exterior west		2372.207-F5A02: Floor 5 server 515 ambient		2372.207-F5A03: Floor 5 sep02 containment		2372.207-F5A04: Exterior east	
Comments (see below)	A		A		A		A	
Lab ID-Version‡:	3318692-1		3318693-1		3318694-1		3318695-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	4	210	1	53			10	530
Aureobasidium								
Basidiospores*	89	4,700					84	4,500
Bipolaris/Drechslera group								
Chaetomium	1	13					1	13
Cladosporium	7	370					24	1,300
Curvularia								
Epicoccum								
Fusarium								
Nigrospora							1	13
Oidium	3	40					1	13
Penicillium/Aspergillus types†	1	53					5	270
Pithomyces	1	13						
Rusts*	4	53					5	67
Scopulariopsis	6	320					1	53
Smuts*, Periconia, Myxomycetes*	1	13					4	53
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	4+		3+		4+		3+	
Hyphal fragments/m3	< 13		< 13		< 13		53	
Pollen/m3	53		< 13		< 13		67	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>5,800</b>		<b>53</b>		<b>&lt; 13</b>		<b>6,800</b>

**Comments:** A) Analysis of replicate sample is delayed.

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Server SEP02

Date of Sampling: 02-07-2011  
 Date of Receipt: 02-07-2011  
 Date of Report: 02-07-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.207-F5A01, Exterior west**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	13	7	13	230	7	7	13	120	19
Cladosporium	370	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Nigrospora	-	7	13	150	9	7	13	200	9
Penicillium/Aspergillus types	53	13	160	1,700	77	33	210	2,400	84
Pithomyces	13	7	13	200	4	7	13	130	4
Scopulariopsis	320	8	27	2,900	< 1	7	13	210	< 1
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	210	8	110	2,200	63	13	110	2,100	70
Basidiospores	4,700	13	210	9,000	85	13	210	8,900	92
Oidium	40	7	13	200	7	7	13	200	18
Rusts	53	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>5,800</b>								

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Server SEP02

Date of Sampling: 02-07-2011  
 Date of Receipt: 02-07-2011  
 Date of Report: 02-07-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372.207-F5A04, Exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	13	7	13	230	7	7	13	120	19
Cladosporium	1,300	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Nigrospora	13	7	13	150	9	7	13	200	9
Penicillium/Aspergillus types	270	13	160	1,700	77	33	210	2,400	84
Pithomyces	-	7	13	200	4	7	13	130	4
Scopulariopsis	53	8	27	2,900	< 1	7	13	210	< 1
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	530	8	110	2,200	63	13	110	2,100	70
Basidiospores	4,500	13	210	9,000	85	13	210	8,900	92
Oidium	13	7	13	200	7	7	13	200	18
Rusts	67	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	53	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>6,800</b>								

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

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

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

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

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## EMLab P&K

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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

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Regarding: Project: DGS-BOE; Floor 5 Server 516  
EML ID: 750435

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): 02-07-2011

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Server 516

Date of Sampling: 02-07-2011  
 Date of Receipt: 02-07-2011  
 Date of Report: 02-07-2011

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

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3319674-1: Tape sample 2372.207-F5T54				
Very Heavy	Very few	None	Analysis of replicate sample is delayed.	Normal trapping
Lab ID-Version: 3319675-1: Tape sample 2372.207-F5T55				
Moderate	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".

# CHAIN OF CUSTODY

www.EMLabPK.com

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

# EMLab P&K

000750435

bioCassette™ Andersen, SAS,  
 Water, Bulk, Dust, Soil, Contact Plate

## REQUESTED SERVICES

Non-Culturable  
 Spore Trap  
 Tape Swab Bulk

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.)  
 Gram Stain and Counts (Culturable Air and Surface Bacteria)  
 Legumella culture  
 Total Coliform, E.coli (Presence/Absence)  
 Membrane Filtration (Please specify organism)  
 MPN Bacteria (Please specify organism)  
 QuantTray - Sewage Screen  
 Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)  
 Asbestos Analysis - PLM (EPA method 600/R-93-116)  
 PCR (Please specify test)

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

**CONTACT INFORMATION**  
 Company: LA VOIX DAVIS, LLC  
 Address: 7085 Mt Diablo Blvd Ste 210 Lafayette, CA 94559  
 Contact: T.ICE, A. Spink, J. Kuley  
 Phone: 925 299 9140  
 Email: contracts

**PROJECT INFORMATION**  
 Project ID: DGS-BDE  
 Project Desc: Floor 5 Server 516  
 Project: Sampling  
 Date & Time: 2/7/11  
 Zip Code: 94022  
 PO Number: 2372.02-572

