San Francisco • Sacramento • Las Vegas • Harrisburg

LaCroix Davis LLC

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

Mold Remediation – 16th Floor
Closure Report Addendum

Project No. 2372.02-572

Prepared for:
California Department of General Services
707 Third Street, 3-305
Sacramento, California 95605

Prepared by:
Chris Corpuz, MS, CIH, CAC
Senior Associate
LaCroix Davis LLC

Closure Report Date: December 8, 2009

Addendum Date: October 31, 2012

Please insert this Closure Report Addendum into the rear of the Floor 16 Closure Report

Building Environmental EHS Consulting
3685 Mt. Diablo Blvd., Ste. 210 • Lafayette, CA 94549 • p 925.299.1140 f 925.299.1185 • www.lacroixdavis.com

1.0 Introduction

On December 11, 2009, LaCroix Davis LLC (LCD) and the Department of General Services Mold Remediation Project Team completed the mold remediation activities initially scheduled for Floor 16 of the Board of Equalization (BOE) building located at 450 N Street, Sacramento, California. At the completion of these activities, a closure report for this floor was compiled by LCD to summarize key events of the project.

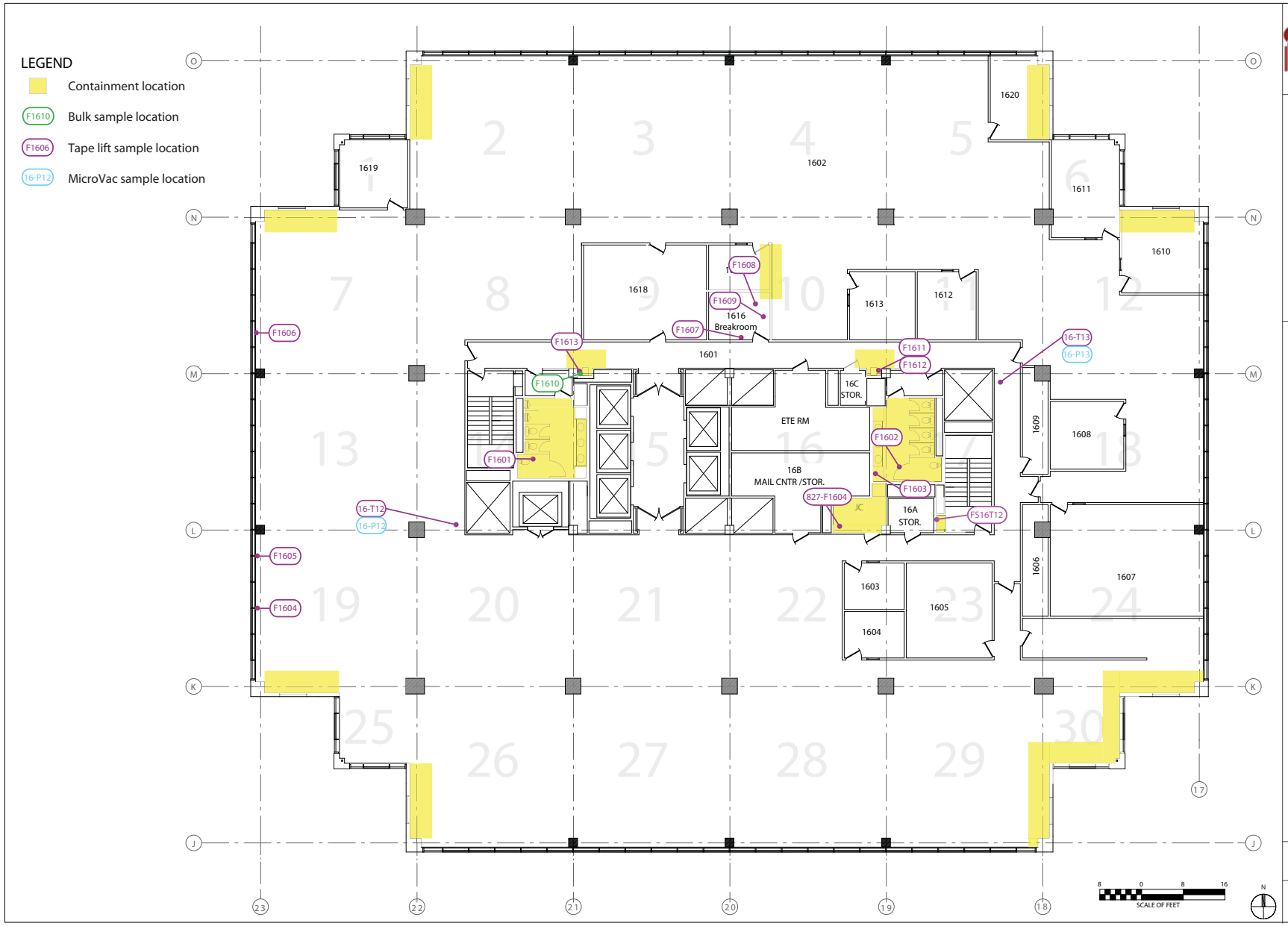
Subsequent to the completion of the closure report, a need for additional investigation and/or remediation activities was identified. Identified areas were subjected to sampling. Using a combination of surface tape lift and/or bulk samples, LCD tested stains on walls and other building materials to determine if the stains were indicative of mold growth. The sample locations are depicted in a revised Figure 2 attached to this addendum.

