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LaCroix Davis LLC

November 1, 2012

Mr. Mike Moore
California Department of General Services
Professional Services Branch
707 Third St., 3rd Floor
W. Sacramento, CA 95605

RE: California State Board of Equalization
Closure Report Addenda

In February 2012, LaCroix Davis LLC (LCD) and the Department of General Services Mold Remediation Project Team completed the mold remediation activities initially scheduled for the State Board of Equalization (BOE) building located at 450 N Street, Sacramento, California. At the completion of mold activities on each floor (except Floors 22 through 24), a closure report for the completed floor was issued by LCD to summarize key events of the project. Subsequent to the completion and release of these closure reports, information not previously available and information documenting additional mold-related activities was compiled by LCD. A Closure Report Addendum of this information has been prepared for each floor and is submitted to you by means of this submittal.

This submittal package includes the following:

- Four (4) hardcopy sets of individual Closure Report Addenda for Floors 1 through 21.
- Each hardcopy set includes a DVD with electronic files of the complete contents presented in the Closure Report Addenda.
- Four (4) binders containing Additional Information for activities in which LCD was involved on Floors 22 through 24; LCD was not involved in the initial remediation of mold on these three floors and the original Closure Reports for these floors were issued by BioMax.

Each recipient of a hardcopy set and binder will be instructed to insert each Closure Report Addendum into the rear of its respective Closure Report. LCD has included a "tab" so that this section of the report can be easily accessed in the future. It is intended that as new information is generated for a specific floor, the new information will be added to this section of the Closure Report.

Very truly yours,
LaCroix Davis LLC

Chris Corpuz, MS, CIH, CAC
Senior Manager

Building Forensics
Environmental Forensics
Environment Health Safety
3685 Mt. Diablo Blvd., Suite 210 • Lafayette, CA 94549 • p (925) 299-1140 • f (925) 299-1185 • www.lacroixdavis.com

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

Mold Remediation – Fourth 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 4 Closure Report

Building Environmental EHS Consulting
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1.0 Introduction

On August 26, 2009, LaCroix Davis LLC (LCD) and the Department of General Services Mold Remediation Project Team completed the mold remediation activities initially scheduled for Floor 4 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.

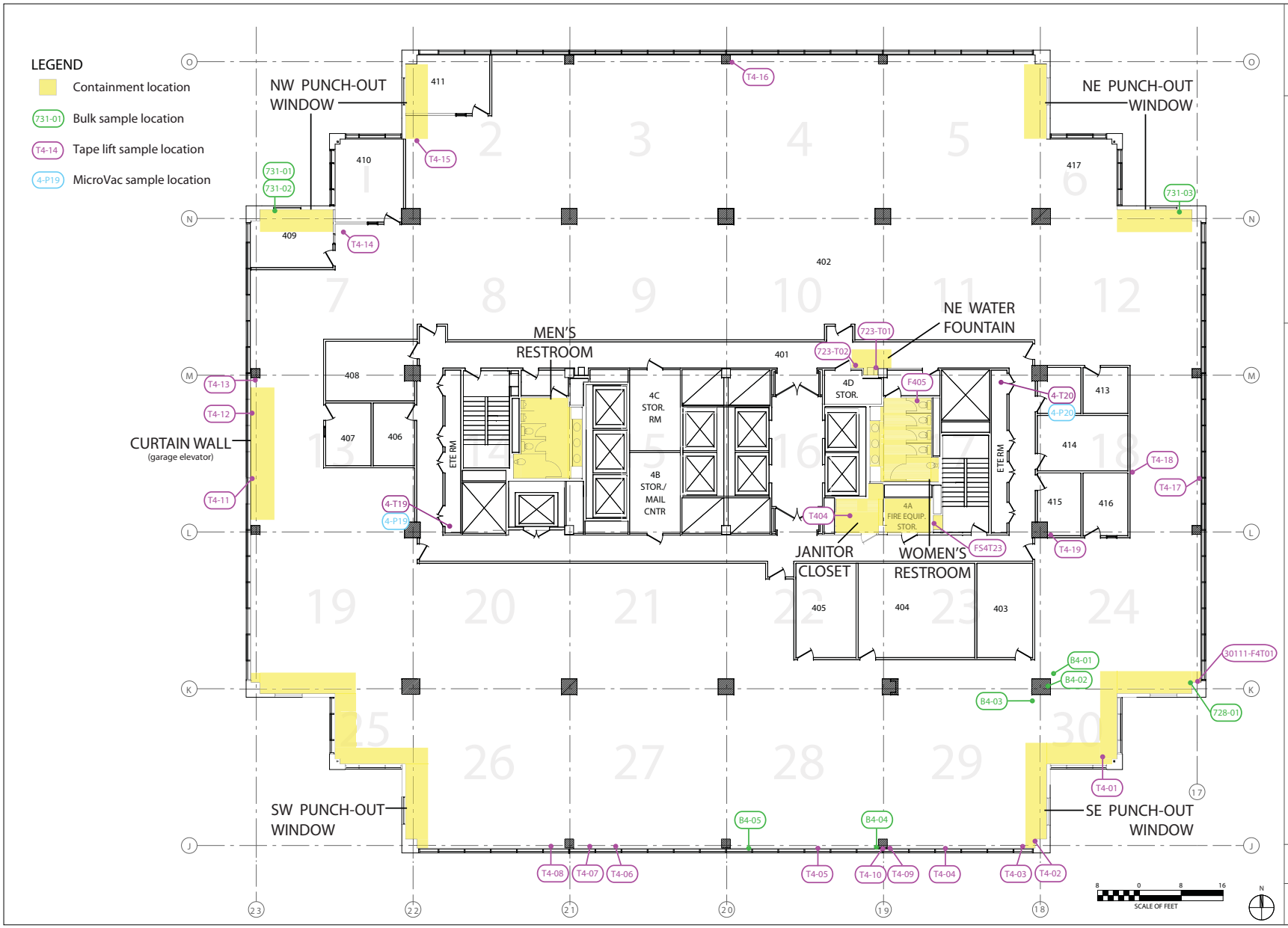
Subsequent to the completion of the closure report, a need for additional investigation and/or remediation activities was identified. Identified areas were subjected to sampling. Using a combination of surface tape lift and/or bulk samples, LCD tested stains on walls and other building materials to determine 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 presented in this addendum.

2.0 Additional Activities

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

May 2010 Fire Sprinkler Riser Cabinet	Inspection, testing, and remediation.
December 2010, February 2011 Room 4A, Fire Equipment Storage Room	Both rooms were inspected after being impacted by a leak from the janitor room sink on Floor 5 above. Room 4A was remediated. Stained fireproofing was marked.
March – April 2011 Column K-17, SE Quadrant	Inspection and remediation of stains on gypsum board and fireproofing caused by a leak through the exterior wall panels. Stained fireproofing was marked.
February 2012 Janitor Room	Replacement of vinyl composite tiles with epoxy floor to match upgraded flooring in other janitor rooms.
May 2012 Rooms 415, 416	Inspection and remediation materials damaged by a water intrusion that also impacted the floor below.