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

**NOTES**  
2372.0015154 will carry 1  
2372.0015155 will carry 2

DATE & TIME	RECEIVED BY
2/7/11 1:50pm	Theresa Schatz

DATE & TIME	RECEIVED BY
2/7/11 1:50pm	Theresa Schatz

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)  
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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 5 Containment  
EML ID: 750964

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: 02-08-2011 and 02-08-2011

Service SOPs: Spore trap analysis (1038)

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

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Document Number: 200091 - Revision Number: 5

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Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containment

Date of Sampling: 02-08-2011  
 Date of Receipt: 02-08-2011  
 Date of Report: 02-08-2011

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

Location:	2372-208-F5A11: Exterior, West	2372-208-F5A12: Floor 5, ambient N cove hall	2372-208-F5A13: North quad NW P02 containment	2372-208-F5A14: North quad at room 511 containment				
Comments (see below)	A	A	A	A				
Lab ID-Version‡:	3321922-1	3321923-1	3321924-1	3321925-1				
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	3	160						
Aureobasidium								
Basidiospores*	3	160						
Bipolaris/Drechslera group								
Chaetomium	1	13						
Cladosporium	28	1,500	1	53				
Curvularia								
Epicoccum	1	13						
Fusarium								
Nigrospora								
Oidium	4	53						
Other brown	2	27						
Penicillium/Aspergillus types†	9	480						
Pithomyces								
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*	7	93						
Stachybotrys								
Stemphylium								
Torula	1	13						
Ulocladium	1	13						
Background debris (1-4+)††	3+		2+		1+		< 1+	
Hyphal fragments/m3	280		< 13		< 13		< 13	
Pollen/m3	250		13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>2,500</b>		<b>67</b>		<b>&lt; 13</b>		<b>&lt; 13</b>

**Comments:** A) Analysis of replicate sample is delayed.

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containment

Date of Sampling: 02-08-2011  
 Date of Receipt: 02-08-2011  
 Date of Report: 02-08-2011

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

Location:	2372-208-F5A15: North quad cube # 42 containment	2372-208-F5A16: North quad NE cube 19 containment	2372-208-F5A17: North quad at 514A containment	2372-208-F5A18: Floor 5 room 515 ambient
Comments (see below)	A	A	A	A
Lab ID-Version‡:	3321926-1	3321927-1	3321928-1	3321929-1
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Ascospores*				
Aureobasidium				
Basidiospores*				
Bipolaris/Drechslera group				
Chaetomium				
Cladosporium				
Curvularia				
Epicoccum				
Fusarium				
Nigrospora				
Oidium				
Other brown				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	1+	2+	2+	1+
Hyphal fragments/m3	< 13	< 13	< 13	< 13
Pollen/m3	< 13	< 13	< 13	< 13
Skin cells (1-4+)	< 1+	< 1+	< 1+	< 1+
Sample volume (liters)	75	75	75	75
<b>§ TOTAL SPORES/m3</b>		< 13	< 13	< 13

**Comments:** A) Analysis of replicate sample is delayed.

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containment

Date of Sampling: 02-08-2011  
 Date of Receipt: 02-08-2011  
 Date of Report: 02-08-2011

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

Location:	2372-208-F5A19: 515 NE entry containment		2372-208-F5A20: Exterior East	
Comments (see below)	A		A	
Lab ID-Version‡:	3321930-1		3321931-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*			1	53
Bipolaris/Drechslera group				
Chaetomium				
Cladosporium			14	750
Curvularia				
Epicoccum			1	13
Fusarium				
Nigrospora				
Oidium			2	27
Other brown				
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*			2	27
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	< 13		280	
Pollen/m3	< 13		67	
Skin cells (1-4+)	1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>&lt; 13</b>		<b>920</b>

**Comments:** A) Analysis of replicate sample is delayed.

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containment

Date of Sampling: 02-08-2011  
 Date of Receipt: 02-08-2011  
 Date of Report: 02-08-2011

### MoldRANGE™: Extended Outdoor Comparison

#### Outdoor Location: 2372-208-F5A11, Exterior, West

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	13	7	13	230	7	7	13	120	19
Cladosporium	1,500	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	13	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	150	9	7	13	200	9
Other brown	27	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	480	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	13	7	13	180	5	7	13	160	11
Ulocladium	13	7	13	94	4	7	13	80	10
<b>Seldom found growing indoors**</b>									
Ascospores	160	8	110	2,200	63	13	110	2,100	70
Basidiospores	160	13	210	9,000	85	13	210	8,900	92
Oidium	53	7	13	200	7	7	13	200	18
Rusts	-	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	93	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	<b>2,500</b>								