Any information not previously available and information documenting additional mold-related activities was compiled by LCD and included in this addendum.

2.0 Additional Activities

Additional mold-related activities performed on this floor after completion of the floor closure report include:

April 2010 Fire Sprinkler Riser Cabinet	Inspection, testing, and remediation.
August 2011 Rooms 1616, 1618, Adjacent Hallway	Inspection and remediation of a coolant spill from the personal refrigerator in Break room 1616.



LaCroix Davis LLC

State of California
Department of General Services
(DGS No. 125828)
(AGMT. No. 3126150)
(LCD No. 2372.02-572)

Containment and Sample Locations (Oct 2012)

Board of Equalization Building, Mold Remediation
450 N Street, Sacramento, California

16th Floor

Figure 2

Daily Logs

LaCroix Davis LLC Building & Environmental Forensics	**PROJECT LOG** DATE: 4/9/10
	LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185
	PAGE 1 OF 4

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day ✓ Swing ✓ Weekend/Holiday ____
Project	**Board of Equalization (BOE)**	Location(s):	Floor 3 Floor 14 Floor 15 Floor 16
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM LBP
LCD Project # -Task	**2372.0 2 -572; SOW 5.0**	**Description:** Floor 3 containments	
LCD Project # -Task	**2372.0 3 -572; SOW 5.0** } separate log	**Description:** Fire Riser Cabinets	
LCD Project # -Task	**2372.0 ____ -572; SOW ____**	**Description:** ____	

CONTAINMENT INFORMATION

1. Type of Containment: NPE ✓ Mini ____ Barrier Tape ____ Minor Procedures ____ HEPA ____
2. Type of Decon: Shower ____ 2-Stage ____ 1Stage ✓ Drop Sheet W/Vacuum ____ None ____
3. Manometer? Yes ✓ No ____ Strip Chart Record? Yes ✓ No ____ Adequate Pressure? Yes ✓ No ____ Comments Below.
4. Containment Entry Log? Yes ✓ No ____
5. Containment and Decon maintained in accordance with accepted practices and procedures? Yes ✓ No ____ Comment below.
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? yes
7. Negative Air Exhaust Location: Window ____ Smoke Shaft ____ Stairs ✓ Unoccupied Space ✓
8. Site Security: 24 hr

SUMMARY OF ACTIVITIES

Mob/Demob FSR ✓ Prep FSR ✓ Removal FSR ✓ Waste Load Out FSR+C6 ✓ Detail Clean FSR+C6 ✓ Encapsulation FSR ✓ Clearance Testing ____ Tear Down ____

Visual Inspections: Pre-Abatement FSR ✓ Pre-Encapsulation FSR ✓ Pre-Clearance FSR ✓ Post Tear Down ____

Comments: Floor 3 Containment C6 (Room 317) scraping floor and detail cleaning

Fire Riser Cabinets Floors 14, 15, 16 in SE Stairs

Waste Generated: Hazardous ____ Non-Hazardous/Construction Debris ✓ Adequately Wet ____ Waste Load-Out? ✓

Packaging: Single 6 Mil ____ Double 6 Mil ✓ Barrels ____ Boxes ____ Burrito Wrap ____ Other ____

Hazardous Waste Manifest? No Waste Characterization? ✓ Labels? No Comments: ____

Location of Dumpster: Floor 1 SW garage area

Additional Worker PPE: Disposable Suits ✓ Gloves ✓ (Respirator) Half Face ✓ Full Face ✓ PAPR ____

Contractor Worker Exposure Monitoring? No # Workers Sampled Ø

On-Site Visitors: 1. ____ 2. ____ 3. ____ 4. ____

LaCroix Davis Project LOG
Date: 4/9/10

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: site & lab

FIELD SUPPLIES: PPE: Suits Day 2 | Swing? 6 to 9? Gloves (pairs) _____ Respirator filters: _____ Misc: _____