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

4th Floor

Figure 2

Daily Logs

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** DATE: 5/2/10 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 LCD REPS: TW ; ; 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 1 Floor 3 Floor 4 Floor 5
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ACM LBP
LCD Project # -Task	**2372.0 3 -572; SOW 5.0**	**Description:** Floor 1 SE Hall E	
LCD Project # -Task	**2372.0 3 -572; SOW 5.0**	**Description:** Fire Risers 3,4,5	
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 ✓ Waste Load Out ✓ Detail Clean ✓ Encapsulation ✓ Clearance Testing___ Tear Down___

Visual Inspections: Pre-Abatement ✓ Pre-Encapsulation ✓ Pre-Clearance ✓ Post Tear Down_____

Comments: Floor 1 SE Hall E Remove cove base and Gypboard

Floors 3,4,5 Fire Risers SE - access, clean + encap

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? N Waste Characterization? Y Labels? N

Location of Dumpster: Floor 1 SW garage

Comments: _____

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

Contractor Worker Exposure Monitoring? No # Workers Sampled —

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

LaCroix Davis Project LOG
Date: 5/7/10

PERSONAL EXPENSES:

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

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

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

Laboratory Name: _____

Notes

6 PM} JLS mobilizes to Floors 1 SE and Floors 3,4,5
1800} Fire Risers
2000 containments complete - all areas OK start
Floor 1 inspection as bottom 4" of gypboard wall is removed
No suspect VMG on reverse side of gypboard -
suspect water stain on opposite wall Sample # F1SE-T01
21:10 inspect Floor 4 Fire Riser removal & photo doc conditions
prior to detail cleaning - (No suspect stains observed)
21:20 inspect Floor 3 Fire Riser removal & photo doc conditions
prior to detail cleaning
21:30 inspect Floor 5 Fire Riser removal & photo doc conditions
prior to detail cleaning
crew break 21:30 to 22:15
22:15 Floor 1 hall - crew cleans up prior to sealing wall cavity.
with poly for testing, to ≈ 2 hours expected time
23:00 inspect Fire Riser cabinets pre encap -
24:10 OK to encap, all 3 FR cabinets
perform photo doc encap during clearance
testing 5/8/10.
communicate w/ HTI WEney and JLS GS via email
to coordinate meeting at 10 AM 5/8/10 to
perform testing of containments.
5/8/10 9:00 to 1:00 clearance testing, COC, lab transm

Signature [signature] Date 5/7/10

LaCroix Davis LLC
Building & Environmental Forensics

PROJECT LOG **DATE:** 12/20/10

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 19 Floor 1 Floor 5 Floor 4
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM ____ LBP ____ Other ____
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0	**Description:** 19- Containments	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** 5 & 4 water leak	
LCD Project # -Task	**2372.0** ____ **-572; SOW** ____	**Description:** ____	

CONTAINMENT INFORMATION

1. Floor Occupied 5 & 4 Floor Vacant 19
2. Containments: a) 4-South b) 19- North c) 1917 d) ____ e) ____ f) ____
3. Type of Containment: NPE 1990 4th Mini ____ Barrier Tape ____ Minor Procedures ____ N/A ____
4. Type of Decon: Shower ____ 2-Stage ✓ 19.5 1Stage 1909 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 19 N. Removal/Load Out 19 S Detail Clean ____ Encapsulation ____ Clearance Testing ____ Tear Down ____ DeMob ____

Phase Completion Visual Inspection: Prep 4A, 5A, Janitor Removal ____ Encapsulation ____ Clearance ____ Tear Down ____

Summary: 19- removal floor adhesive, south containment
19 - prep furniture and modular furn -
1- after hours inspect carpet 117 & 118 and ~~137~~ 143
4A, 5A, AND HALL, Janitor and SE Stairs - test walls & Seal
with poly - install critical barriers on 4A, 5A and Janitor
Rm. - utilize air movers to dry walls. wrap wet boxes in 5A
for disposal - perform cove base removal PM to develop SOW

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 1 SW Garage

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. K. Firchau 2. ____ 3. ____ 4. ____

LaCroix Davis Project LOG
Date: 12/20/10

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: Site

FIELD SUPPLIES: PPE: Suits 1 Gloves (pairs) 1 Respirator filters: ____ Misc: ____

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

Laboratory Name/Location: ____

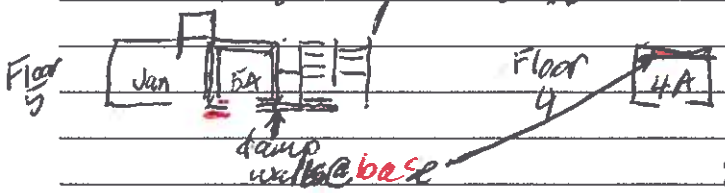
Notes

Shift to 3:30

8:30 Floor 19 - prep in North - modular - seal w/ poly + tape
- removal adhesive continues 19 South
second pass moving South to SE.

9:20 Floor 5 - Room 5A and Janitor Room install air movers to dry damp wall materials at cove base - check CB in PM
Floor 4 Room 4A install air movers to dry damp wall (North) Check CB in PM.

11 - Break -
11:45 discuss w/ M Moore approach to Floor 5 & 4 as per protocol
Conf. call w/ CC and WF (HTI) to review response actions and adjust as necessary to ensure as per protocol.



4A North wall
5A all walls
5 Janitor East wall
} monitor daily for changes

Crew continues work on floor 19 South - adhesive removal and North prep mod furniture
14:00 set up PM work w/ DVS TW and HTI - LS meet on 5 at 6 PM
14:15 Observe 19 South conditions & procedures - work continues South to SE - 2nd scrape & lifting modulars
18:00 perform 4A cove base investigation - VMG observed
perform Floor 4 Fireproofing inspection at 4A Hall - No stains observed

Signature Thomas Da Date 12/20/10

LaCroix Davis LLC Building & Environmental Forensics	**PROJECT LOG** DATE: 12/21/10
	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 4,5/19 Swing ✓1 Weekend/Holiday
Project	**Board of Equalization (BOE)**	Location(s):	Floor 19 Floor 5 Floor 4 Floor 1
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM LBP Other
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0	**Description:** 19 containments	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** 4,5 floor 4A, 5A hall5	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** floor 1 carpet	

CONTAINMENT INFORMATION

1. Floor Occupied 1,4,5 Floor Vacant 19
2. Containments: a) 19-South b) 19-1917 c) 19-North d) ____ e) ____ f) ____
3. Type of Containment: NPE____ Mini____ Barrier Tape____ Minor Procedures ____ N/A ____
4. Type of Decon: Shower____ 2-Stage 19-5 1Stage____ Drop Sheet W/Vacuum____ None____
5. Manometer: Yes 19-5 No____ Strip Chart Record: Yes 19-5 No ____ Adequate Pressure: Yes 19-5 No ____
6. Containment Entry Log: Yes 19-5 No____
7. Containment and Decon maintained in accordance with accepted practices and procedures: Yes 19-5 No ___
8. HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes ✓ No ___
9. Negative Air Exhaust Location: Window____ Shaft____ Stairs____ Interior 19-5 Exterior ____
10. Security: Owner ✓ Contractor ____ Private____ 24 hour ✓ Secure Building ✓

SUMMARY OF ACTIVITIES

Mob____ Prep 19N Removal/Load Out___ Detail Clear 19-5 Encapsulation___ Clearance Testing___ Tear Down___ DeMob____

Phase Completion Visual Inspection: Prep____ Removal____ Encapsulation____ Clearance____ Tear Down____

Summary: Detail cleaning Floor and cracks 19 South

Floor 4 and 5 check wall moisture content, seal the cove base w/tape where it is not perfectly attached, cracked or slightly pulled away.

PM Floor 1 - test carpet in Rooms 143, 117, 118 using portable Neg Pressure mini-enclosure/chamber

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 1 SW Garage

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. K. Firchau 2.____ 3.____ 4.____

LaCroix Davis Project LOG
Date: 12/21/10

PERSONAL EXPENSES:

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

FIELD SUPPLIES: PPE: Suits 1 Gloves (pairs) 4 Respirator filters: ____ Misc: ____

LAB EXPENSES: Type/No. Samples collected: Tape 4 Bulk ____ Air ____

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

Notes

shift 7-3:30 AM and 6-8 PM Floor / Carpet
19-South continue adhesive removal - 2nd pass SE to NE
begin cleaning walls, ceilings, floors - HEPA + wet wipe

meet w/ Travis + discuss work plan & testing tentative schedule
continue prep N North complete 1917 prep + perform remediation
also discuss PM Carpet Sampling Floor 1 start at 1800.

meet w/ HTI re: flood 4A, 5A, Jan 5 stairwell 5 and related Hall
perform inspection of walls to identify changed conditions
apply tape to seal Cove base to wall where it isn't tightly sealed
photo doc conditions and procedures floor 19 South

1800 perform inspection of Rooms 117, 118 and 143 w/ HTI & JLS
carpet.