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containment

Date of Sampling: 02-08-2011  
 Date of Receipt: 02-08-2011  
 Date of Report: 02-08-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372-208-F5A20, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	750	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Epicoccum	13	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	150	9	7	13	200	9
Other brown	-	7	13	93	26	7	13	93	33
Penicillium/Aspergillus types	-	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
Ulocladium	-	7	13	94	4	7	13	80	10
<b>Seldom found growing indoors**</b>									
Ascospores	53	8	110	2,200	63	13	110	2,100	70
Basidiospores	53	13	210	9,000	85	13	210	8,900	92
Oidium	27	7	13	200	7	7	13	200	18
Rusts	-	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	27	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	920								

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

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

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

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

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

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# CHAIN OF CUSTODY

www.EMLabPK.com

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

WEATHER		Fog	Rain	Snow	Wind	Clear
Name						
Light						
Moderate						
Heavy						X

## REGISTERED SERVICES

Culturable

BioClassette™ Andersen, SAS  
 Water, Bulk, Dwar, Soil, Contact

000750964

None-Culturable	Culturable
Spore Trap	Fungal - Spore Trap Analysis
Tape Swab	Direct Microscopic Exam (Qualitative)
Bulk	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
	Tubal Coliform, E.coli (Presence/Absence)
	Membrane Filtration (Please specify organism)
	MPN Bacteria (Please specify organism)
	Quantity - Sewage Screen
	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Asbestos Analysis - PLM (EPA method 600/R-93-116)
	PCR (Please specify test)

REQUISITIONED BY	DATE & TIME
<i>Dreadnought</i>	2/8/11 13:24
<i>L. Schatz</i>	2/8/11 3:15pm

**CONTACT INFORMATION**  
 Company: *LACOBIX DEVISI, LLC*  
 Address: *3085 Mt. Diablo Blvd, Ste 210 Lafayette, CA 94549*  
 Contact: *ASTERINBACHIA, MCKINDY*  
 Phone: *925-719-5842*  
*email to phone contacts*

**PROJECT INFORMATION**  
 Project ID: *DGS BOE*  
 Project Desc: *Floor 5 Containment*  
 Project: *Sampling*  
 Date & Time: *2/8/11*  
 Zip Code: *94015*  
 PO Number: *2378-02-572*

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

Sample ID	Description	Sample Type (TAT)	Volume (L)	Notes
2378-208-F5A11	Exterior West	ST WPL	75	13:24
2378-208-F5A12	Floor 5 Ambient N. Core Hall	ST WPL	75	13:22
2378-208-F5A13	Northbound NW P.D. Containment	ST WPL	75	13:31
2378-208-F5A14	Northbound at Room 511 Containment	ST WPL	75	13:38
2378-208-F5A15	Northbound cube 42 Containment	ST WPL	75	13:46
2378-208-F5A16	Northbound NE cube 14 Containment	ST WPL	75	13:52
2378-208-F5A17	Northbound at 514A Containment	ST WPL	75	14:01
2378-208-F5A18	Floor 5 Room 515 Ambient	ST WPL	75	14:12
2378-208-F5A19	515 NE entry containment	ST WPL	75	14:22
2378-208-F5A20	EXTERIOR EAST	ST WPL	75	14:51

SAMPLE TYPE CODES		REQUISITIONED BY	DATE & TIME
BC - BioClassette™	ST - Spore Trap: Zefon, Allergenco, Burkard...	<i>Dreadnought</i>	2/8/11 13:24
ATS - Andersen	T - Tape		
SAS - Surface Air Sampler	SW - Swab		
CP - Contact Plate	B - Bulk		
	P - Potable Water		
	NP - Non-Potable Water		
	D - Dust		
	SO - Soil		
	O - Other:		



## 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

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Regarding: Project: DGS-BOE; Floor 5 containments  
EML ID: 751804

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 02-10-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-10-2011  
 Date of Receipt: 02-10-2011  
 Date of Report: 02-10-2011

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

Location:	2372.210-F5A01: Exterior East		2372.210-F5A02: Floor 5 515 West entry ambient		2372.210-F5A03: Floor 5 515 W entry containment		2372.210-F5A04: Exterior West	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3325255-1		3325256-1		3325257-1		3325258-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	10	530					8	430
Bipolaris/Drechslera group								
Chaetomium								
Cladosporium	7	370					22	1,200
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium							7	93
Penicillium/Aspergillus types†							1	53
Pithomyces								
Rusts*	3	40	1	13			3	40
Smuts*, Periconia, Myxomycetes*	4	53					1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	3+		2+		2+		3+	
Hyphal fragments/m3	40		< 13		< 13		13	
Pollen/m3	< 13		< 13		< 13		13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,000</b>		<b>13</b>		<b>&lt; 13</b>		<b>1,800</b>

**Comments:**

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-10-2011  
 Date of Receipt: 02-10-2011  
 Date of Report: 02-10-2011