FSR Floor 3

- Gary - can you track the # of suits for the FSR separate? thanks

LAB EXPENSES: Type/No. Samples collected: Tape _____ Bulk _____ Air _____

Laboratory Name: EML P&K

Notes

DAY • JLS continues scraping mastic under cubicle partitions + general
meet w/ JLS ERamos to discuss tentative C6 schedule -
▸ cleaning under cubicles will be completed Friday 4/9
▸ detail cleaning will begin Friday 4/9 and conclude Saturday PM 4/
▸ clearance testing will occur Monday 4/12 AM
8 • meet w/ EML P&K to coordinate w/ lab analyst Brandon -
I will phone him 4/10 @ 8:00 AM to give him our plan for testing
saturday afternoon - based on when work concludes in FSR's
9 • meet w/ HTI to discuss stain floor at North perimeter wall and
probable water source (indoor plant/spill vs. outdoor leak)
enter containment and observe wall material removal at stain + floor scrap.
some rusting observed in wall cavity - source appears historic
leak beneath window - where precast panel meets metal at si
11 pk supplies at Grainger - Suits/resp. filters/resp wipes
13 JLS continues floor scrape
14 " " " " and detail
15: JLS checks all electrical covers to remove carpet
15: photo doc sealing cubicle feet and removal of
carpet remnants
15:30 Day shift concludes Swing begins - detail clean
Swing - process planned entire shift + Saturday Day shift.

Signature Monica Date 4/9/10

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** **DATE:** 4/9/10 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 **PAGE** 3 **OF** 4

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day____ Swing ✓ Weekend/Holiday____
Project	**Board of Equalization (BOE)**	Location(s):	Floor 16 Floor 15 Floor 14 Floor 3
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ACM LBP
LCD Project # -Task	**2372.0** 3 **-572; SOW** 5.0	**Description:** Fire Riser Cabinets	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0 separate log	**Description:** Floor 3 Containment	
LCD Project # -Task	**2372.0**____**-572; SOW** _____	**Description:**_____	

CONTAINMENT INFORMATION

1. Type of Containment: NPE ✓ Mini ✓ Barrier Tape_____ Minor Procedures _____ HEPA _____
2. Type of Decon: Shower_____ 2-Stage_____ 1Stage ✓ Drop Sheet W/Vacuum_____ None_____
3. Manometer? Yes ✓ No____ Strip Chart Record? Yes ✓ No ____ Adequate Pressure? Yes ✓ No ____ Comments Below.
4. Containment Entry Log? Yes ✓ No_____
5. Containment and Decon maintained in accordance with accepted practices and procedures? Yes___ No ___ Comment below.
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? _____
7. Negative Air Exhaust Location: Window_____ Smoke Shaft_____ Stairs_____ Unoccupied Space_____
8. Site Security: 24 hr

SUMMARY OF ACTIVITIES

Mob/Demob___ Prep___ Removal___ Waste Load Out___ Detail Clean___ Encapsulation___ Clearance Testing___ Tear Down___

Visual Inspections: Pre-Abatement____ Pre-Encapsulation____ Pre-Clearance_____ Post Tear Down_____

Comments:_____

Waste Generated: Hazardous ____Non-Hazardous/Construction Debris_____ Adequately Wet_____ Waste Load-Out? _____

Packaging: Single 6 Mil_____ Double 6 Mil _____ Barrels_____ Boxes_____ Burrito Wrap_____ Other_____

Hazardous Waste Manifest? _____ Waste Characterization? _____ Labels? _____ Comments: _____

Location of Dumpster: _____

Additional Worker PPE: Disposable Suits_____ Gloves _____ (Respirator) Half Face ____ Full Face ____ PAPR _____

Contractor Worker Exposure Monitoring? _____ # Workers Sampled _____

On-Site Visitors: 1._____ 2._____ 3._____ 4._____

LaCroix Davis Project LOG
Date: 4/9/10 & 4/10/10 (AM)

PERSONAL EXPENSES:

Hotel: _____ Per Diem: _____ Travel: _____ Destination: _____

FIELD SUPPLIES: PPE: Suits 15 Gloves (pairs) 15 Respirator filters: _____ Misc: _____

LAB EXPENSES: Type/No. Samples collected: Tape _____ Bulk _____ Air _____

Laboratory Name: _____

Notes

14 & 16 West Stairway

18:10 GWB Arrive

19:24 Crew begins to complete river containments & HTI gl. Bed

19:40 Inspected ~~ca~~ and approved containments

20:45 Begin inspecting top section encapsulation, complete @ 21:15

21:21 Enter CG pictures, crew is final cleaning & about 1/2 way through

21:33 Begin initial inspecting lower cut out sections, lunch break at 22:30

22:49 Complete initial inspections of lower cutout sections.