Signature [signature] Date 12/21/10

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** DATE: 12/22/10
	LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 **LCD REPS:** TMJ ; CD ; _____ **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 19 Floor 1 Floor 4 Floor 5
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM ___ LBP ___ Other ___
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0	**Description:** 19 Containments	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** Floor 4 and 5 flood	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** Floor 1 Rm 143	

CONTAINMENT INFORMATION

1. Floor Occupied 4,5 Floor Vacant 19
2. Containments: a) 19-South b) 19-North c) 1917 d) ___ e) ___ f) ___
3. Type of Containment: NPE 19-South Mini ___ Barrier Tape ___ Minor Procedures ___ N/A ___
4. Type of Decon: Shower ___ 2-Stage 19-South 1Stage ___ Drop Sheet W/Vacuum ___ None ___
5. Manometer: Yes 19-S No ___ Strip Chart Record: Yes 19-S No ___ Adequate Pressure: Yes 19-S No ___
6. Containment Entry Log: Yes 19-S 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 19-S Exterior ___
10. Security: Owner ✓ Contractor ___ Private ___ 24 hour ✓ Secure Building ✓

SUMMARY OF ACTIVITIES

Mob ___ Prep 19-N Removal/Load Out ___ Detail Clean 19-S Encapsulation ___ Clearance Testing ___ Tear Down ___ DeMob ___

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

Summary: detail cleaning 19 South - floor, walls, ceilings, cracks

Floors 4,5: inspect water impacted surfaces and install dehumidification units in rooms JANITOR, 5A and 4A.

Floor 1: Room 143 South perimeter

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 1 SW Garage

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: 12/22/10

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: site.

FIELD SUPPLIES: PPE: Suits 1 Gloves (pairs) 1 Respirator filters: _____ Misc: _____

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

Laboratory Name/Location: _____

Notes

Shift 7-3:30 - weekly construction meeting 9:30-11:
Begin final cleaning floor-wipe, vacuum and brush cracks
complete detail cleaning at 12:44 -
perform final visual inspection - ok testing Thursday.
prep begins w/ crew in North area - continues to 15:30

schedule PM: installation of dehumidifiers in 4A, 5A and 5 janitor rooms
inspect coveface in 143 South wall.
1800 complete installation of DeHumi's
follow up check of Room 143 South wall
gypboard is furred out from walls beneath windows
and on precast concrete walls. Dark stain
is visible on carpet at bottom edge of cove base.
cubicle/modular furniture blocks inspection
of 90% of South wall -

Signature [signature] Date 12/22/10

LaCroix Davis LLC Building & Environmental Forensics	**PROJECT LOG** DATE: 12/23/10 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 **LCD REPS:** TM1 ; ; **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 19 Floor ___ Floor 4 Floor 5
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM ___ LBP ___ Other ___
LCD Project # -Task	**2372.0** 2 **-572; SOW** 5.0	**Description:** Floor 19 Containments	
LCD Project # -Task	**2372.0** 2 **-572; SOW** 4.0	**Description:** Floor 4 & 5	
LCD Project # -Task	**2372.0** ___ **-572; SOW** ___	**Description:** ___	

CONTAINMENT INFORMATION

1. Floor Occupied ___ Floor Vacant ✓
2. Containments: a) 19-South b) 19-North c) 1917 d) ___ e) ___ f) ___
3. Type of Containment: NPE 19-South Mini ___ Barrier Tape ___ Minor Procedures ___ N/A ___
4. Type of Decon: Shower ___ 2-Stage 19-So. 1Stage ___ Drop Sheet W/Vacuum ___ None ___
5. Manometer: Yes 19-S No ___ Strip Chart Record: Yes 19-S No ___ Adequate Pressure: Yes 19-S No ___
6. Containment Entry Log: Yes 19-S No ___
7. Containment and Decon maintained in accordance with accepted practices and procedures: Yes 19-S No ___
8. HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes ✓ No ___
9. Negative Air Exhaust Location: Window ___ Shaft ___ Stairs ___ Interior 19-So. Exterior ___
10. Security: Owner ✓ Contractor ___ Private ___ 24 hour ✓ Secure Building ✓

SUMMARY OF ACTIVITIES

Mob ___ Prep 19N Removal/Load Out ___ Detail Clean ___ Encapsulation ___ Clearance Testing 19-S Tear Down ___ DeMob ___

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

Summary:

Perform Clearance Testing - 19 South

continue prep 19-North

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 1 SW Garage

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: 12/23/10

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 _____ Bulk _____ Air 8

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

Notes

Shift 7-3:30 + review lab report & issue clearance memo
continue prep 19 North
meet w/ JLS discuss checking dehumidifiers on floor 4 & 5
discuss todays work plan - prep 19-North
observe
10:30 perform clearance testing 19 South w/ HTI
12 deliver samples to lab + COC
prep continues North 19

Signature _____ Date _____

LaCroix Davis LLC
Building & Environmental Forensics

PROJECT LOG **DATE:** 2/11/11 2/12/11

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

LCD REPS: JMI ; _____ ; _____ **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 4 Floor____ Floor____ Floor____
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold; ACM LBP; Other
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** 4A remediation	
LCD Project #	**2372.0**____**-572; SOW** _____	**Description:**	
LCD Project #	**2372.0**____**-572; SOW** _____	**Description:**	

CONTAINMENT INFORMATION

1. Floor Occupied ✓ Floor Vacant _____
2. Containments: a) 4A 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: remediation of 4A = removal of 1st layer and cleaning 2nd layer - encap second layer at cleaned locations

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 1 SW Garage

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 Ø

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

LaCroix Davis Project LOG
Date: 2/11/11
2/12/11

PERSONAL EXPENSES:

Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: 2x site and lab

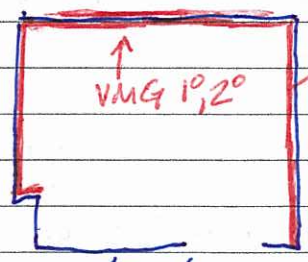
FIELD SUPPLIES: PPE: Suits 11 Gloves (pairs) 11 Respirator filters: 2 Misc: —

LAB EXPENSES: Type/No. Samples collected: Tape _____ Bulk _____ Air 5 = 2/11
2/12 = 4

Laboratory Name/Location: EML P&K

Notes

11:30 Shift to continue until complete
Greg identifies scope and location to supv. Jimmy
HTI - KT onsite
1800 mobilize to floor 4 - begin prep
perform cove base inspection floor 5 South & West core hallway.
perform floor 1 Fire Control Room plenum inspection w/ JLS
1900 prep completed floor 4 Fire control Room 4A prep inspection OK begin removal - crew break then setup.
19:30 Begin wall removal



Bottom 2' of 1st layer removed
2° cleaned and encapsulated.

21:30 set up clearance testing 11:00 AM w/ HTI & JLS. 2/12/11

2/12 10:30 Contact JLS and HTI to coordinate clearance sampling, prep for sampling.
11:00 begin air sampling
11:45 complete sample CoC and deliver to lab
stand by for analytical results.
notify JLS and HTI

Signature [signature] Date 2/11/11
2/12/11

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** DATE: 3/01/11 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 LCD REPS: TMI ; ; 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 1 Floor 4 Floor___ Floor___
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ACM LBP Other
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** Room 143 #1	
LCD Project #	**2372.0** 2 **-572; SOW** 4.0	**Description:** Floor 4 SE Punch Out cube 76	
LCD Project #	**2372.0** 2 **-572; SOW** 4.0	**Description:** Floor 1 Reception	

CONTAINMENT INFORMATION

1. Floor Occupied ✓ Floor Vacant ___
2. Containments: a) 143 #1 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 19:00 ✓ Detail Clean ___ Encapsulation ___ Clearance Testing ___ Tear Down ___ DeMob ___

Phase Completion Visual Inspection: Prep 19:00 Removal ___ Encapsulation ___ Clearance ___ Tear Down ___

Summary: Repair containment 143 to 19:00
inspect water stain ceiling Floor 4 SE Punch Out (collect sample)
inspect water stain ceiling Floor 1 Reception Lobby at House phones
Removal carpet and adhesive Room 143 containment #1
Waste load out debris.