### MoldRANGE™: Extended Outdoor Comparison

#### Outdoor Location: 2372.210-F5A01, Exterior East

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	370	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Nigrospora	-	7	13	150	9	7	13	200	9
Penicillium/Aspergillus types	-	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	-	8	110	2,200	63	13	110	2,100	70
Basidiospores	530	13	210	9,000	85	13	210	8,900	92
Oidium	-	7	13	200	7	7	13	200	18
Rusts	40	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	53	7	27	250	47	7	40	540	67
<b>§ TOTAL SPORES/m3</b>	1,000								

† 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-10-2011  
 Date of Receipt: 02-10-2011  
 Date of Report: 02-10-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372.210-F5A04, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	28	7	27	230	53
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	1,200	13	210	4,200	84	53	590	7,600	97
Curvularia	-	7	13	330	8	7	13	230	7
Nigrospora	-	7	13	150	9	7	13	200	9
Penicillium/Aspergillus types	53	13	160	1,700	77	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	180	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	-	8	110	2,200	63	13	110	2,100	70
Basidiospores	430	13	210	9,000	85	13	210	8,900	92
Oidium	93	7	13	200	7	7	13	200	18
Rusts	40	7	13	250	8	7	13	260	25
Smuts, Periconia, Myxomycetes	13	7	27	250	47	7	40	540	67
<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.

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# CHAIN OF CUSTODY

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 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (866) 888-6633

WEATHER			
None	Fog	Rain	Snow
Light			
Moderate			
Heavy			

REQUESTED SERVICES	
Non-Culturable	Culturable

000751804

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

**CONTACT INFORMATION**

Company: *Gregory Davis, LLC*  
 Address: *3005 Mt. Diablo Blvd Ste 210 Lafayette, CA 94579*  
 Contact: *C. Carpenter, T. Lee, A. Steinhilber, A. McKinley*  
 Phone: *925-299-1140*

**PROJECT INFORMATION**

Project ID: *DGS-BOE*  
 Project Desc: *Floor 5 containment*  
 Project: *Sampling*  
 Date & Time: *2/10/11*  
 Zip Code: *94011*  
 PO Number: *2372-02-672*

**STANDARD TIME CODES (DAY)**

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

Sample ID	Location	Sample Type	Time	Total Volume (Liters)	Notes
R372-2101F5A01	Exterior East	ST WH	75		
R372-2101F5A02	Floor 5 - 515 Entry Ambient	ST WH	75		
R372-2101F5A03	Floor 5 515 Entry Containment	ST WH	75		
R372-2101F5A04	Exterior West	ST WH	75		

SAMPLE TIME CODES		REQUESTED BY		DATE/TIME	
BC - BioCassette™	ST - Spore Trap; Zefon, Allergenco, Burkard...	<i>Theodor</i>		<i>2/10/11</i>	<i>1:20PM</i>
A1S - Andersen	SW - Swab				
SAS - Surface Air Sampler	B - Bulk				
CP - Contact Place	Q - Other				

Requested Service	Result
Fungi - Spore Trap Analysis	<i>X</i>
Spore Trap Analysis - Other particles	
Direct Microscopic Exam (Qualitative)	
Quantitative Spore Count Direct Exam	
1-Media Surface Fungus (Genus ID - Asp. spp.)	
2-Media Surface Fungus (Genus ID - Asp. spp.)	
3-Media Surface Fungus (Genus ID - Asp. spp.)	
Culturable Air Fungus (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 - CMI Airborne Fiber Count (NIOSH 7400)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	
PCR (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 5 Containments  
EML ID: 752105

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 02-11-2011 and 02-11-2011

Service SOPs: Spore trap analysis (1038)

---

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

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

Document Number: 200091 - Revision Number: 5

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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 5 Containments

Date of Sampling: 02-11-2011  
 Date of Receipt: 02-11-2011  
 Date of Report: 02-11-2011

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

Location:	2372.211.F5A01: Exterior West		2372.211.F5A02: Floor 5 ambient, N core hall		2372.211.F5A03: Room 521 South, containment		2372.211.F5A04: Room 521 North, containment	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3326442-1		3326443-1		3326444-1		3326445-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	2	110						
Aureobasidium								
Basidiospores*	17	910						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	2	110						
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Other brown								
Penicillium/Aspergillus types†	4	210			1	53		
Pithomyces								
Rusts*	2	27						
Smuts*, Periconia, Myxomycetes*								
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	3+		1+		2+		1+	
Hyphal fragments/m3	53		< 13		< 13		< 13	
Pollen/m3	40		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,400</b>		<b>&lt; 13</b>		<b>53</b>		<b>&lt; 13</b>

**Comments:**

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 02-11-2011  
 Date of Receipt: 02-11-2011  
 Date of Report: 02-11-2011