0:16 Begin inspection of lower sections & inspection after encapsulation

1:30 Inspection complete

1:30 GWB leave site

Signature P. Bayne

Date 4-9-10

LaCroix Davis LLC
Building & Environmental Forensics

PROJECT LOG **DATE:** 4/10/10

LACROIX DAVIS LLC
3685 MT. DIABLO BLVD. SUITE 210
LAFAYETTE, CA 94549
TEL 925-299-1140 FAX 925-299-1185

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day ✓ Swing ____ Weekend/Holiday ____
Project	**Board of Equalization (BOE)**	Location(s):	Floor 3 Floor 14 Floor 15 Floor 16
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM LBP
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0	**Description:** Floor 3 Containment	
LCD Project # -Task	**2372.0** 3 **-572; SOW** 5.0	**Description:** Fire Riser Cabinets F14,15	
LCD Project # -Task	**2372.0** ____ **-572; SOW** ____	**Description:** ____	

CONTAINMENT INFORMATION

1. Type of Containment: NPE ✓ Mini ✓ Barrier Tape ____ Minor Procedures ____ HEPA ____
2. Type of Decon: Shower ____ 2-Stage ____ 1Stage ✓ Drop Sheet W/Vacuum ____ None ____
3. Manometer? Yes ✓ No ____ Strip Chart Record? Yes ✓ No ____ Adequate Pressure? Yes ✓ No ____ Comments Below.
4. Containment Entry Log? Yes ✓ No ____
5. Containment and Decon maintained in accordance with accepted practices and procedures? Yes ✓ No ____ Comment below.
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? Yes
7. Negative Air Exhaust Location: Window ____ Smoke Shaft ____ Stairs ____ Unoccupied Space ✓
8. Site Security: 24 hr.

SUMMARY OF ACTIVITIES

Mob/Demob ✓ Prep ✓ Removal ~C7,C8, core Hall/NW Waste Load Out ____ Detail Clean ✓ C6 Encapsulation ____ Clearance Testing ✓ FSR F14,15/16 Tear Down ____

Visual Inspections: Pre-Abatement ✓ C7,C8,C9 Pre-Encapsulation ____ Pre-Clearance ✓ C6 Post Tear Down ____

Comments: ____

Waste Generated: Hazardous ____ Non-Hazardous/Construction Debris ____ Adequately Wet ____ Waste Load-Out? ____

N/A Packaging: Single 6 Mil ____ Double 6 Mil ____ Barrels ____ Boxes ____ Burrito Wrap ____ Other ____

Hazardous Waste Manifest? ____ Waste Characterization? ____ Labels? ____ Comments: ____

Location of Dumpster: ____

Additional Worker PPE: Disposable Suits ✓ Gloves ✓ (Respirator) Half Face ✓ Full Face ✓ PAPR ____

Contractor Worker Exposure Monitoring? Ø # Workers Sampled Ø

On-Site Visitors: 1. ____ 2. ____ 3. ____ 4. ____

LaCroix Davis Project LOG
Date: 4/10/10

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: site + lab

FIELD SUPPLIES: PPE: Suits #8 Gloves (pairs) #8 Respirator filters: 2 Misc: _____

LAB EXPENSES: Type/No. Samples collected: Tape _____ Bulk _____ Air 8

Laboratory Name: EML P&K

Notes

7- Detail Cleaning continues Floor 3 C6 (Room 317)
prep begins NW Core Hall at stairs door to restroom door <and with> then continues →
to prep begins C7 (Room 312); C8 (Room 322 at column M23);
C9 (Rooms 324 and 325); and C10 (Room 303)
8:40 NW corehall containment completed and removal begins at 8:45
9:08 No Visible Mold Growth was observed on any of the removed sheet rock
9:15 containment is cleaned to prepare for air testing
9:30 Final clearance performed in Fire sprinkler Riser Cabinets on Floors 14, 15, 16 with HTI WF and escort by JLS
Exterior sample collected then visual inspection performed Floor 3 Room 317 (C6) containment
10:20 continue air clearance for FSR F14, 15, 16
11:30 Sample COC and deliver to lab
13:00 inspect Room 303 containment
13:15 inspect Room 322 mini at column VMG behind column GB at base - JLS to determine additional fire wall removal
1405 inspect Room 321 containment carpet typical OK to dispose and begin scraping floor mastic
14:15 Inspect 324/325 containment - wall materials VMG at base North where elevator shaft abuts. carpet typical
Generate clearance memo for ~~elevator~~ fire riser cabinets Floors 14, 15 and 16.
15:00 crews perform clean up of gross debris and some detail cleaning of surfaces.
15:30 meet w/ GS re: tentative Monday schedule. ~~TEST 317 & corehall~~ detail cleaning 303, 312, 321, 324/325