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 1 SW Garage

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 Ø

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

LaCroix Davis Project LOG
Date: 3/01/11

PERSONAL EXPENSES:

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

FIELD SUPPLIES: PPE: Suits 11 Gloves (pairs) 11 Respirator filters: ____ Misc: ____

LAB EXPENSES: Type/No. Samples collected: Tape 1 (floor 4 SE) Bulk ____ Air ____

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

Notes

17:00 meet w/ Joan re: inspect at stained ceiling tiles w/ M. Hay
17:30 inspect Floor 1 at house phones - stain GB and FP out of reach not sampled
1800 inspect Floor 4 at SE Punch Out - cube 76 - stain GB and FP above ceiling
test GB - FP not accessed - will need JLS assistance for clean up
and painting following sampling FP at both locations.
18:45 - Room 143 prep complete - OK for removal of carpet.
19:00 - crew suits up and begins carpet removal & cove base
inspect conditions and photodoc - No suspect stains on GB
20:00 Break then begin bag and load out of carpet
21:00 Lunch Break - then continue load out and begin
scraping adhesive off floor.
22:00 check containment integrity - make up air filters and Exhaust OK
Scraping floor adhesive continues.
23:00 Crew continues to work on floor adhesive
00:00 floor adhesive removal using razor scrapers continues
crew will continue to 2:00 AM ✓

Signature [signature] Date 3/01 - 3/02/1

LaCroix Davis
Building & Environmental Forensics

PROJECT LOG **DATE:** 4/29/11 - 4/30/11

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

LCD REPS: TMI ; ; **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 1 Floor 4 Floor 22 Floor ___
Building	**450 N Street, Sacramento CA**	Compound(s) of Concern	Mold ✓ ACM LBP Other ✓ odor
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** Cafe 3 Mini's	
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** Floor 4 SE@K17	
LCD Project #	**2372.0** 2 **-572; SOW** 5.0	**Description:** Floor 22 men women	

CONTAINMENT INFORMATION

1. Floor Occupied ✓ Floor Vacant ___
2. Containments: a) trash venting b) trash loto c) col loto d) 4 SE K17 e) 22 men f) 22 women
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 1&4 Prep 1&4 Removal/Load Out 1&4 Detail Clean 1&4 Encapsulation 1&4 (22 men + women) Clearance Testing ___ Tear Down ___ DeMob ___

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

Summary: perform remediation at 3 locations in cafeterias
perform remediation at 1 location Floor 4 SE at K17
encapsulate surfaces in men & women Floor 22

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 1 SW Garage

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: 4/29/11 & 4/30/11

PERSONAL EXPENSES:

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

FIELD SUPPLIES: PPE: Suits 5 Gloves (pairs) 5 Respirator filters: ✓ Misc: ✓

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

Laboratory Name/Location: EML PTK

Notes

1800 JLS mob's equip to Cafe and Floor 4 begins prep
- 3 Containments Cafe Floor 1
  - 1- Trash at Vending (not including reverse in Kitchen)
  - 2- Trash at LOTO machine
  - 3- column at LOTO machine
- 1 Containment Floor 4
  - 1- SE Punch out Column K17
- 22 Encapsulation of men's & womens restrooms

19:45 • Check Encap men's & women's restrooms Floor 22 ok for testing Sat AM
• check progress Floor 4 and Cafeteria
21:30 prep continues Cafe and Floor 4
NOTE: 22 Men's - cavity floor near drain pipe - ½ opening to aux shaft (this condition hasn't been observed on other floors) discuss w/ Milton to patch as may be odor pathway to RR exhaust fan!
22:45 Removal Cafe Trash at Vending begins
observe & photo doc 3 containments in Cafe
00:00 Floor 4 SE K17 observe + photo
00:30 break
continue detail cleaning Cafe x3 and Floor 4
01:00 detail cleaning continues floor 4 and column LOTO 1:30
2:00 Encap Trash Bin containments Vending and LOTO containments follow with seallens & final wipe to 3:00 at Vending and to 3:05 LOTO - SHIP SHAPE AREA 3:15 to 3:30

Signature [signature] Date 4/30/11

LaCroix Davis, LLC

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

PROJECT LOG

DATE: **2/03/12 – 2/4/12**

LCD REPS: **TMI**

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day Swing **X** Weekend/Holiday **X**
Project	**Board of Equalization (BOE)**	Location(s):	Day = Swing = Floor 4
Address	**450 N Street** **Sacramento, CA 95814**		Mold **X** ACM LBP Other -
LCD Project #	**2372.02-572; SOW 4.0**	**Description: Floor 4 Janitor Room**	

CONTAINMENT INFORMATION

1. Floor Occupied __**X**_____ Floor Vacant _____
2. Containments: a) Floor 4 Janitor Room
3. Type of Containment: NPE **X** Mini Barrier Tape Minor Procedures N/A
4. Type of Decon: Shower_____ 2-Stage_____ 1Stage **X** Drop Sheet W/Vacuum_____ None_____
5. Manometer: Yes No____ Strip Chart Record: Yes **X** No ____ Adequate Pressure: Yes No ____
6. Containment Entry Log: Yes **X** No_____
7. Containment and Decon maintained in accordance with accepted practices and procedures: Yes **X** No ___
8. HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes **X** No ___
9. Negative Air Exhaust Location: Window Exhaust Duct **X** Stairs Interior Exterior **X**
10. Security: Owner **X** Contractor Private 24 hour **X** Secure Building **X**

Work Activities

Mob **X** Prep **X** Removal/Load Out **X** Detail Clean **X** Encapsulation Clearance Testing **X** Tear Down DeMob

Phase Completion: Prep **X** Visual Inspection **X** Removal **X** Encapsulation Clearance **X** Tear Down

Waste

Non-Hazardous Construction Debris **X** Hazardous Waste Hazardous Waste Manifest Label

Waste Container: 6 Mil Double 6 Mil **X** Barrel Drum Box Burrito Wrap Other

Location of Dumpster: **Floor 1 SW Garage**

Personal Protective Equipment

Additional Worker PPE: Disposable Suit **X** Gloves **X** Eye Protection Steel Toe Hard Hat Chemical Apron

Respirator: Half Face **X** Full Face PAPR Supplied Air Filter: **P100**

Contractor Worker Exposure Monitoring Yes_____ No__**X**__ # Workers Sampled _____

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

LaCroix Davis Project LOG
Date: 2/3&4/12

PROJECT EXPENSES

Staff: Lodging: x Per Diem: x Travel: x Destination: **site and lab**
Field Supplies: PPE: Disposable Suits x .Gloves x Respirator filters: 2 Misc:
Laboratory: Type and Number of Samples collected: Tape Bulk Air **4** Other
Media: spore trap cassettes
Laboratory Name/Location: EML P&K, W. Sacramento, CA

Work Summary

- 18:00 – meet with JLS JM and HTI LS regarding removal of F1 Room 129 SE insta hot water heater by BPM.
- JLS and Brice mobilize equipment to Floor 4 Janitor Room.
- Brice removes floor sink in F4 Janitor Room to allow VCT removal. Plumbing will require relocation. The stub outs will be relocated from the current penetrations through the cove base to a new location up the wall. JLS will remove approx 3' of wall to allow plumbing modification.
- 20:00 LCD and HTI perform inspection of cove base (~ 2 years old) = no visible staining on walls is observed.
- JLS removes wall material (~ 2 years old) at plumbing then proceeds to remove VCT and adhesive.
- JLS and HTI perform inspection of wall cavity = no visible staining.
- JLS trims the bottom ½" of the walls where gypsum board contacts the floor surface.
- 22:00 JLS manually removes VCT and adhesive (~2years old – removed in very small chips using the heavy bar tool), no odor is reported by JLS, HTI and LCD representatives.
- 01:30 JLS completes floor removal
- 02:00 LCD and HTI perform removal/detail cleaning inspection and perform air quality testing.
- Sample COC and delivery to lab.