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

Location:	2372.211.F5A05: Room 520 center, containment		2372.211.F5A06: Exterior East	
Comments (see below)	None		None	
Lab ID-Version‡:	3326446-1		3326447-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*			12	640
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			3	160
Curvularia				
Epicoccum			2	27
Fusarium				
Myrothecium				
Nigrospora				
Other brown			2	27
Penicillium/Aspergillus types†				
Pithomyces				
Rusts*			8	110
Smuts*, Periconia, Myxomycetes*			7	93
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	< 1+		3+	
Hyphal fragments/m3	< 13		53	
Pollen/m3	< 13		27	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>&lt; 13</b>		<b>1,100</b>

**Comments:**

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

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

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§ 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 5 Containments

Date of Sampling: 02-11-2011  
 Date of Receipt: 02-11-2011  
 Date of Report: 02-11-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.211.F5A01, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	110	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Epicoccum	-	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	120	8	7	13	200	9
Other brown	-	7	13	100	26	7	13	93	33
Penicillium/Aspergillus types	210	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	110	8	110	2,100	62	13	110	2,100	70
Basidiospores	910	13	210	8,400	85	13	210	8,600	92
Rusts	27	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	-	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	1,400								

† 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.

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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 5 Containments

Date of Sampling: 02-11-2011  
 Date of Receipt: 02-11-2011  
 Date of Report: 02-11-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.211.F5A06, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	160	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Epicoccum	27	7	13	270	15	7	13	170	18
Nigrospora	-	7	13	120	8	7	13	200	9
Other brown	27	7	13	100	26	7	13	93	33
Penicillium/Aspergillus types	-	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	53	8	110	2,100	62	13	110	2,100	70
Basidiospores	640	13	210	8,400	85	13	210	8,600	92
Rusts	110	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	93	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	1,100								

† 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.

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

Company: **Lacroix Davis, LLC**  
 Contact: **F. Lee / A. Stemberch / A. Mickaluk**  
 Phone: **925-299-1140**

Address: **9685 Mt. Diablo Blvd, Ste 210 Lafayette, CA 94549**  
 Special Instructions: **email contacts**

Project ID: **DG5-BOE**  
 Project Desc: **Floor 5 Containment**  
 Project: **Sampling**  
 Date & Time: **2/10/08**  
 PO Number: **2372-02-572**

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

Sample ID	Sample Type	Room	Volume/Area	Notes
2372-211-F5A01	ST	SD	75	B:17
2372-211-F5A02	ST	SD	75	
2372-211-F5A03	ST	SD	75	
2372-211-F5A04	ST	SD	75	
2372-211-F5A05	ST	SD	75	
2372-211-F5A06	ST	SD	75	16:00

TEST	REQUIREMENTS	DATE/TIME
Fungus - Spore Trap Analysis	X	
Spore Trap Analysis - Other particles		
Direct Microscopic Exam (Qualitative)		
Quantitative Spore Count Direct Exam		
1-Media Surface Fungi (Genus ID + Asy. spp.)		
2-Media Surface Fungi (Genus ID + Asy. spp.)		
3-Media Surface Fungi (Genus ID + Asy. spp.)		
Culturable Air Fungi (Genus ID + Asy. spp.)		
Gram Stain and Counts (Culturable Air and Surface Bacteria)		
Legionella culture		
Total Coliform, E.coli (Presence/Absence)		
Methylene Blue Reduction (Please specify organism)		
MFN Bacteria (Please specify organism)		
QuantTray - Sewage Screen		
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)		
Asbestos Analysis - PLM (EPA method 600/R-93-116)		
PCR (please specify test)		

RECEIVED BY	DATE/TIME
<b>C. Schatz</b>	<b>2/11/11 10am</b>
<b>Thermonster</b>	<b>2/11/11</b>

REQUIREMENTS	DATE/TIME
BC - BioCassette	
ATIS - Andersen	
SAS - Surface Air Sampler	
CP - Contact Plate	
ST - Spore Trap, Zefon	
Allergenco, Burkard...	
P - Potable Water	
NP - Non-Potable Water	
T - Tape	
SW - Swab	
B - Bulk	
D - Dust	
SO - Soil	
Q - Other	



REQUESTED SERVICES  
 Culturable  
 Bio-Cassette, Andersen, SAS, Spore Trap, Swab, Bulk, Water, Bulk, Dust, Soil, Contact Plate

Non-Culturable  
 Spore Trap  
 Fungus - Spore Trap Analysis

Weather: None, Light, Moderate, Heavy, Fog, Rain, Snow, Wind, Clear

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 Dec. 9 200176 Rev. 74 Revant. 5/29/08 Page 1 of 1, QAD



**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 5 containments  
EML ID: 753269

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 02-15-2011 and 02-15-2011

Service SOPs: Spore trap analysis (1038)

---

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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 5 containments

