



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

**Mold Remediation – Second 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: November 30, 2010

Addendum Date: October 31, 2012

*Please insert this
Closure Report Addendum
into the rear of the
Floor 2 Closure Report*

1.0 Introduction

On October 26, 2010, LaCroix Davis LLC (LCD) and the Department of General Services Mold Remediation Project Team completed the mold remediation activities initially scheduled for Floor 2 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 and release of the closure report, any information not previously available and information documenting additional mold-related activities was compiled by LCD.

2.0 Additional Information

This addendum provides the following information not previously reported:

- | | |
|---|---|
| June – July 2011
Stairs 3, SE Corner | The exterior concrete panels leaked and caused staining of ceiling tiles and visible mold growth. The damage was investigated and remediated. |
| November 2011
Core Hallways | Field logs for the indoor air quality investigation (IAQ) are attached to this addendum as they were not included in the original IAQ report dated June 18, 2012. |

KEYED SHEET NOTES

- ① Water stain at standpipe
- ② Stain below pipe
- ③ Visible mold growth 10 sq.ft. above ceiling

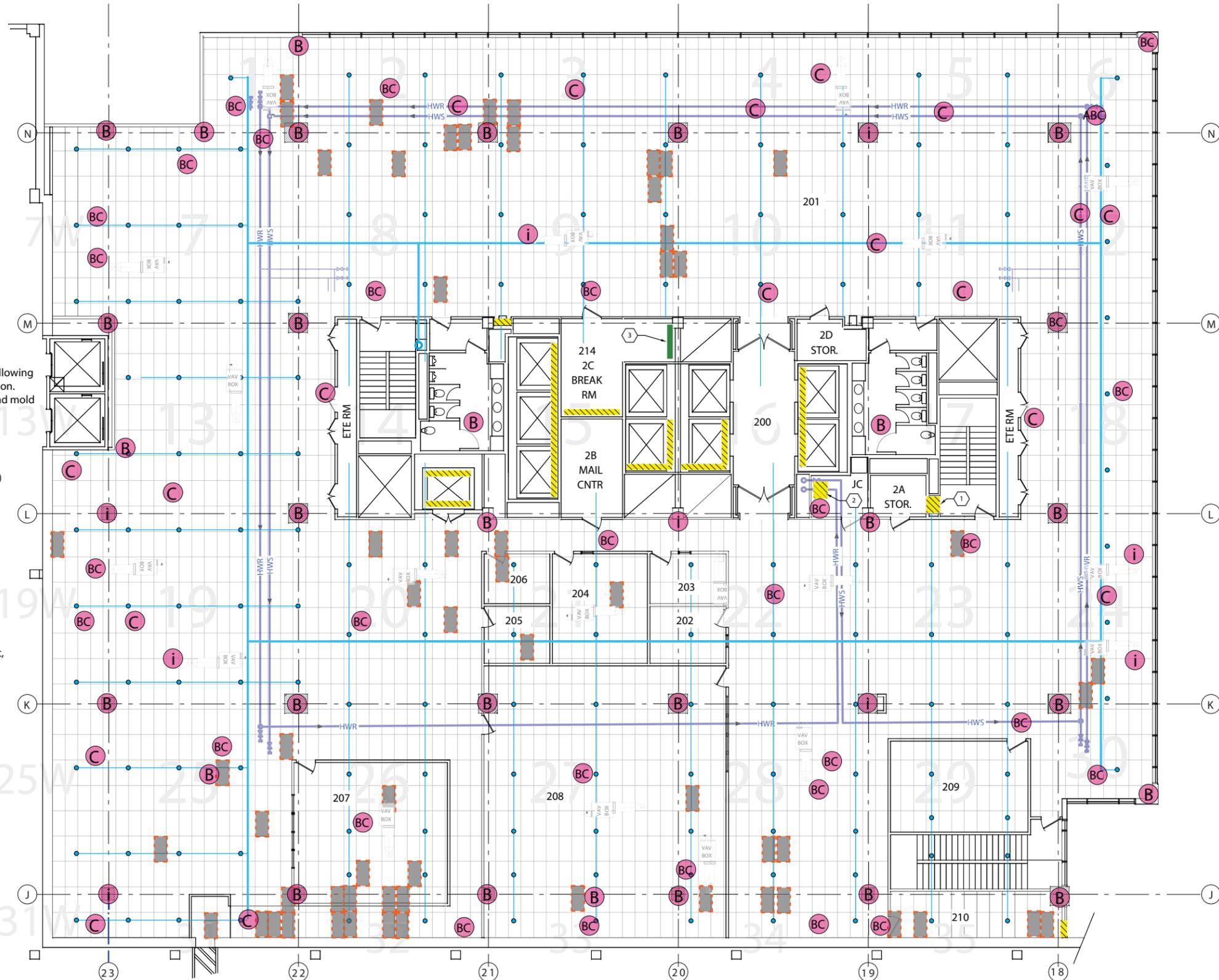
GENERAL NOTES

- ① LCD inspection locations are approximate.
- ② The location of VAVs (terminal units) is approximate.
- ③ Any mold identified during the initial or supplemental water damage assessment was subsequently removed during the remediation.

LEGEND

The terms "active", "current", and "historical" in the following legend refer to the status found at the time of inspection. All areas of active/current and historical water leaks and mold growth have been investigated and remediated.

- Active water leak (remediated)
- Current water stained surface (remediated)
- Historical water leak/stained surface (remediated)