Signature: _____ Date: **2/3&4/12**

LaCroix Davis, LLC

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

PROJECT LOG

DATE: **5/12/12**

LCD REPS: **TMI**

Client	**Department of General Services Building and Property Management (BPM)**	Contractor: **JLS Environmental**	Day **X** Swing Weekend/Holiday **X**
Project	**Board of Equalization (BOE)**	Location(s):	Day = 3, 4 Swing =
Address	**450 N Street** **Sacramento, CA 95814**		Mold **X** ACM LBP Other -
LCD Project #		**Description: F3 rooms 311, 312**	
LCD Project #		**Description: F4 rooms - 415, 416**	
LCD Project #		**Description:**	

CONTAINMENT INFORMATION

1. Floor Occupied __**X**_____ Floor Vacant _____
2. Containments: a) **F4 Room 415** b) **F4 Room 416**
3. Type of Containment: NPE **X** Mini Barrier Tape Minor Procedures N/A
4. Type of Decon: Shower_____ 2-Stage_____ 1Stage **X** Drop Sheet W/Vacuum_____ None_____
5. Manometer: Yes **X** No____ Strip Chart Record: Yes **X** No ____ Adequate Pressure: Yes **X** No ____
6. Containment Entry Log: Yes **X** No_____
7. Containment and Decon maintained in accordance with accepted practices and procedures: Yes **X** No ___
8. HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes **X** No ___
9. Negative Air Exhaust Location: Window Shaft Stairs Interior **X** Exterior
10. Security: Owner **X** Contractor Private 24 hour **X** Secure Building **X**

Work Activities

Mob **X** Prep **X** Removal/Load Out **X** Detail Clean **X** Encapsulation **X** Clearance Testing Tear Down DeMob

Phase Completion Visual Inspection: Inspection **X** Prep **X** Removal **X** Encapsulation Clearance Tear Down

Waste

Non-Hazardous Construction Debris **X** Hazardous Waste Hazardous Waste Manifest Label

Waste Container: 6 Mil Double 6 Mil **X** Barrel Drum Box Burrito Wrap Other

Location of Dumpster: **off-site**

Personal Protective Equipment

Additional Worker PPE: Disposable Suit **X** Gloves **X** Eye Protection Steel Toe Hard Hat Chemical Apron

Respirator: Half Face **X** Full Face PAPR Supplied Air Filter: **P100**

Contractor Worker Exposure Monitoring Yes_____ No__**X**__ # Workers Sampled _____

On-Site Visitors: 1. BPM - Charles 2. 3. 4.

LaCroix Davis Project LOG
Date: 5/12/12

PROJECT EXPENSES

Staff: Lodging: x Per Diem: x Travel: x Destination: **site**
Field Supplies: PPE: Disposable Suits x .Gloves x Respirator filters: **P100** Misc: _____
Laboratory: Type and Number of Samples collected: Tape **1** Bulk Air **0** Other
Media: **tape lift**
Laboratory Name/Location: **EML P&K, W. Sacramento, CA**

Work Summary

- 06:45 TMI meet JLS – review scope of work on floor 3. Discuss with HTI LS this area is priority 1. Work on floor 4 containment prep begins.
- Meet with BPM Charles and discuss moving cubicle 131. JLS begins moving cubicle 131 in room 311 to allow access to inspect/remove impacted wall and carpet tiles at room on partition wall to 312. All building materials (wet or exhibiting suspect staining) in the zone impacted by water intrusion. ~4" to 8" gypsum board at common wall in SE corner of room 312/311 and carpet tile in 311) were removed. 09:30 complete removal of impacted wall and carpet tiles. No visible mold growth.
- 10:30 Prep completed 416 and 415 – all building materials (wet or exhibiting suspect staining) in the zone impacted by water intrusion (common wall between 415 and 416) were removed (floor to ceiling -2 stud bays). Reconstruction of walls will be completed by JLS Sunday following air testing.
- LCD and HTI observe and photo doc conditions and procedures.
- JLS installs gypsum board in 311 and 312 to allow replacement of cubicle 131. Resurfacing build back will occur Sunday.
- Set up Lab for analysis on Saturday night (weekend/holiday) at 9 PM. This will allow JLS to perform recleaning first thing Sunday morning if necessary.
- 14:45 detail cleaning work in 416 and 415 is completed.
- Carpet tiles are reinstalled and cubicle 131 is reinstalled.
- 16:00 break to 20:00.

Signature: _____ Date: **5/12/12**

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, 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.

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; 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	
§ TOTAL SPORES/m3		1,500		230		< 13		120

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 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
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(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; 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	
§ TOTAL SPORES/m3		67		150		80		160

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 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.

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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; 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	
§ TOTAL SPORES/m3		53		2,500

Comments: A) Analysis of replicate sample is delayed.

* Most of these spore types are not seen with culturable methods (Andersen sampling), although some may appear as non-sporulating fungi. Most of the basidiospores are "mushroom" spores while the rusts and smuts are plant pathogens.
† The spores of *Aspergillus* and *Penicillium* (and others such as *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, 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† Month: May				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	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
Seldom found growing indoors**									
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
§ TOTAL SPORES/m3	1,500								

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

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

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

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

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

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

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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† Month: May				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	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
Seldom found growing indoors**									
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
§ TOTAL SPORES/m3	2,500								

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

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CHAIN OF CUSTODY 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
LEVEL None					
Light				X	
Moderate					
Heavy					

REQUESTED SERVICES (✓ B

000656636

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

CONTACT INFORMATION

Company: LaCroix Davis, LLC
Contact: C. Corpuz; T Kee; A Steinbach; A McKinley
Phone: 925.299.1140
Address: 3685 Mt. Diablo Blvd Ste 210 Lafayette, CA 94549
Special Instructions: email contacts

PROJECT INFORMATION

Project ID: DGS - BOE
Project Desc.: Fire Riser 3,4,5 + SE Hall 1
Project Zip Code:
Sampling Date & Time: 5/8/10 10
PO Number: 2372.02-572

TURN AROUND TIME CODES - (TAT)

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

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

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	Fungi - Spore Trap Analysis	Spore Trap Analysis - Other particles	Direct Microscopic Exam (Qualitative)	Quantitative Spore Count Direct Exam	1-Media Surface Fungi (Genus ID + Agr. spp.)	2-Media Surface Fungi (Genus ID + Agr. spp.)	3-Media Surface Fungi (Genus ID + Agr. spp.)	Culturable Air Fungi (Genus ID + Agr. 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)
2372.508.A01	SW Exterior	ST	WH	75	10	X																
2372.508.A02	Floor 5 SE Stairs Ambient	ST	WH	75		X																
2372.508.A03	Floor 5 SE FR Containment	ST	WH	75		X																
2372.508.A04	Floor 4 SE Stairs Ambient	ST	WH	75		X																
2372.508.A05	Floor 4 SE FR Containment	ST	WH	75		X																
2372.508.A06	Floor 3 SE Stairs Ambient	ST	WH	75		X																
2372.508.A07	Floor 3 SE FR Containment	ST	WH	75		X																
2372.508.A08	Floor 1 SE Hall Ambient	ST	WH	75		X																
2372.508.A09	Floor 1 SE Hall E Containment	ST	WH	75		X																
2372.508.A10	SE Exterior	ST	WH	75	12	X																