Date of Sampling: 02-15-2011  
 Date of Receipt: 02-15-2011  
 Date of Report: 02-15-2011

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

Location:	2372-215-F5A01: Exterior east		2372-215-F5A02: Floor 5 Ambient S. Core Hall		2372-215-F5A03		2372-215-F5A04	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3331415-1		3331416-1		3331417-1		3331418-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	3	160						
Aureobasidium								
Basidiospores*	2	110						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	4	210						
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora	1	13						
Oidium								
Penicillium/Aspergillus types†	6	320			1	53		
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13						
Stachybotrys								
Stemphylium								
Torula								
Background debris (1-4+)††	3+		1+		1+		1+	
Hyphal fragments/m3	< 13		< 13		< 13		< 13	
Pollen/m3	13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>830</b>		<b>&lt; 13</b>		<b>53</b>		<b>&lt; 13</b>

**Comments:**

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-15-2011  
 Date of Receipt: 02-15-2011  
 Date of Report: 02-15-2011

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

Location:	2372-215-F5A05		2372-215-F5A06: Exterior west	
Comments (see below)	None		A	
Lab ID-Version‡:	3331419-1		3331420-1	
	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria				
Arthrinium				
Ascospores*			1	53
Aureobasidium				
Basidiospores*			6	320
Bipolaris/Drechslera group				
Botrytis				
Chaetomium				
Cladosporium			24	600
Curvularia				
Epicoccum				
Fusarium				
Myrothecium				
Nigrospora				
Oidium			18	240
Penicillium/Aspergillus types†			2	110
Pithomyces				
Rusts*				
Smuts*, Periconia, Myxomycetes*				
Stachybotrys				
Stemphylium				
Torula				
Ulocladium				
Background debris (1-4+)††	2+		3+	
Hyphal fragments/m3	< 13		13	
Pollen/m3	< 13		67	
Skin cells (1-4+)	< 1+		< 1+	
Sample volume (liters)	75		75	
<b>§ TOTAL SPORES/m3</b>		<b>&lt; 13</b>		<b>1,300</b>

**Comments:** A) 17 of the raw count *Cladosporium* spores were present as a single clump.  
 Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-15-2011  
 Date of Receipt: 02-15-2011  
 Date of Report: 02-15-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-215-F5A01, Exterior east**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	210	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	13	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	320	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	160	8	110	2,100	62	13	110	2,100	70
Basidiospores	110	13	210	8,400	85	13	210	8,600	92
Oidium	-	7	13	210	7	7	13	200	18
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	13	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	830								

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 containments

Date of Sampling: 02-15-2011  
 Date of Receipt: 02-15-2011  
 Date of Report: 02-15-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372-215-F5A06, Exterior west**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	600	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	-	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	110	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	53	8	110	2,100	62	13	110	2,100	70
Basidiospores	320	13	210	8,400	85	13	210	8,600	92
Oidium	240	7	13	210	7	7	13	200	18
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	-	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	1,300								

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

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

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

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

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

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.

# CHAIN OF CUSTODY

www.EMLabPK.com



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

000753269

REQUIRED SERVICES (2)  **Culturable**

WEATHER			
None	Fog	Rain	Snow
Light			
Moderate			
Heavy			

Non-Culturable	
Spore Trap	
Spore Swab	
Bulk	

Culturable	
Bio-Cassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate	
QuantTray™ Swage Screen	
MPN Bacteria (Please specify organism)	
Membrane Filtration (Please specify organism)	
Total Coliform, E.coli (Presence/Absence)	
Legionella culture	
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)	
Spore Trap Analysis - Other particles	
Fungi - Spore Trap Analysis	

PCR (please specify test)	
Asbestos Analysis - PLM (EPA method 600/R-93-116)	
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 2400)	

## CONTACT INFORMATION

Company: **LA Croix Davis, LLC**  
 Address: **3689 Mt. Diablo Pkwy, Ste 210**  
 Contact: **Corpus, T. Ice; A. Steimbach; M. Kelly**  
 Special Instructions: **000753269 - 44549**  
 Phone: **925.299.1140**  
 Email: **emlab@emlabpk.com**

## STANDARD TIME ZONE

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

## PROJECT INFORMATION

Project ID: **DGS-BOE**  
 Project Desc: **Floor 5 Contaminates**  
 Project: **Sampling**  
 Zip Code: **92511**  
 PO Number: **2572-02-572**

Sample ID	Sample Type (Below)	TAT (Above)	Notes
2312-215-F5A01 Exterior East	ST SD 75	11:11	
2312-215-F5A02 Floor 5 Ambient S. Core Hall	ST SD 75		
2312-215-F5A03	ST SD 75		
2312-215-F5A04	ST SD 75		
2312-215-F5A05	ST SD 75		
2312-215-F5A06 Exterior West	ST SD 75	12:30	