- Current mold growth (remediated)
- Historical mold growth (remediated)
- Current water on floor (remediated)
- Historical water on floor (no longer present, based on historical records only)
- Destructive testing location (historical)
- 325 Room number
- LCD inspection location no findings
- LCD inspection location active leak
- LCD inspection location water stain
- LCD inspection location other notation See WDA summary
- LCD inspection location with multiple findings "A", "B", or "C" as indicated



LEGEND

-  Carpet inspection location
-  Bulk sample location
-  Tape lift sample location
-  MicroVac sample location
-  Containment location
-  Containment barrier



Daily Logs



PROJECT LOG

DATE: 6/24/11/6/25/11

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 <input checked="" type="checkbox"/> Swing <input checked="" type="checkbox"/> Weekend/Holiday <input checked="" type="checkbox"/>
Project	Board of Equalization (BOE)	Location(s):	Floor <u>M</u> Floor <input checked="" type="checkbox"/> Floor <u>1</u> Floor <input checked="" type="checkbox"/>
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold ACM LBP Other
LCD Project #	2372.0 <u>2</u> -572; SOW <u>4.0</u> survey	Description: <u>M chiller piping</u>	
LCD Project #	2372.0 <u>2</u> -572; SOW <u>5.0</u>	Description: <u>Floor 1 Kitchen Hall</u>	
LCD Project #	2372.0 ___ -572; SOW ___	Description:	

CONTAINMENT INFORMATION

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

SUMMARY OF ACTIVITIES Floor 1 Kitchen South Hall

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

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

Summary: Develop remediation plan M Chiller Rooms - Chiller 3 piping

PM - monitor remediation Kitchen Hall (South)

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: _____

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

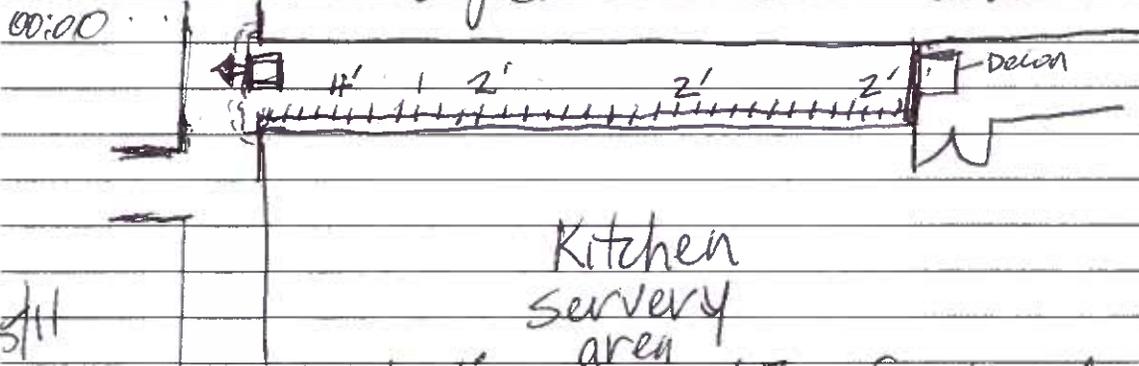
Respirator: Half Face ___ Full Face ___ PAPR ___ Supplied Air ___