5/8/10 F1 SE Hall, F3, F4, F5 Fire Sprinkler Riser Cabinets AIR

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
Thomas Lee	5/8/10 12:45 PM	In Drop Box	5/8/10 12:15 PM
		Brandon Eldam	5/8/10 @ 1300

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at www.emlabpk.com/terms.html
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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 4
EML ID: 752413

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 02-12-2011

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, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 4

Date of Sampling: 02-12-2011
Date of Receipt: 02-12-2011
Date of Report: 02-12-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.212.F4A01: Exterior NE		2372.212.F4A02: Floor 4 ambient SE hall		2372.212.F4A03: Floor 4 room 4A containment		2372.212.F4A04: Exterior SW	
Comments (see below)	None		None		None		A	
Lab ID-Version‡:	3327896-1		3327897-1		3327898-1		3327899-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*							3	160
Basidiospores*	18	960					17	910
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	9	480					41	1,400
Curvularia								
Epicoccum								
Myrothecium								
Nigrospora								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*					1	13	2	27
Smuts*, Periconia, Myxomycetes*	5	67					2	27
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	3+		3+		3+		3+	
Hyphal fragments/m3	40		13		< 13		13	
Pollen/m3	40		< 13		< 13		67	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		1,500		< 13		13		2,500

Comments: A) 19 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 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.

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C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 4

Date of Sampling: 02-12-2011
Date of Receipt: 02-12-2011
Date of Report: 02-12-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372.212.F4A01, Exterior NE

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: February				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
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	480	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
Seldom found growing indoors**									
Ascospores	-	8	110	2,100	62	13	110	2,100	70
Basidiospores	960	13	210	8,400	85	13	210	8,600	92
Rusts	-	7	13	260	8	7	13	270	25
Smuts, Periconia, Myxomycetes	67	7	27	270	46	7	40	550	67
§ TOTAL SPORES/m3	1,500								

† 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.

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Re: DGS-BOE; Floor 4

Date of Sampling: 02-12-2011
Date of Receipt: 02-12-2011
Date of Report: 02-12-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372.212.F4A04, Exterior SW

Fungi Identified	Outdoor data	Typical Outdoor Data by Date† Month: February				Typical Outdoor Data by Location‡ State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	-	7	13	160	27	7	27	230	52
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Cladosporium	1,400	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
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Torula	-	7	13	160	5	7	13	160	11
Seldom found growing indoors**									
Ascospores	160	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	27	7	27	270	46	7	40	550	67
§ TOTAL SPORES/m3	2,500								

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

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

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					

000752413

CONTACT INFORMATION

Company: Lakrogg Davis, LLC
Address: 3685 Mt. Diablo Blvd, Ste 210
Contact: a. Corpuz; T. Lee, A. Steinbach
Special Instructions:
Phone: 925.299.1140
email & phone 9257195842

PROJECT INFORMATION

Project ID: DGS-BOE
Project Desc.: Floor 4
Project Zip Code:
Sampling Date & Time: 2/12/11
PO Number: 2372.02-572

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

Non-Culturable: Spore Trap; Tape Swab Bulk
Culturable: BioCassette™, Andersen, SAS, ..., Water, Bulk, Dust, Soil, Contact Plate

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES: Comments, Temp, 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 + 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	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
2372-212-F4A01	Exterior NE	ST	WH	75	11	X																
2372-212-F4A02	Floor 4 Ambient SE Hall	ST	WH	75		X																
2372-212-F4A03	Floor 4 Room 4A Containment	ST	WH	75		X																
2372-212-F4A04	Exterior SW	ST	WH	75	11	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
[illegible]	2/12/11 [illegible]

RECEIVED BY	DATE & TIME
Doug Bay	2/12/11
C Schatz	2/12/11 1pm

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2/12/11 F4 AIR

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 4 WDA
EML ID: 758061

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 03-03-2011

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.

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 4 WDA

Date of Sampling: 03-01-2011
Date of Receipt: 03-02-2011
Date of Report: 03-03-2011

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‡: 3352924-1: Tape sample 2372.30111.F4T01: SE po1, stain on gb ac				
Moderate	Very few	< 1+ *Cladosporium* species (spores, hyphae)	None	Minimal 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".

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

000758061

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

CONTACT INFORMATION

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

PROJECT INFORMATION

Project ID: DGS-BOE
Project Desc.: Floor 4 WDA
Project Zip Code:
Sampling Date & Time: 3/01/11 18:15
PO Number: 2372.02-572

TURNAROUND TIME CODES (TAT)

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

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

REQUESTED SERVICES

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 + 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	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
2372.30111r	F4T01 SS POL, stain on GB ac	T	STD	—				X														

Non-Culturable: Spore Trap; Tape Swab Bulk
Culturable: BioCassette™ Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate
Other Requests

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
Mcomsk	3/2/11

RECEIVED BY	DATE & TIME
Drop Box	
C Schatz	3/2/11 8:30am

3/1/11 F4 WDA

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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 1 and Floor 4
EML ID: 778843

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Spore trap analysis: 04-30-2011

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
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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 1 and Floor 4

Date of Sampling: 04-30-2011
Date of Receipt: 04-30-2011
Date of Report: 04-30-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.430.F4A01: Floor 4 SE ambient		2372.430.F4A02: Floor 4 cube 76 containment		2372.430.F1A03: Cafe ambient		2372.430.F1A04: Cafe column loto	
Comments (see below)	A		A		A		A	
Lab ID-Version‡:	3447340-1		3447341-1		3447342-1		3447343-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria								
Arthrinium								
Ascospores*								
Aureobasidium								
Basidiospores*			1	13				
Bipolaris/Drechslera group								
Chaetomium								
Cladosporium	1	13			4	53		
Curvularia								
Epicoccum								
Fusarium								
Nigrospora								
Oidium								
Other brown								
Penicillium/Aspergillus types†								
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*					1	13	1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Background debris (1-4+)††	2+		1+		2+		2+	
Hyphal fragments/m3	13		< 13		< 13		27	
Pollen/m3	13		13		27		< 13	
Skin cells (1-4+)	1+		1+		1+		1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		13		13		67		13

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

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 1 and Floor 4

Date of Sampling: 04-30-2011
Date of Receipt: 04-30-2011
Date of Report: 04-30-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.430.F1A05: Cafe vending trash		2372.430.F1A06: Cafe loto trash		2372.430.F1A07: Exterior post N	
Comments (see below)	A		A		A	
Lab ID-Version‡:	3447344-1		3447345-1		3447346-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					2	110
Aureobasidium						
Basidiospores*	1	13				
Bipolaris/Drechslera group					1	13
Chaetomium			1	13	1	13
Cladosporium			2	27	6	320
Curvularia						
Epicoccum						
Fusarium						
Nigrospora					5	67
Oidium					3	40
Other brown	1	13	1	13		
Penicillium/Aspergillus types†	1	13				
Pithomyces						
Rusts*	1	13				
Smuts*, Periconia, Myxomycetes*					5	67
Stachybotrys						
Stemphylium						
Torula					6	80
Ulocladium						
Background debris (1-4+)††	3+		2+		3+	
Hyphal fragments/m3	< 13		13		53	
Pollen/m3	< 13		< 13		110	
Skin cells (1-4+)	1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		53		53		710

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

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

Date of Sampling: 04-30-2011
Date of Receipt: 04-30-2011
Date of Report: 04-30-2011

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372.430.F1A07, Exterior post N

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	240	40	7	27	230	52
Bipolaris/Drechslera group	13	7	13	130	11	7	13	130	12
Chaetomium	13	7	13	130	10	7	13	120	19
Cladosporium	320	27	310	5,300	89	53	590	7,800	96
Curvularia	-	7	13	230	7	7	13	230	7
Nigrospora	67	7	13	93	7	7	13	200	9
Penicillium/Aspergillus types	-	13	150	1,500	68	33	210	2,400	83
Stachybotrys	-	7	13	440	3	7	13	230	4
Torula	80	7	13	160	9	7	13	160	11
Seldom found growing indoors**									
Ascospores	110	13	110	3,600	75	13	110	2,100	69
Basidiospores	-	13	210	7,200	89	13	210	8,700	92
Oidium	40	7	13	270	18	7	13	200	18
Rusts	-	7	13	270	17	7	13	270	25
Smuts, Periconia, Myxomycetes	67	7	27	440	55	7	40	560	67
§ TOTAL SPORES/m3	710								