## SAMPLE TYPE CODES

BC - Bio-Cassette™	ST - Spore Trap; Zefon, Allergenco, Burkard...	D - Dust
AS - Andersen	P - Potable Water	SO - Soil
SAS - Surface Air Sampler	NP - Non-Potable Water	O - Other
CP - Contact Plate		

## REQUISITION BY

Requested by: **Thomas Lee**  
 Date & Time: **2/15/11**

## RECEIVED BY

Received by: **SMS**  
 Date & Time: **2/15/11**

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

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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 5 WDA  
EML ID: 753270

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): 02-15-2011

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

---

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

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

Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 WDA

Date of Sampling: 02-15-2011  
 Date of Receipt: 02-15-2011  
 Date of Report: 02-15-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3331426-1: Bulk sample 2372-215-F5B56: FP, hall AC at JC				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3331427-1: Tape sample 2372-215-F5T57: GB AC at hall at JC				
Heavy	Very few	None	None	Normal trapping

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





**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 5 WDA  
EML ID: 753925

Approved by:

A handwritten signature in black ink, appearing to read 'Malcolm Moody', written in a cursive style.

Lab Manager  
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 02-17-2011

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

---

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

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

Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 WDA

Date of Sampling: 02-16-2011  
 Date of Receipt: 02-17-2011  
 Date of Report: 02-17-2011

**DIRECT MICROSCOPIC EXAMINATION REPORT**

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3334376-1: Tape sample 2372.216.F5T58: SW core hall at 515 fp stain				
Light	Very few	None	None	Normal trapping
Lab ID-Version: 3334355-1: Bulk sample 2372.216.F5B59: SW core hall gb ac at 517				
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".





## 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 5 Containments  
EML ID: 754712

Approved by:

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

Lab Manager  
Malcolm Moody

Dates of Analysis:  
Spore trap analysis: 02-19-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 02-19-2011  
 Date of Receipt: 02-19-2011  
 Date of Report: 02-19-2011

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

Location:	2372.219. F5A01: Exterior East		2372.219. F5A02: Floor 5 ambient E lobby		2372.219. F5A03: W. ETE containment		2372.219. F5A04: SE stairs containment		2372.219. F5A05: Exterior West	
Comments (see below)	A		A		A		A		A	
Lab ID-Version‡:	3337769-1		3337770-1		3337771-1		3337772-1		3337773-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria										
Arthrinium										
Ascospores*	5	270							6	320
Basidiospores*	7	370			1	53	1	53	4	210
Bipolaris/Drechslera group										
Botrytis										
Chaetomium										
Cladosporium										
Curvularia										
Epicoccum										
Myrothecium										
Nigrospora										
Penicillium/Aspergillus types†							1	53		
Pithomyces										
Rusts*										
Smuts*, Periconia, Myxomycetes*									1	13
Stachybotrys										
Stemphylium										
Torula										
Ulocladium										
Background debris (1-4+)††	< 1+		2+		3+		2+		< 1+	
Hyphal fragments/m3	< 13		< 13		13		< 13		< 13	
Pollen/m3	< 13		< 13		27		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>640</b>		<b>&lt; 13</b>		<b>53</b>		<b>110</b>		<b>550</b>

**Comments:** A) Analysis of replicate sample is delayed.

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 02-19-2011  
 Date of Receipt: 02-19-2011  
 Date of Report: 02-19-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.219.F5A01, Exterior East**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	-	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	-	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	-	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	270	8	110	2,100	62	13	110	2,100	70
Basidiospores	370	13	210	8,400	85	13	210	8,600	92
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	-	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	<b>640</b>								

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

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

§ 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, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Containments

Date of Sampling: 02-19-2011  
 Date of Receipt: 02-19-2011  
 Date of Report: 02-19-2011

**MoldRANGE™: Extended Outdoor Comparison**  
**Outdoor Location: 2372.219.F5A05, Exterior West**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	-	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	-	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	-	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	320	8	110	2,100	62	13	110	2,100	70
Basidiospores	210	13	210	8,400	85	13	210	8,600	92
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	13	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	<b>550</b>								

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

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

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

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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

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Regarding: Project: DGS-BOE; Floor 5 Room 522  
EML ID: 756573

Approved by:

A handwritten signature in black ink, appearing to read "Malcolm Moody". The signature is fluid and cursive, with the first and last names being the most prominent.