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

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

Notes Continued

- 7 prep for additional M floor chiller piping survey - JLS plans to complete Floor 21 pull back and shift from 21 to M when 21 is completed. JLS will assist removing plastic jacket for inspection purposes
- 10i locate M floor mechanical plan and submit for reproduction
- 13 inspect chiller 3 piping runs (non plastic jacket areas) and draft chiller 3 and piping onto M floor mechanical plan (CH 3 was tenant improve)
- 15 MM onsite M floor to observe efforts
continue CH3 piping survey w/ HTI
- 1600 Break
- 1800 JLS mobs to cafeteria South Hall for remediation and begins prep to 20:30 suit for removal
- 20:30 observe and photo doc Floor 2 stairs 3 stained ceiling tile w/ung observe wall damage and delam cove base - arrange for JLS to change out the ceiling tile and tape cove base
- 20:50 observe Floor 1 Kitchen South Hall containment wall demo and photo doc conditions (remove 2' corner to doors)
- 21:15 JLS begins load out and clearing
- 22:00 JLS will start detail cleaning after lunch break
- 22:15 detail cleaning and removal continues
- 2300 removal at East edge of containment performed
- 2330 detail cleaning continues wall cavities.



6/25/11

- 00:30 tentative testing setup w/ JLS for 11:00 AM detail cleaning continues
- 01:10 final visual detail cleaning - OK testing
- 10:00 AM clearance testing procedures w/ HTI

Signature

Thomson

Date 6/25/11



PROJECT LOG

DATE: 7/8/11/7/9/11

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 <input checked="" type="checkbox"/> Swing _____ Weekend/Holiday _____
Project	Board of Equalization (BOE)	Location(s): _____	Floor <u>M</u> Floor <u>1</u> Floor <u>11</u> Floor <u>2</u>
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold <input checked="" type="checkbox"/> ACM LBP Other _____
LCD Project #	2372.0 -572; SOW _____	Description:	
LCD Project #	2372.0 -572; SOW _____	Description:	
LCD Project #	2372.0 -572; SOW _____	Description:	

CONTAINMENT INFORMATION

- Floor Occupied Floor Vacant _____
- Containments: a) MChl Pipe 1 b) Kitchen Hall c) F2 Stair 3 d) _____ e) _____ f) _____
- Type of Containment: NPE a, b, c Mini _____ Barrier Tape _____ Minor Procedures _____ N/A _____
- Type of Decon: Shower _____ 2-Stage _____ 1Stage a, b, c Drop Sheet W/Vacuum _____ None _____
- Manometer: Yes a No _____ Strip Chart Record: Yes a No _____ Adequate Pressure: Yes a No _____
- Containment Entry Log: Yes a No _____
- Containment and Decon maintained in accordance with accepted practices and procedures: Yes a No _____
- HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes a No _____
- Negative Air Exhaust Location: Exterior _____ Window _____ Shaft _____ Exhaust Duct _____ Interior a _____
- 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/Other Activities: a: detail cleaning containment, pipes
continue chiller pipe survey w/ HTI

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. _____

PROJECT EXPENSES: Hotel: Per Diem: Travel: Destination: site

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

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

Notes

7 JLS shift 1530 \$ 1800 to
day - M Floor Chiller Room CH1/Prop1 containment cleaning pipes
and insulation continues

13:00 perform final clearance visual inspection
conditions acceptable - schedule testing 7 AM Monday
w/ HTI

13:15 JLS Break followed by continue chiller pipe
inspection w/ HTI under plastic jacket to CM/R storage tank.
large dia (intake side and outflow lines)
CWS at North wall, CH3S at thermostat

16:00 sample Cc and deliver to lab

18 prep begins cafeteria and (Floor 2) SE stairs 3
vehling | E.M. ↓



20:45 Floor 2 containment begins
21:00 Floor 1 Cafe E. Hall begins
21:45 Floor 2 Completed - visual OK



00:45 Floor 1 detail complete
apply foam sealant.