† 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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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				X	
Moderate					
Heavy					

LEVEL

000778843

CONTACT INFORMATION

Company: LaBrox Davis, LLC
Contact: C. Corpuz; T. Ice; A. Steinbach
Phone: 925.299.1140
Address: 3685 Mt. Diablo Blvd, Ste 210 Lafayette, CA 94549
Special Instructions: email contacts (ST)

PROJECT INFORMATION

Project ID: DGS - BOE
Project Desc.: Floor 1 and Floor 4
Project Zip Code:
Sampling Date & Time: 4/30/11
PO Number: 2372.02-572

TURN AROUND TIME CODES (TAT)

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

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

REQUESTED SERVICES

Non-Culturable: Spore Trap; Tape Swab Bulk
Culturable: BioCassette™ Andersen, SAS, Sw... Water, Bulk, Dust, Soil, Contact Plate

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 + App. spp.)	2-Media Surface Fungi (Genus ID + App. spp.)	3-Media Surface Fungi (Genus ID + App. spp.)	Culturable Air Fungi (Genus ID + App. spp.)	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Legionella culture	Total 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)
2372.430.F4A01	Floor 4 SE Ambient	ST	WH	75	8:53	X																
2372.430.F4A02	Floor 4 Cube 76 Containment	ST	WH	75	9:01	X																
2372.430.F1A03	Cafe Ambient	ST	WH	75	9:13	X																
2372.430.F1A04	Cafe Column LOTO	ST	WH	75	9:23	X																
2372.430.F1A05	Cafe Vending Trash	ST	WH	75	9:41	X																
2372.430.F1A06	Cafe LOTO Trash	ST	WH	75	9:56	X																
2372.430.F1A07	Exterior Post N.	ST	WH	75	10:14	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
[illegible]	4/30/11

RECEIVED BY	DATE & TIME
Prop Box	
C. Schatz	4/30/11 11am

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4/30/11 F1, F4 AIR

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 4, Janitor Room Floor
EML ID: 884624

Approved by:

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 02-06-2012

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, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 4, Janitor Room Floor

Date of Sampling: 02-04-2012
Date of Receipt: 02-04-2012
Date of Report: 02-04-2012

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372.020412.EA01: Exterior South		2372.020412. F4A02: Floor 4 Ambient So. Hall		2372.020412. F4A03: Floor 4 Janitor Containment		2372.020412.EA04: Exterior North	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3928863-2		3928864-2		3928865-2		3928866-2	
Analysis Date:	02/06/2012		02/06/2012		02/06/2012		02/06/2012	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			1	13			1	13
Ascospores*	13	690					4	210
Basidiospores*	21	1,100			1	53	17	910
Bipolaris/Drechslera group			1	13				
Chaetomium								
Cladosporium	45	2,400	1	53	1	53	14	750
Epicoccum	4	53	1	13	1	13		
Nigrospora								
Other colorless								
Penicillium/Aspergillus types†	6	320					2	110
Pithomyces								
Rusts*								
Smuts*, Periconia, Myxomycetes*			1	13			1	13
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	2+		3+		2+		2+	
Hyphal fragments/m3	< 13		13		< 13		< 13	
Pollen/m3	40		120		< 13		40	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,600		110		120		2,000

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 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.

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 4, Janitor Room Floor

Date of Sampling: 02-04-2012
Date of Receipt: 02-04-2012
Date of Report: 02-04-2012

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372.020412.EA01, Exterior South

Fungi Identified	Outdoor data	Typical Outdoor Data for † February in California (n‡=14018)						Typical Outdoor Data for † The entire year in California (n‡=173838)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	-	13	13	20	40	67	39	13	13	27	67	110	55
Bipolaris/Drechslera group	-	7	13	13	27	40	7	7	13	13	27	40	12
Chaetomium	-	7	13	13	27	40	9	8	13	13	27	44	19
Cladosporium	2,400	80	160	400	1,000	1,700	95	110	210	640	1,700	2,800	97
Curvularia	-	7	10	13	13	28	2	7	13	13	27	53	6
Epicoccum	53	7	13	13	27	53	12	8	13	13	33	53	19
Nigrospora	-	7	11	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	320	53	67	190	480	800	83	53	110	210	590	1,000	85
Stachybotrys	-	13	13	13	40	84	3	7	13	13	33	67	4
Torula	-	7	13	13	40	53	5	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	690	27	53	160	530	960	74	25	53	110	350	690	72
Basidiospores	1,100	53	110	450	2,000	4,200	96	53	80	270	1,000	2,300	94
Rusts	-	8	13	13	40	73	14	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	-	13	13	27	67	110	54	13	13	40	110	200	68
§ TOTAL SPORES/m3	4,600												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ 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.

‡n = number of samples used to calculate data.

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: DGS-BOE; Floor 4, Janitor Room Floor

Date of Sampling: 02-04-2012
Date of Receipt: 02-04-2012
Date of Report: 02-04-2012

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 2372.020412.EA04, Exterior North

Fungi Identified	Outdoor data	Typical Outdoor Data for † February in California (n‡=14018)						Typical Outdoor Data for † The entire year in California (n‡=173838)					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	13	13	13	20	40	67	39	13	13	27	67	110	55
Bipolaris/Drechslera group	-	7	13	13	27	40	7	7	13	13	27	40	12
Chaetomium	-	7	13	13	27	40	9	8	13	13	27	44	19
Cladosporium	750	80	160	400	1,000	1,700	95	110	210	640	1,700	2,800	97
Curvularia	-	7	10	13	13	28	2	7	13	13	27	53	6
Epicoccum	-	7	13	13	27	53	12	8	13	13	33	53	19
Nigrospora	-	7	11	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	110	53	67	190	480	800	83	53	110	210	590	1,000	85
Stachybotrys	-	13	13	13	40	84	3	7	13	13	33	67	4
Torula	-	7	13	13	40	53	5	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	210	27	53	160	530	960	74	25	53	110	350	690	72
Basidiospores	910	53	110	450	2,000	4,200	96	53	80	270	1,000	2,300	94
Rusts	-	8	13	13	40	73	14	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	13	13	13	27	67	110	54	13	13	40	110	200	68
§ TOTAL SPORES/m3	2,000												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ 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.

‡n = number of samples used to calculate data.

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EMLab P&K

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

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

000884624

CONTACT INFORMATION

Company: LaCroix DAVIS, LLC
Contact: C Corpuz; T. Ice; A. Steinbach
Phone: 925-299-1140
Address: 1685 Mt. Diablo Blvd., Ste 210, Lafayette, CA, 94549
Special Instructions:

PROJECT INFORMATION

Project ID: DGS - BOE
Project Desc.: Floor 4 Janitor Room Floor
Project Zip Code:
Sampling Date & Time: 2/2/12 - 2/4/12
PO Number: 2372-02-572

TURN AROUND TIME CODES (TAT)

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

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

REQUESTED SERVICES

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

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 + 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	Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	Other (please specify)	Floor Janitor Room	AIR
2372-020212-EA01	Exterior South	ST	WH	75	02:14	X																		
2372-020212-F4A02	Floor 4 Ambient So. Hall	ST	WH	75	02:24	X																		
2372-020212-F4A03	Floor 4 Janitor Containment	ST	WH	75	02:32	X																		
2372-020212-EA04	Exterior North	ST	WH	75	02:44	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	
- Contact Plate	NP - Non-Potable Water	O - Other:	

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
Theon Ice	2/4/12 03:00	DROP BOX	2/4/12 8:00am