Lab Manager  
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 02-25-2011

Service SOPs: Spore trap analysis (1038)

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Room 522

Date of Sampling: 02-25-2011  
 Date of Receipt: 02-25-2011  
 Date of Report: 02-25-2011

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

Location:	2372.225.F5A01: Exterior NE		2372.225.F5A02: Floor 5 ambient 521		2372.225.F5A03: Floor 5 room 522		2372.225.F5A04: Exterior SW	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3346362-1		3346363-1		3346364-1		3346365-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*	3	160					5	270
Aureobasidium								
Basidiospores*	4	210					6	320
Bipolaris/Drechslera group								
Botrytis								
Cercospora	1	13						
Chaetomium								
Cladosporium	17	910					4	210
Curvularia								
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†	1	53					2	110
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*	1	13					2	27
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		2+		2+		1+	
Hyphal fragments/m3	13		< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
<b>§ TOTAL SPORES/m3</b>		<b>1,400</b>		<b>&lt; 13</b>		<b>&lt; 13</b>		<b>930</b>

**Comments:**

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC  
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley  
 McKinley, Ms. Andrea Steinbach  
 Re: DGS-BOE; Floor 5 Room 522

Date of Sampling: 02-25-2011  
 Date of Receipt: 02-25-2011  
 Date of Report: 02-25-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372.225.F5A01, Exterior NE**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
Cladosporium	910	13	210	4,100	83	53	590	7,600	96
Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	-	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	53	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	160	8	110	2,100	62	13	110	2,100	70
Basidiospores	210	13	210	8,400	85	13	210	8,600	92
Cercospora	13	7	13	170	3	7	13	160	1
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	13	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	1,400								

† 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/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.

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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 5 Room 522

Date of Sampling: 02-25-2011  
 Date of Receipt: 02-25-2011  
 Date of Report: 02-25-2011

**MoldRANGE™: Extended Outdoor Comparison****Outdoor Location: 2372.225.F5A04, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: February				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
<b>Generally able to grow indoors*</b>									
Alternaria	-	7	13	160	27	7	27	230	52
Bipolaris/Drechslera group	-	7	13	150	10	7	13	130	12
Chaetomium	-	7	13	230	7	7	13	120	19
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Curvularia	-	7	13	320	8	7	13	230	7
Nigrospora	-	7	13	120	8	7	13	200	9
Penicillium/Aspergillus types	110	13	150	1,700	76	33	210	2,400	84
Stachybotrys	-	7	13	1,700	2	7	13	230	4
Torula	-	7	13	160	5	7	13	160	11
<b>Seldom found growing indoors**</b>									
Ascospores	270	8	110	2,100	62	13	110	2,100	70
Basidiospores	320	13	210	8,400	85	13	210	8,600	92
Cercospora	-	7	13	170	3	7	13	160	1
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	27	7	27	270	46	7	40	550	67
<b>§ TOTAL SPORES/m3</b>	930								

† 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.

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Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 \* (866) 871-1984  
Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 \* (800) 651-4802  
San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 \* (888) 888-8653

**CONTACT INFORMATION**  
 Company: CGP Cox Davis, LLC  
 Address: 2685 Mt. Diablo Blvd. Ste 210  
 City/State: San Ramon, CA 94579  
 Contact: C. Corpuz; T. Ice; A. Stembach; A. McKinley  
 Phone: 925-299-1140  
 Email: email @ phone 925-719-5842

**PROJECT INFORMATION**  
 Project ID: DGS-BOE  
 Project Desc.: Floor 5 Room 522  
 Project: Sampling  
 Zip Code: 94511  
 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 on weekdays will be considered received the next business day. Please alert us in advance of weekend analysis needs.

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes (Time of day, Temp, RH, etc.)
2372-225-F5A01	Exterior NE	ST	WH	75	7:30
2372-225-F5A02	Floor 5 Ambient 522	ST	WH	75	7:41
2372-225-F5A03	Floor 5 Room 522	ST	WH	75	7:49
2372-225-F5A04	Exterior SW	ST	WH	75	8:01

SAMPLE TYPE CODES		RELINQUISHED BY	DATE & TIME
ST - Spore Trap: Zefon, Allergenco, Burkard...	T - Tape	<u>Neopaska</u>	<u>2/25/11 8:02</u>
A15 - Andersen	SW - Swab		
SAS - Surface Air Sampler	B - Bulk		
CP - Contact Plate	NP - Non Potable Water		
	O - Other		

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

**REQUESTED SERVICE**  
 Non-Culturable:  Tape  Swab  Bulk  
 Spore Trap:  Trap  
 Culturable:  BioCassella™ - Air  Swab, Water, Bulk, Contact Plate

Method	Media	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)	QuantTray - Sewage Screen	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (Please specify test)
Fungi - Spore Trap Analysis	X	X	X	X	X	X	X	X	X	X	X	X	X
Spore Trap Analysis - Other particles													
Direct Microscopic Exam (Qualitative)													
Quantitative Spore Count Direct Exam													

RECEIVED BY	DATE & TIME
<u>C. Schatz</u>	<u>2/25/11 9:30am</u>

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)  
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