Signature [signature] Date 4/10/10

LaCroix Davis LLC Building & Environmental Forensics	**PROJECT LOG** **DATE:** 8/5/11 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 **LCD REPS:** TM/ ; ; **PAGE** 1 **OF** 2

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day ✓ Swing ✓ Weekend/Holiday ___
Project	**Board of Equalization (BOE)**	Location(s):	Floor 21 Floor ___ Floor 16 Floor ___
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM LBP Other
LCD Project #	**2372.0** 2 **-572; SOW** 4.0	**Description:** 21 - HVAC	
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** 16 - 1616 + 1618	
LCD Project #	**2372.0** ___ **-572; SOW** ___	**Description:**	

CONTAINMENT INFORMATION

1. Floor Occupied ✓ Floor Vacant ✓
2. Containments: a) 1616, 1618, Hall b) ___ c) ___ d) ___ e) ___ f) ___
3. Type of Containment: NPE ✓ Mini ___ Barrier Tape ___ Minor Procedures ___ N/A ___
4. Type of Decon: Shower ___ 2-Stage ___ 1Stage ✓ Drop Sheet W/Vacuum ✓ None ___
5. Manometer: Yes ✓ No ___ Strip Chart Record: Yes ✓ No ___ Adequate Pressure: Yes ✓ No ___
6. Containment Entry Log: Yes ✓ No ___
7. Containment and Decon maintained in accordance with accepted practices and procedures: Yes ✓ No ___
8. HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes ✓ No ___
9. Negative Air Exhaust Location: Window ___ Shaft ___ Stairs ___ Interior ✓ Exterior ___
10. Security: Owner ✓ Contractor ___ Private ___ 24 hour ✓ Secure Building ✓

SUMMARY OF ACTIVITIES

Mob ✓ Prep ✓ Removal/Load Out ✓ Detail Clean ✓ Encapsulation ___ Clearance Testing ___ Tear Down ___ DeMob ___

Phase Completion Visual Inspection: Prep ✓ Removal ✓ Encapsulation ___ Clearance ___ Tear Down ___

Summary: perform remediation of Breakroom 1616 and expand to include adjacent areas in conference room 1618 and hall

Day - Floor 21 - collect samples HVAC Grids 1 → 13 w/ HT,

Waste: Non-Hazardous Construction Debris ✓ Hazardous Waste ___ Hazardous Waste Manifest ___

Container: 6 Mil ___ Double 6 Mil ✓ Barrel ___ Drum ___ Box ___ Burrito Wrap ___ Labels ___ Other ___

Location of Dumpster: Floor 16

Additional Worker PPE: Disposable Suit ✓ Gloves ✓ Eye Protection ___ Steel Toe ___ Hard Hat ___ Chem Apron ___

Respirator: Half Face ✓ Full Face ✓ PAPR ___ Supplied Air ___

Contractor Worker Exposure Monitoring Yes ___ No ✓ # Workers Sampled ___

On-Site Visitors: 1. ___ 2. ___ 3. ___ 4. ___

LaCroix Davis Project LOG
Date: 8/5/11 and 8/6/11

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: site & lab

FIELD SUPPLIES: PPE: Suits /// Gloves (pairs) /// Respirator filters: ____ Misc: ____

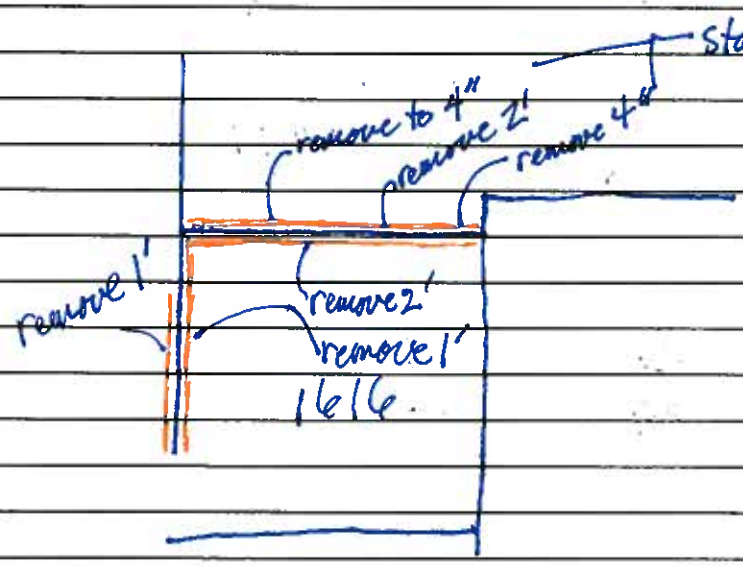
LAB EXPENSES: Type/No. Samples collected: Tape 8/5 13; 8/6 ____ Bulk 8/5 1; 8/6 ____ Air 8/6 4