01:00 work completed

06:00 observe chill. H2O testing to 09:45 prep for clearance tests
10:00 perform clearance testing Floor 1 and 2 containments w/ HTI
Cc and deliver to lab

Signature _____

Date _____



PROJECT LOG

DATE: 11/2/11

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

LCD REPS: TMI ; LEC ; PAGE 1 OF 2

Client	Department of General Services (DGS)	Contractor: JLS Environmental	Day <input type="checkbox"/> Swing <input checked="" type="checkbox"/> Weekend/Holiday <input checked="" type="checkbox"/>
Project	Board of Equalization (BOE)	Location(s):	Floor <u>2</u> Floor <u>21</u> Floor _____ Floor _____
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold ACM LBP Other _____
LCD Project #	2372.0 <u>2</u> -572; SOW <u>4.0</u>	Description: <u>Floor 2 ports</u>	
LCD Project #	2372.0 <u>2</u> -572; SOW <u>4.0</u>	Description: <u>Floor 21 - data loggers</u>	
LCD Project #	2372.0 _____-572; SOW _____	Description: _____	

CONTAINMENT INFORMATION

- Floor Occupied Floor Vacant _____
- Containments: a) Mea. b) W/room c) _____ d) _____ e) _____ f) _____
- Type of Containment: NPE Mini _____ Barrier Tape _____ Minor Procedures _____ N/A _____
- Type of Decon: Shower _____ 2-Stage _____ 1Stage Drop Sheet W/Vacuum _____ None _____
- Manometer: Yes _____ No _____ Strip Chart Record: Yes _____ No _____ Adequate Pressure: Yes No _____
- Containment Entry Log: Yes No _____
- Containment and Decon maintained in accordance with accepted practices and procedures: Yes No _____
- HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes No _____
- Negative Air Exhaust Location: Exterior _____ Window _____ Shaft _____ Exhaust Duct _____ Interior
- 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: O&M - major wall penetrations. (install 2" ports

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

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. _____

Weds

LaCroix Davis Project LOG

Date: 11/2/11 → 11/3/11

PROJECT EXPENSES: Hotel: Per Diem: Travel: Destination: site, Hlts

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

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

Laboratory Name/Location: _____

Notes

1800 - mob

1900 - security access to Floor 2

begin prep

containment prep completed 19:30

- layout ports Men's & women's

20:00 Begin installations Men's & women's 8 & 9

21:00 Completed 2 locations women's restroom (8,9)
move to 10 and 12 - (port clean areas 8 & 9)

21:30 Break - 10 & 12 ca

22:15 continue installations - 1 location @ site

23:00 begin detail cleaning both areas

Signature

MomSci

Date

11/3/11



PROJECT LOG

DATE: 11/3/11 - 11/4/11

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

LCD REPS: TMI; CC ; **PAGE** ___ **OF** ___

Client	Department of General Services (DGS)	Contractor: JLS Environmental	Day ___ Swing <input checked="" type="checkbox"/> Weekend/Holiday ___
Project	Board of Equalization (BOE)	Location(s):	Floor 2 Floor ___ Floor 21 Floor ___
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold ACM LBP Other
LCD Project #	2372.0 2 -572; SOW 4.0	Description:	install sampling ports floor 2
LCD Project #	2372.0 2 -572; SOW 4.0	Description:	air monitoring at Floor 2 and 21
LCD Project #	2372.0 ___ -572; SOW ___	Description:	

