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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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LaCroix Davis LLC

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

Mold Remediation – 6th 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: June 29, 2010

Addendum Date: October 31, 2012

Please insert this Closure Report Addendum into the rear of the Floor 6 Closure Report

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

1.0 Introduction

On May 5, 2010, LaCroix Davis LLC (LCD) and the Department of General Services Mold Remediation Project Team completed the mold remediation activities initially scheduled for Floor 6 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.

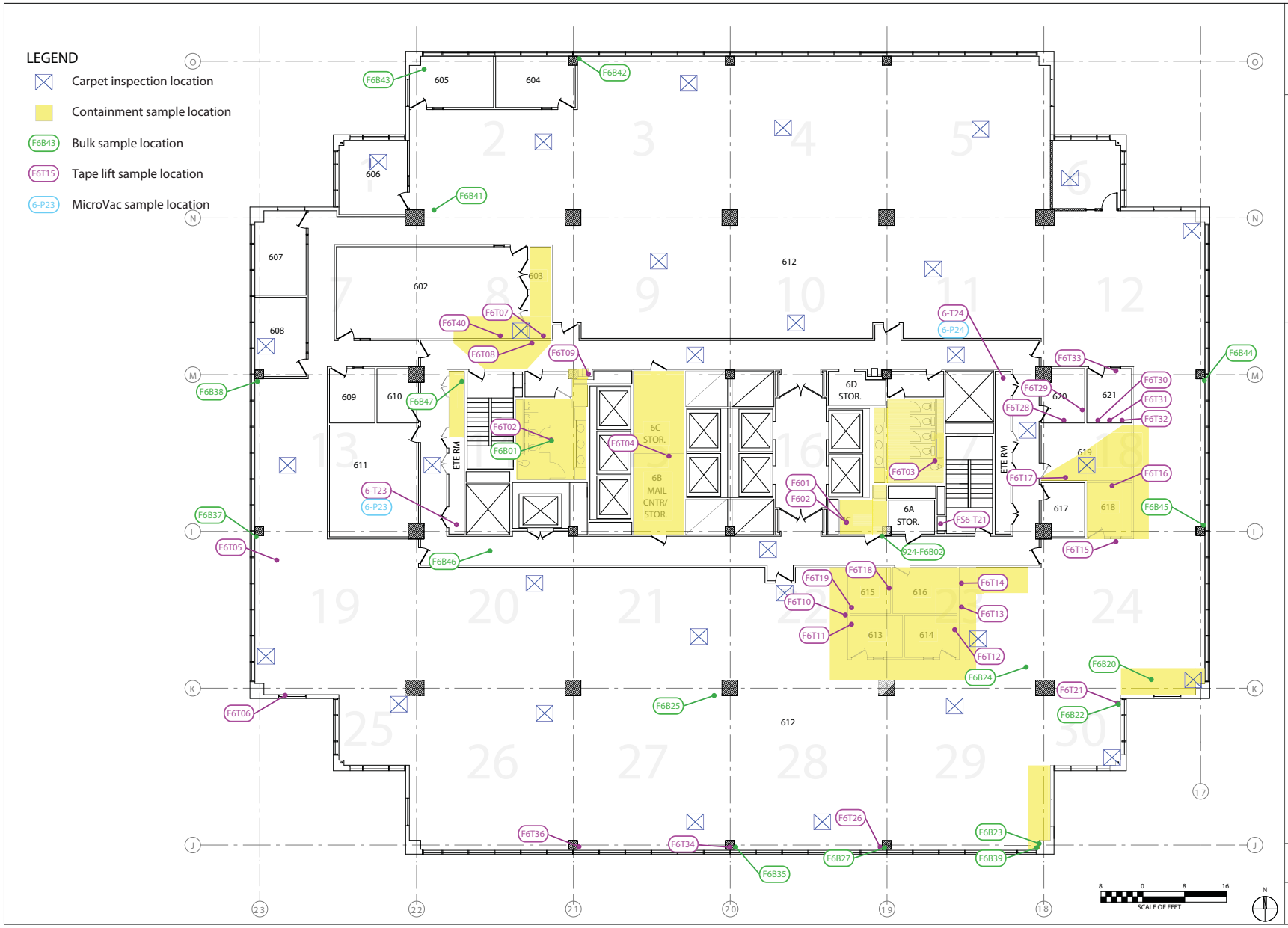
Subsequent to the completion of the closure report, a need for additional investigation and/or remediation activities was identified. Identified areas were subjected to sampling. Using a combination of surface tape lift and/or bulk samples, LCD tested stains on walls and other building materials to determine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