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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: BPM-BOE; Floor 4 Rooms 415 and 416
EML ID: 922725

Approved by:

Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 05-14-2012

Service SOPs: Spore trap analysis (1038)

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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(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: BPM-BOE; Floor 4 Rooms 415 and 416

Date of Sampling: 05-12-2012
Date of Receipt: 05-12-2012
Date of Report: 05-12-2012

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	51212-A01: Exterior South		51212-A02: Floor 4 SE Ambient		51212-A03: Room 415 and 416		51212-A04: Exterior North	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	4108374-2		4108375-2		4108376-2		4108377-2	
Analysis Date:	05/14/2012		05/14/2012		05/14/2012		05/14/2012	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	1	13					10	130
Ascospores	15	800					15	800
Basidiospores	2	110					14	750
Chaetomium								
Cladosporium	52	2,800					69	3,700
Epicoccum								
Fusarium								
Myrothecium								
Nigrospora								
Oidium	2	27					3	40
Other colorless								
Penicillium/Aspergillus types†							3	160
Pithomyces								
Rusts	16	210					30	400
Smuts, Periconia, Myxomycetes	61	810					174	2,300
Stachybotrys								
Stemphylium	1	13						
Torula			1	13				
Ulocladium	2	27					1	13
Zygomycetes								
Background debris (1-4+)††	2+		1+		2+		2+	
Hyphal fragments/m3	67		< 13		13		200	
Pollen/m3	450		< 13		< 13		510	
Skin cells (1-4+)	1+		< 1+		< 1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		4,800		13		< 13		8,300

Comments:

Spore types listed without a count or data entry were not detected during the course of the analysis for the respective sample.
† 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 analytical sensitivity is the spores/m3 divided by the raw count. The limit of detection is the analytical sensitivity multiplied by the sample volume divided by 1000.

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.

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: BPM-BOE; Floor 4 Rooms 415 and 416

Date of Sampling: 05-12-2012
Date of Receipt: 05-12-2012
Date of Report: 05-12-2012

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 51212-A01, Exterior South

Fungi Identified	Outdoor data	Typical Outdoor Data for: May in California (n‡=14606)†						Typical Outdoor Data for: The entire year in California (n‡=175031)†					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	13	13	13	40	80	130	66	13	13	27	67	110	55
Bipolaris/Drechslera group	-	7	13	13	27	40	13	7	13	13	27	40	12
Chaetomium	-	7	13	13	27	40	23	8	13	13	27	44	19
Cladosporium	2,800	110	210	590	1,500	2,500	98	110	210	640	1,700	2,800	97
Curvularia	-	7	11	13	25	27	2	7	13	13	27	53	6
Nigrospora	-	7	11	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	-	53	53	180	430	740	81	53	110	210	590	1,000	85
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Stemphylium	13	7	13	13	27	40	13	7	13	13	27	40	9
Torula	-	13	13	13	52	80	19	8	13	13	40	67	12
Ulocladium	27	7	13	13	27	33	8	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	800	26	53	110	320	590	74	25	53	110	350	690	72
Basidiospores	110	40	67	210	690	1,400	92	53	80	270	1,000	2,300	94
Oidium	27	13	13	25	53	80	33	13	13	13	40	75	19
Rusts	210	13	13	27	53	93	41	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	810	13	27	67	200	360	80	13	13	40	110	200	68
§ TOTAL SPORES/m3	4,800												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ 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.

‡n = number of samples used to calculate data.

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Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
Re: BPM-BOE; Floor 4 Rooms 415 and 416

Date of Sampling: 05-12-2012
Date of Receipt: 05-12-2012
Date of Report: 05-12-2012

MoldRANGE™: Extended Outdoor Comparison

Outdoor Location: 51212-A04, Exterior North

Fungi Identified	Outdoor data	Typical Outdoor Data for: May in California (n‡=14606)†						Typical Outdoor Data for: The entire year in California (n‡=175031)†					
	spores/m3	very low	low	med	high	very high	freq %	very low	low	med	high	very high	freq %
Generally able to grow indoors*													
Alternaria	130	13	13	40	80	130	66	13	13	27	67	110	55
Bipolaris/Drechslera group	-	7	13	13	27	40	13	7	13	13	27	40	12
Chaetomium	-	7	13	13	27	40	23	8	13	13	27	44	19
Cladosporium	3,700	110	210	590	1,500	2,500	98	110	210	640	1,700	2,800	97
Curvularia	-	7	11	13	25	27	2	7	13	13	27	53	6
Nigrospora	-	7	11	13	13	27	4	7	13	13	27	53	8
Penicillium/Aspergillus types	160	53	53	180	430	740	81	53	110	210	590	1,000	85
Stachybotrys	-	7	13	13	33	67	5	7	13	13	33	67	4
Stemphylium	-	7	13	13	27	40	13	7	13	13	27	40	9
Torula	-	13	13	13	52	80	19	8	13	13	40	67	12
Ulocladium	13	7	13	13	27	33	8	8	13	13	27	40	10
Seldom found growing indoors**													
Ascospores	800	26	53	110	320	590	74	25	53	110	350	690	72
Basidiospores	750	40	67	210	690	1,400	92	53	80	270	1,000	2,300	94
Oidium	40	13	13	25	53	80	33	13	13	13	40	75	19
Rusts	400	13	13	27	53	93	41	13	13	13	53	80	27
Smuts, Periconia, Myxomycetes	2,300	13	27	67	200	360	80	13	13	40	110	200	68
§ TOTAL SPORES/m3	8,300												

†The 'Typical Outdoor Data' represents the typical outdoor spore levels for the location and time frame indicated. The last column represents the frequency of occurrence. The very low, low, med, high, and very high values represent the 10, 20, 50, 80, and 90 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, 20% 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.

§ 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.

‡n = number of samples used to calculate data.

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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A TestAmerica Company

Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 * (866) 871-1994
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San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

Weather	Fog	Rain	Snow	Wind	Clear
None	☐	☐	☐	☐	
Light	☐	☐	☐	☐	
Moderate	☐	☐	☐	☐	
Heavy	☐	☐	☐	☐	

REQUESTED SER
(Use check boxes)

000922725

CONTACT INFORMATION

Company:	LaCroix Davis, LLC
Contact:	C. Corpuz; T. Ica; A. Steinbach
Phone:	925-299-1140
Address:	3685 Mt. Diablo Blvd. Ste 210 Lafayette, CA 94549
Special Instructions:	

PROJECT INFORMATION

Project ID:	BPM-BOE
Project Description:	Floor 4 Rooms 415 and 416
Project Zip Code:	
Sampling Date & Time:	5/12/12
PO Number:	

TURNAROUND TIME CODES (TAT)

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

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

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume / Area (Liters / Sq. Ft.)	Notes (Time of day / Temp. / RH, etc.)
51212-A01	Exterior South	ST	WH	75	8:42
51212-A02	Floor 4 SE Ambient	ST	WH	75	
51212-A03	Room 415 and 416	ST	WH	~~0~~ 75	contaminated
51212-A04	Exterior North	ST	WH	75	9:15

Sample ID	Non-Culturable: Spore Trap	Non-Culturable: Tape Swab Bulk	Culturable: BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plates	Other Requests
51212-A01	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 & Counts (Culturable Air & Surface Bacteria) ☐; Legionella culture ☐; Total Coliform, E. coli (Presence/Absence) ☐; Membrane Filtration (specify organism): ☐; MPN Bacteria (specify organism): ☐; QuantiTray – Sewage Screen ☐	Asbestos Analysis – PCM Airborne Fiber Count (NIOSH 7400) ☐; Asbestos Analysis – PLM (EPA method 600/R-93-116) ☐; PCR (specify test): ☐; Specify Service ☐
51212-A02	☒			
51212-A03	☒			
51212-A04	☒			

SAMPLE TYPE CODES

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

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[illegible]	5/12/12 21:05	[illegible]	5/12/12 945

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/servicetems.html

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