CONTAINMENT INFORMATION

- Floor Occupied Floor Vacant _____
- Containments: a) 214 b) Janitor c) 210 d) SW e) _____ f) _____
- Type of Containment: NPE Mini _____ Barrier Tape _____ Minor Procedures _____ N/A _____
- Type of Decon: Shower _____ 2-Stage _____ 1Stage Drop Sheet W/Vacuum _____ None _____
- Manometer: Yes No _____ Strip Chart Record: Yes No _____ Adequate Pressure: Yes No _____
- Containment Entry Log: Yes No _____
- Containment and Decon maintained in accordance with accepted practices and procedures: Yes No _____
- HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes No _____
- Negative Air Exhaust Location: Exterior _____ Window _____ Shaft _____ Exhaust Duct _____ Interior
- 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: install sampling ports 2-15, 2-14, 2-13
 perform clearance testing 3 containments Floor 2
 install summa canisters Floors 2 and 21
 at sampling ports (to 5:30 AM)

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: _____

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. _____

Thursday to Friday

LaCroix Davis Project LOG

Date: 11/3/11 → 11/4/11

PROJECT EXPENSES: Hotel: Per Diem: Travel: Destination: site & lab

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

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

Laboratory Name/Location: _____

Notes

install sampling ports Thurs PM to Fri AM (3:30)
perform clearance testing -
install summa canisters Floors 2 and 21
begin sampling Floors 2 & 21 to 5:30 AM

Signature

Morgan

Date

11/4/11



PROJECT LOG

DATE: 11/04/11 - 11/5

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 <input checked="" type="checkbox"/> Weekend/Holiday <input checked="" type="checkbox"/>
Project	Board of Equalization (BOE)	Location(s):	Floor <u>1</u> Floor <u>2</u> Floor <u>19</u> Floor <u>21</u>
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold <input checked="" type="checkbox"/> ACM LBP Other <u>VOC's</u>
LCD Project #	2372.0 <u>2</u> -572; SOW <u>5.0</u>	Description:	Floor 1 FRP Containment #12
LCD Project #	2372.0 <u>2</u> -572; SOW <u>5.0</u>	Description:	Floor 19 VCT
LCD Project #	2372.0 <u>2</u> -572; SOW <u>4.0</u>	Description:	Floors 2 & 21

CONTAINMENT INFORMATION

- Floor Occupied Floor Vacant _____
- Containments: a) F1 - FRP 12 b) F19-19A c) F19-19B d) F19-1911 e) F19-19C f) _____
- Type of Containment: NPE a,b,c,d,e Mini _____ Barrier Tape _____ Minor Procedures _____ N/A _____
- Type of Decon: Shower _____ 2-Stage _____ 1Stage a Drop Sheet W/Vacuum b,c,d,e None _____
- Manometer: Yes No _____ Strip Chart Record: Yes No _____ Adequate Pressure: Yes No _____
- Containment Entry Log: Yes No _____
- Containment and Decon maintained in accordance with accepted practices and procedures: Yes No _____
- HEPA Fans and Vacuums have current aerosol challenge test sticker: Yes No _____
- Negative Air Exhaust Location: Exterior _____ Window _____ Shaft _____ Exhaust Duct b,c,d,e Interior a
- 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: FRP - Floor 1 Containment #12 E-W Hall south of 128, 129 at East End
VCT - containments 19A, 19B, 19C, 1911
Floor 2 - AM set summa cans Floors 2 & 21 to 5:30 AM
PM collect summa cans Floors 2 & 21 18:00 - 22:00
PM collect spore traps 20:00 to 23:30 Floor 2.