2.0 Additional Activities

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

September 2011 Janitor Room	Inspection and testing of the deck above ceiling in response to a sink overflow in the Floor 7 janitor room above. Stained fireproofing was marked.



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

6th Floor

Figure 2

Daily Logs

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** **DATE:** 9/21/11 LACROIX DAVIS LLC 3685 MT. DIABLO BLVD. SUITE 210 LAFAYETTE, CA 94549 TEL 925-299-1140 FAX 925-299-1185 **LCD REPS:** TM; ____; ____ **PAGE** 1 **OF** 2

Client	**Department of General Services (DGS)**	Contractor: **JLS Environmental**	Day ____ Swing ✓ Weekend/Holiday ____
Project	**Board of Equalization (BOE)**	Location(s):	Floor 7 Floor 6 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:** Flood Response	
LCD Project #	**2372.0** ____ **-572; SOW** ____	**Description:**	
LCD Project #	**2372.0** ____ **-572; SOW** ____	**Description:**	

CONTAINMENT INFORMATION

1. Floor Occupied North Floor Vacant ____
2. Containments: a) Hall@Janitor 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: Exterior ____ Window ____ Shaft ____ Exhaust Duct ____ Interior ✓
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: JLS mobs to Floor 7 ① determine extent of wet wall/ceiling material ② determine extent of wet floor tiles ③ request additional workers - 2 for Containment prep and work 2 for carpet

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 area

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: 9/21 & 9/22

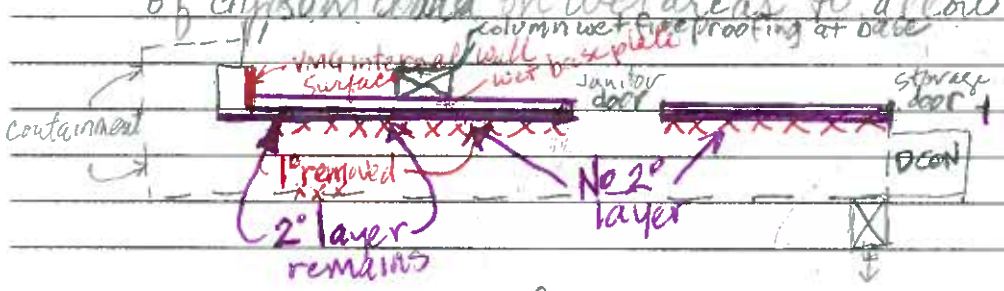
PROJECT EXPENSES: Hotel: ___ Per Diem: ✓ Travel: ✓ Destination: Lafto site RT

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

LAB: Type/No. Samples collected: Tape _____ Bulk _____ Air _____
Laboratory Name/Location: _____

Notes

1800 mob to Floor 7 - define extent of water impacted material
2000 begin containment 5th Hall at Janitor Room
begin removing all carpet tile (wet under tile) and scrape wet adhesive - blistering: install air movers to dry backside of carpet tiles and exposed concrete.
21:00 scraping adhesive continues
prep containment continues to 21:50 (major wall penetration protocol)
22:00 requires containment to open suspect walls (all core walls)
22:30 continue scraping adhesive and prepare to work in containment. remove cove base and first layer of Gypsum Board on wet areas to allow drying of 2nd layer