Laboratory Name/Location: EML P&K, W. Sacto

Notes

8-1 meet w/ HTI - and perform surface sample collection at Floor 21 from GRID #1 thru GRID 13

1800 - prep begins Floor 16 - room 1616
complete containment and begin removal of wall/cabinet
expand containment to address staining in conference room 1618 and hallway at 1616. (2 popup/tents)



8/6 - testing 1616
continue sample collection Floor 21 Grids 14 to 30
develop assessment plan for Floor 21 and Floor 1 -
perform visual inspection Floor 1 NW HVAC room (mezzanine)

Signature ____ Date ____

Laboratory Reports

When quality and accuracy are critical.

9/26/2012

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

To Whom It May Concern:

The following data qualifier is reported for all samples in which prior to the release, the replicate quality control sample was not completed:

"Analysis of replicate sample is delayed."

In all instances where this data qualifier was reported for LaCroix Davis, LLC projects "DGS-BOE", all replicate samples have since been analyzed and quality control reviews have been completed. All reported data should therefore be considered accurate and final.

Please feel free to contact me if you have any further questions in this regard.

Sincerely,

Dr. Kamashwaran Ramanathan
Laboratory Director

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; Floors 14, 15, 16 FS Cabs
EML ID: 646538

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 04-10-2010

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.

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, Ms. Andrea Steinbach
Re: DGS-BOE; Floors 14, 15, 16 FS Cabs

Date of Sampling: 04-10-2010
Date of Receipt: 04-10-2010
Date of Report: 04-10-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-410-A01: Exterior North		2372-410-F16A02: Floor 16 Ambient SE Stairs		2372-410-F16A03: Floor 16 Containment FR Cabinet		2372-410-F15A04: Floor 15 Ambient SE Stairs	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	2864886-1		2864887-1		2864888-1		2864889-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13						
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*	24	1,300						
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	7	370	1	53	1	53		
Curvularia								
Epicoccum			1	13				
Fusarium								
Nigrospora								
Oidium								
Penicillium/Aspergillus types†	7	370						
Pithomyces								
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*	3	40	1	13	1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		3+		2+		2+	
Hyphal fragments/m3	40		13		< 13		< 13	
Pollen/m3	93		13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		2,100		93		67		13

Comments:
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then 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.

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

Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floors 14, 15, 16 FS Cabs

Date of Sampling: 04-10-2010
Date of Receipt: 04-10-2010
Date of Report: 04-10-2010

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-410-F15A05: Floor 15 Containment FR Cabinet		2372-410-F14A06: Floor 14 Ambient SE Stairs		2372-410-F14A07: Floor 14 Containment FR Cabinet		2372-410-A08: Exterior SW	
Comments (see below)	None		None		A		None	
Lab ID-Version‡:	2864890-1		2864891-1		2864892-1		2864893-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*							45	2,400
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	1	53					8	430
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium							1	13
Penicillium/Aspergillus types†							1	53
Pithomyces								
Rusts*			1	13			1	13
Smuts*, Periconia, Myxomycetes*							70	930
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		3+		3+		2+	
Hyphal fragments/m3	< 13		< 13		< 13		53	
Pollen/m3	< 13		< 13		13		330	
Skin cells (1-4+)	< 1+		< 1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		53		13		< 13		3,800

Comments: A) No spores detected.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then 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.

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

Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floors 14, 15, 16 FS Cabs

Date of Sampling: 04-10-2010
Date of Receipt: 04-10-2010
Date of Report: 04-10-2010

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372-410-A01, Exterior North

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	13	7	27	220	43	7	27	230	56
Bipolaris/Drechslera group	-	7	13	140	12	7	13	130	13
Chaetomium	-	7	13	120	12	7	13	120	20
Cladosporium	370	27	310	4,200	91	53	630	7,100	97
Curvularia	-	7	13	240	7	7	13	230	7
Nigrospora	-	7	13	95	8	7	13	180	8
Penicillium/Aspergillus types	370	14	160	1,500	72	33	210	2,500	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	-	7	13	170	11	7	13	150	12
Seldom found growing indoors**									
Ascospores	-	13	110	2,900	74	13	110	2,000	70
Basidiospores	1,300	13	200	5,500	88	13	210	8,000	93
Oidium	-	7	20	240	21	7	13	190	20
Rusts	-	7	20	250	22	7	13	270	28
Smuts, Periconia, Myxomycetes	40	7	33	440	60	8	40	510	69
§ TOTAL SPORES/m3	2,100								

† 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.