23:00 cleanup/pasout and detail cleaning in containment
carpet tiles are dry - begin apply new adhesive to concrete allow adhesive to cure prior to installing floor tile.
00:00 Seal wall cavities in containment -
perform final cleanup then install air dryers to dry 2° GB and other IFM // layers of GB in interstitial spaces and dampen
inspect surfaces - test for moisture content 9/22 PM
clearance tentatively SAT AM

Signature _____ Date _____

LaCroix Davis Building & Environmental Forensics	**PROJECT LOG** DATE: 9/23/11
	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 7 Floor 6 Floor 1 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:** Floor 1 Kitchen EAST-WEST Hallway	
LCD Project #	**2372.0** 2 **-572; SOW** 4.0	**Description:**	
LCD Project #	**2372.0** ___ **-572; SOW** ___	**Description:**	

CONTAINMENT INFORMATION

1. Floor Occupied 7, 6, 1 Floor Vacant ___
2. Containments: a) F7-Core5 b) F1 Kitch Hall c) ___ d) ___ e) ___ f) ___
3. Type of Containment: NPE a, b Mini ___ Barrier Tape ___ Minor Procedures ___ N/A ___
4. Type of Decon: Shower ___ 2-Stage ___ 1Stage a, b Drop Sheet W/Vacuum ___ None ___
5. Manometer: Yes ✓ No ___ Strip Chart Record: Yes ✓ No ___ Adequate Pressure: Yes ✓ No ___
6. Containment Entry Log: Yes b✓ 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: Exterior ___ Window ___ Shaft ___ Exhaust Duct ___ Interior ✓
10. Security: Owner ✓ Contractor ___ Private ___ 24 hour ✓ Secure Building ✓

SUMMARY OF ACTIVITIES

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

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

Summary: 1800 - meet w/ JLS and discuss Floor 1 work plan
inspect Floor 7 moisture content GB = OK, FP = marginal
continue dehumidification and recheck at shift conclusion
empty condensate bucket (5 Gal)
prep underway Floor 1 Kitchen, E-W Hallway

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. M. Hoy 2. ___ 3. ___ 4. ___

LaCroix Davis Project LOG
Date: 9/23/11 and 9/24/11

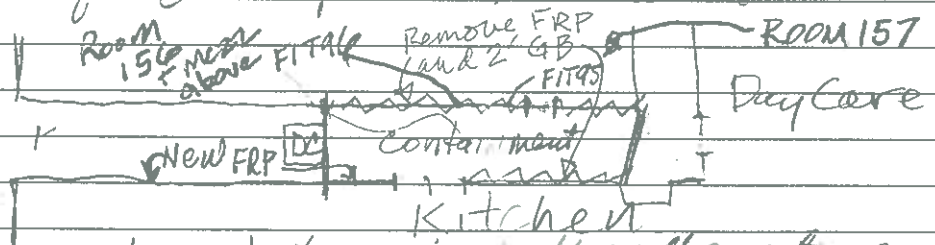
PROJECT EXPENSES: Hotel: ✓ Per Diem: ✓ Travel: ✓ Destination: BOE to Lab RT

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

LAB: Type/No. Samples collected: Tape 2 Bulk _____ Air _____
Laboratory Name/Location: EML P&K

Notes

1800 - meet w/ JLS super & review Floor 1 Kitchen E-W Hallway work plan - Crew 4 will perform 30' (½ of E-W Hall)
1830 test floor 7 materials - GB dry, FP marginal / area continue dehumidifier
1900 meet w/ LS and M Hoy re: Floor 7 firewall issue decide to install GB wall thru shift
Contact GS - he will send Pedro to rebuild GB
Meanwhile I am will have Rafa paint all clean/dry GB with Encap.
19:45 Pedro onsite - begins prep for Floor 7 GB rebuild
20:15 Encap completed and drying
Floor 1 removal completed and ready for bag out
21:00 begin cleanup and some detail cleaning



21:50 break - No stains in North wall cavity, 2 minor stains S Wall cavity
22:30 check Floor 7 Containment FP Moisture Content.
FP at base small area will require more drytime
Detail cleaning underway Floor 7 Containment
Detail cleaning underway Floor 1 Containment
23:55 Detail cleaning completed Floor 7 Containment
00:30 Detail cleaning resumes Floor 1 Containment
9/24/11 11:30 AM Mob to site collect samples - air + bulk test FP moisture content. Sample COC and deliver to lab. Review report and generate memo.

Signature [signature] Date 9/24/11

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

Report for:

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

Regarding: Project: DGS-BOE; Floor 7 Flood Response
EML ID: 834604

Approved by:

Lab Manager
Malcolm Moody

Dates of Analysis:
Direct microscopic exam (Qualitative): 09-24-2011

Service SOPs: Direct microscopic exam (Qualitative) (1039)

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

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

Document Number: 200091 - Revision Number: 5

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

Client: LaCroix Davis, LLC
C/O: Mr. Chris Corpuz, Mr. Ted Ice
Re: DGS-BOE; Floor 7 Flood Response

Date of Sampling: 09-24-2011
Date of Receipt: 09-24-2011
Date of Report: 09-24-2011

DIRECT MICROSCOPIC EXAMINATION REPORT

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‡: 3704372-1, Analysis Date: 09/24/2011: Bulk sample 2372-924-F7B01: Fire Proofing Stain Floor 7				
Miscellaneous debris	Very few	None	None	Normal trapping
Lab ID-Version: 3704373-1, Analysis Date: 09/24/2011: Bulk sample 2372-924-F7B02: Fire Proofing Stain Floor 6				
Miscellaneous debris	Very few	None	None	Normal trapping

* Indicative of normal conditions, i.e. seen on surfaces everywhere. Includes basidiospores (mushroom spores), myxomycetes, plant pathogens such as ascospores, rusts and smuts, and a mix of saprophytic genera with no particular spore type predominating. Distribution of spore types seen mirrors that usually seen outdoors.

† Quantities of molds seen growing are listed in the MOLD GROWTH column and are graded 1+ to 4+, with 4+ denoting the highest numbers.

†† Some comments may refer to the following: Most surfaces collect a mix of spores which are normally present in the outdoor environment. At times it is possible to note a skewing of the distribution of spore types, and also to note "marker" genera which may indicate indoor mold growth. Marker genera are those spore types which are present normally in very small numbers, but which multiply indoors when conditions are favorable for 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

000834604

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

CONTACT INFORMATION

Company: LaCroix Davis LLC
Address: 3685 Mt. Diablo Blvd., Lafayette, CA 94549
Contact: C.Corpuz, T.Ice, A.Steinbach
Special Instructions: Please email results to contacts.
Phone: 925-299-1140

PROJECT INFORMATION

Project ID: DGS-BOE
Project Desc.: Floor 7 Flood Response
Project Zip Code:
Sampling Date & Time: 9/24/11 1200
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 (✓)

Sample ID	Description	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)	Non-Culturable: Spore Trap: Fungi - Spore Trap Analysis	Spore Trap: Spore Trap Analysis - Other particles	Tape Swab Bulk: Direct Microscopic Exam (Qualitative)	Tape Swab Bulk: Quantitative Spore Count Direct Exam	Culturable (BioCassette™, Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate): 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	Other Requests: Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	Asbestos Analysis - PLM (EPA method 600/R-93-116)	PCR (please specify test)
2372-924-F7A11	Floor 7 Ambient Scan	ST	WH	75	12:32	X																
2372-924-F7A12	Floor 7 Containment Janitor	ST	WH	75	1	X																
2372-924-F7A13	Exterior NE	ST	WH	75	13:45	X																
2372-924-F7B01	Fireproofing stain Floor 7 B		WH	—	at Janitor Room Base			X														
2372-924-F7B02	Fireproofing stain Floor 7 B		WH	—	at Janitor Room Back			X														

SAMPLE TYPE CODES

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

RELINQUISHED BY	DATE & TIME	RECEIVED BY	DATE & TIME
[illegible]	9/24/11 1400	[illegible]	9/24/11 1400

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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