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

Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floors 14, 15, 16 FS Cabs

Date of Sampling: 04-10-2010
Date of Receipt: 04-10-2010
Date of Report: 04-10-2010

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372-410-A08, Exterior SW

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: April				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	27	220	43	7	27	230	56
Bipolaris/Drechslera group	-	7	13	140	12	7	13	130	13
Chaetomium	-	7	13	120	12	7	13	120	20
Cladosporium	430	27	310	4,200	91	53	630	7,100	97
Curvularia	-	7	13	240	7	7	13	230	7
Nigrospora	-	7	13	95	8	7	13	180	8
Penicillium/Aspergillus types	53	14	160	1,500	72	33	210	2,500	85
Stachybotrys	-	7	13	310	3	7	13	250	5
Torula	-	7	13	170	11	7	13	150	12
Seldom found growing indoors**									
Ascospores	-	13	110	2,900	74	13	110	2,000	70
Basidiospores	2,400	13	200	5,500	88	13	210	8,000	93
Oidium	13	7	20	240	21	7	13	190	20
Rusts	13	7	20	250	22	7	13	270	28
Smuts, Periconia, Myxomycetes	930	7	33	440	60	8	40	510	69
§ TOTAL SPORES/m3	3,800								

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

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

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

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

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

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

CHAIN OF CUSTODY EMLab P&K

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
None	X	X	X		
Light					
Moderate				X	
Heavy					

LEVEL

000646538

CONTACT INFORMATION

Company: LaCroix Davis, LLC
Contact: C Carpio; T. Ices; A. Stembach
Phone:
Address: 3685 Mt. Diablo Blvd. Ste 210 Lafayette, CA 94549
Special Instructions:

PROJECT INFORMATION

Project ID: DGS - BOE
Project Desc.: Floors 14, 15, 16 FS Cabs
Project Zip Code:
Sampling Date & Time: 4/10/10 9:30
PO Number: 2372.03 - 572

TURNAROUND 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.

REQUESTED SERVICES (✓ Box)

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	Notes (Time origin, Temp, RH, etc.)	Fungi - Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count, Direct Exam	1-Media Surface Fungi (Genus ID + Agg. spp.)	2-Media Surface Fungi (Genus ID + Agg. spp.)	3-Media Surface Fungi (Genus ID + Agg. spp.)	Culturable Air Fungi (Genus ID + Agg. 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	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
2372 410-A01	Exterior North	ST	WH	75	9:30	X																
2372 410-F16A02	Floor 16 Ambient SE Stairs	ST	WH	75		X																
2372 410-F16A03	Floor 16 Containment FR Cabinet	ST	WH	75		X																
2372 410-F15A04	Floor 15 Ambient SE Stairs	ST	WH	75		X																
2372 410-F15A05	Floor 15 Containment FR Cabinet	ST	WH	75		X																
2372 410-F14A06	Floor 14 Ambient SE Stairs	ST	WH	75		X																
2372 410-F14A07	Floor 14 Containment FR Cabinet	ST	WH	75		X																
2372 410-A08	Exterior SW	ST	WH	75	11:30	X																

SAMPLE TYPE CODES

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

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
Ohernicka	4/10/10 1200	Brandon Bedan	4/10/10 @ 1145

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at www.emlabpk.com/terms.html
Copyright © 2002-2009 EMLab P&K

4/10/10 F14 F15 F16 Fire Sprinkler Riser Cabinets AIR

EMLab P&K

Report for:

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

Regarding: Project: DGS-BOE; Floor 16 Room 1616
EML ID: 814257

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 08-06-2011

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

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
Re: DGS-BOE; Floor 16 Room 1616

Date of Sampling: 08-06-2011
Date of Receipt: 08-06-2011
Date of Report: 08-06-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-806-F16A01: Exterior NE		2372-806-F16A02: Floor 16 Ambient - Hall		2372-806-F16A03: Room 1616 Containment		2372-806-F16A04: Exterior SW	
Comments (see below)	A		B		B		B	
Lab ID-Version‡:	3610048-1		3610049-1		3610050-1		3610051-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	2	27					3	40
Arthrinium								
Ascospores*	1	53					1	53
Aureobasidium								
Basidiospores*							1	53
Bipolaris/Drechslera group								
Chaetomium	1	13						
Cladosporium	40	2,100					33	1,800
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium	1	13						
Penicillium/Aspergillus types†	33	480						
Pithomyces								
Rusts*	2	27					1	13
Smuts*, Periconia, Myxomycetes*	14	190	1	13			7	93
Stachybotrys								
Stemphylium								
Torula							3	40
Ulocladium								
Background debris (1-4+)††	3+		2+		2+		2+	
Hyphal fragments/m3	110		< 13		< 13		40	
Pollen/m3	40		13		< 13		80	
Skin cells (1-4+)	1+		1+		2+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		2,900		13		< 13		2,100

Comments: A) 32 of the raw count *Penicillium/Aspergillus* type spores were present as a single clump. Analysis of replicate sample is delayed. Secondary data review is delayed. B) Analysis of replicate sample is delayed. Secondary data review is delayed.

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium*, *Paecilomyces*) are small and round with very few distinguishing characteristics. They cannot be differentiated by non-viable sampling methods. Also, some species with very small spores are easily missed, and may be undercounted.
††Background debris indicates the amount of non-biological particulate matter present on the trace (dust in the air) and the resulting visibility for the analyst. It is rated from 1+ (low) to 4+ (high). Counts from areas with 4+ background debris should be regarded as minimal counts and may be higher then 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.

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
Re: DGS-BOE; Floor 16 Room 1616

Date of Sampling: 08-06-2011
Date of Receipt: 08-06-2011
Date of Report: 08-06-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372-806-F16A01, Exterior NE

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: August				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	27	7	40	600	67	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	27	7	13	130	12
Chaetomium	13	7	13	160	12	7	13	120	19
Cladosporium	2,100	53	830	13,000	97	53	590	7,800	96
Curvularia	-	7	27	810	33	7	13	230	7
Nigrospora	-	7	20	280	26	7	13	200	9
Penicillium/Aspergillus types	480	27	240	3,500	79	33	210	2,400	83
Stachybotrys	-	7	13	310	3	7	13	210	4
Torula	-	7	13	170	15	7	13	160	11
Seldom found growing indoors**									
Ascospores	53	13	310	6,200	85	13	110	2,100	69
Basidiospores	-	27	640	28,000	95	13	210	8,800	92
Oidium	13	7	13	210	17	7	13	200	18
Rusts	27	7	25	390	29	7	13	270	24
Smuts, Periconia, Myxomycetes	190	7	53	970	75	7	40	570	66
§ TOTAL SPORES/m3	2,900								

† 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.

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
Re: DGS-BOE; Floor 16 Room 1616

Date of Sampling: 08-06-2011
Date of Receipt: 08-06-2011
Date of Report: 08-06-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372-806-F16A04, Exterior SW

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: August				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	40	7	40	600	67	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	27	7	13	130	12
Chaetomium	-	7	13	160	12	7	13	120	19
Cladosporium	1,800	53	830	13,000	97	53	590	7,800	96
Curvularia	-	7	27	810	33	7	13	230	7
Nigrospora	-	7	20	280	26	7	13	200	9
Penicillium/Aspergillus types	-	27	240	3,500	79	33	210	2,400	83
Stachybotrys	-	7	13	310	3	7	13	210	4
Torula	40	7	13	170	15	7	13	160	11
Seldom found growing indoors**									
Ascospores	53	13	310	6,200	85	13	110	2,100	69
Basidiospores	53	27	640	28,000	95	13	210	8,800	92
Oidium	-	7	13	210	17	7	13	200	18
Rusts	13	7	25	390	29	7	13	270	24
Smuts, Periconia, Myxomycetes	93	7	53	970	75	7	40	570	66
§ TOTAL SPORES/m3	2,100								

† 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.

CHAIN OF CUSTODY EMLab P&K

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

000814257

WEATHER	Fog	Rain	Snow	Wind	Clear
LEVEL: None					✓
Light					
Moderate					
Heavy					

CONTACT INFORMATION

Company: LaCroix Davis, LLC
Contact: C. Corpuz; T. Tice
Phone: 925-799-5842
Address: 3685 Mt. Diablo Blvd Ste 210 Lafayette, CA 94549
Special Instructions: email contacts

PROJECT INFORMATION

Project ID: DGS-BOE
Project Desc.: Floor 16 room 1616
Project Zip Code:
Sampling Date & Time: 8/6/11 1530
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

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

REQUESTED SERVICES (✓ Box)

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of Day, Temp, RH, etc.)	Fungi - Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Aspl. 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	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
2372-806-F16A01	Exterior NE	ST	WH	75	14:31	X																
2372-806-F16A02	Floor 16 Ambient - Hall	ST	WH	75		X																
2372-806-F16A03	Room 1616 Contaminant	ST	WH	75		X																
2372-806-F16A04	Exterior SW	ST	WH	75	15:20	X																

SAMPLE TYPE CODES

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

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[illegible]	8/6/11 1526	[illegible]	8/6/11 1545

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at http://www.emlab.com/s/main/serviceterms.html
Copyright © 2002-2009 EMLab P&K

8/6/11 F16 Room 1616 AIR