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: 11/4/11 → 11/5/11

PROJECT EXPENSES: Hotel: Per Diem: Travel: Destination: site & lab x 2

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

LAB: Type/No. Samples collected: Tape _____ Bulk 1 (FP) Air 4
 Laboratory Name/Location: EML P&K W SACTO

Notes

JLS continues adhesive removal Floor 19
 perform clearance testing Floor 1 FRP containment 12
 Joe Martinez elects to grind Floor 19 rooms 19A, 19B, 1911
 only 19C was completed entirely by hand scraping
 JM discusses safety issues with crew - re: respirator (chemical H₂),
 filters, safety goggles, hearing (loud noise/machinery) if needed
 coordinate testing Floor 1 FRP w/ KTB and deliver to lab
 call M. Hoy as requested to provide weekend update re:
 Floors 1, 2, 19, 21
 schedule Sunday AM testing Floor 19 containments
 w/ HTI and EML P&K.
 (Friday) M. Hoy recommends using 2 SKC Quick Take 30 pumps
 to collect air samples in above ceiling spaces.
 crew sets up grinder at 15:25 - begins grind Room 19A at 15:27
 complete grinding - Power issues 15:37 bleaker 15:45 complete at 15:46
 916 3761685 - 21 Weds PM data loggers FL1 ✓ call Mike Moore w/ status
 12 minutes to complete Room 19A - all adhesive gone - OK
 begin Room 19B 15:54 (19A would take several hours to scrape by hand)
 16:01 pause 19B - resume 16:02 complete 16:37
 relocate to 1911 to complete work this shift. (15 minutes)

Signature _____

Thomson

Date 11/5/11

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



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 2 Stairs 3
EML ID: 798872

Approved by:

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

Lab Manager
Malcolm Moody

Dates of Analysis:

Direct microscopic exam (Qualitative): 06-27-2011

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

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

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

Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 2 Stairs 3

Date of Sampling: 06-25-2011
 Date of Receipt: 06-25-2011
 Date of Report: 06-27-2011

DIRECT MICROSCOPIC EXAMINATION REPORT

(Wet Mount)

Background Debris and/or Description	Miscellaneous Spores Present*	MOLD GROWTH: Molds seen with underlying mycelial and/or sporulating structures†	Other Comments††	General Impression
Lab ID-Version‡: 3539123-1: Tape sample 2372-625-F2T01: South Wall at Cove				
Very Heavy	Few	None	None	Normal trapping
Lab ID-Version: 3539124-1: Tape sample 2372-625-F2T02: GB AC SE at Column				
Heavy	Very few	3+ <i>Cladosporium</i> species (spores, hyphae) 2+ <i>Ulocladium</i> species (spores, hyphae)	None	Mold growth

* 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".

CHAIN OF CUSTODY

www.EMLabPK.com



EMLab P&K

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

MSRHEET	RD	Rth	Stw	WU	Qtr
NUP					
LOT					
Misc					
HEY					

FUNGAL ANA

REQUESTED SERVICES

Non-Culturable

Cult

Spore Trap
 BioCassette * Andersen, SAS, SWAB, Water, Bulk, Dust, Soil, Contact Plate



000798872

PROJECT INFORMATION		TURN AROUND TIME CODES - (TAT)		NOTES
Project ID: BAS-BOE	Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.		
Project Desc: Floor 2 Stairs 3	ND - Next Business Day			
Project Zip Code: 08003	SD - Same Business Day Rush			
PO Number: 2372-02-572	WH - Weekend/Holiday			
SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (BS applicable)
2372-625-FR101	South Wall at Cove	T	STD	
2372-625-FR102	90 ac SE of building	T	STD	

CONTACT INFORMATION		RELINQUISHED BY	DATE & TIME
Company: LaCroix Davis, LLC	Address: 3685 Mt. Diablo Blvd, Lafayette CA 94549	<i>Maureen Lee</i>	6/25/11
Contact: Chris Coppola Tel: 408-253-1140	Special Instructions: Please Email All Contacts		
Phone: 925-299-1140			

SAMPLE TYPE CODES		RECEIVED BY	DATE & TIME
BC - BioCassette *	CP - Contact Plate	<i>Maureen Lee</i>	6/25/11
A1S - Andersen	ST - Spore Trap: Zefon, Allergenco, Burkard...		
SAS - Surface Air Sampler	D - Dust		
O - Other	SW - Swab		
	W - Water		
	B - Bulk		
	SO - Soil		

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EMLab P&K

Report for:

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

Regarding: Project: DGS-BOE; Floor 1 Cafe Floor 2 Stair 3
EML ID: 803374

Approved by:

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

Lab Manager
Malcolm Moody

Dates of Analysis:

Spore trap analysis: 07-09-2011

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 1 Cafe Floor 2 Stair 3

Date of Sampling: 07-09-2011
 Date of Receipt: 07-09-2011
 Date of Report: 07-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-709-F1/2A01: Exterior SW		2372-709-F1/2A02: Floor 1 Cafe E Hall Ambient		2372-709-F1/2A03: Cafe W. Hall Containment	
Comments (see below)	A		A		A	
Lab ID-Version‡:	3558730-1		3558731-1		3558732-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria	29	390				
Arthrinium						
Ascospores*						
Basidiospores*	1	53				
Bipolaris/Drechslera group	1	13				
Botrytis						
Chaetomium						
Cladosporium	41	2,200	3	160	1	53
Curvularia						
Epicoccum						
Myrothecium						
Nigrospora						
Penicillium/Aspergillus types†	1	53				
Pithomyces						
Rusts*	6	80				
Smuts*, Periconia, Myxomycetes*	17	230				
Stachybotrys						
Stemphylium						
Torula	5	67				
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		1+		2+	
Hyphal fragments/m3	290		40		13	
Pollen/m3	150		< 13		13	
Skin cells (1-4+)	1+		1+		1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		3,100		160		53

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 than reported. It is important to account for samples volumes when evaluating dust levels.

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 1 Cafe Floor 2 Stair 3

Date of Sampling: 07-09-2011
 Date of Receipt: 07-09-2011
 Date of Report: 07-09-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-709-F1/2A04: Floor 2 Stair 3 Containment		2372-709-F1/2A05: Floor 2 Stair 3 Containment		2372-709-F1/2A06: Exterior NE	
Comments (see below)	A		A		A	
Lab ID-Version‡:	3558733-1		3558734-1		3558735-1	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria					23	310
Arthrinium						
Ascospores*					3	160
Basidiospores*			1	13	9	480
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium	1	53			66	3,500
Curvularia						
Epicoccum						
Myrothecium						
Nigrospora						
Penicillium/Aspergillus types†					3	160
Pithomyces						
Rusts*					5	67
Smuts*, Periconia, Myxomycetes*					206	2,700
Stachybotrys						
Stemphylium						
Torula					1	13
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	3+		3+		3+	
Hyphal fragments/m3	13		< 13		210	
Pollen/m3	< 13		< 13		67	
Skin cells (1-4+)	2+		2+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		53		13		7,500

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 than reported. It is important to account for samples volumes when evaluating dust levels.

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 1 Cafe Floor 2 Stair 3

Date of Sampling: 07-09-2011
 Date of Receipt: 07-09-2011
 Date of Report: 07-09-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-709-F1/2A01, Exterior SW**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	390	7	40	520	65	7	27	210	51
Bipolaris/Drechslera group	13	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	14	7	13	120	20
Cladosporium	2,200	47	760	10,000	97	53	590	7,800	96
Curvularia	-	7	27	800	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	53	27	210	2,700	78	33	210	2,500	83
Stachybotrys	-	7	13	300	3	7	13	210	4
Torula	67	7	13	160	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	-	13	270	7,000	84	13	110	2,100	69
Basidiospores	53	13	530	27,000	94	13	210	8,700	92
Rusts	80	7	13	260	23	7	13	270	24
Smuts, Periconia, Myxomycetes	230	7	53	1,900	78	7	40	560	66
§ TOTAL SPORES/m3	3,100								

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Mr. Ashley
 McKinley, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 1 Cafe Floor 2 Stair 3

Date of Sampling: 07-09-2011
 Date of Receipt: 07-09-2011
 Date of Report: 07-09-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-709-F1/2A06, Exterior NE**

Fungi Identified	Outdoor data	Typical Outdoor Data by Date†				Typical Outdoor Data by Location‡			
		Month: July				State: CA			
	spores/m3	low	med	high	freq %	low	med	high	freq %
Generally able to grow indoors*									
Alternaria	310	7	40	520	65	7	27	210	51
Bipolaris/Drechslera group	-	7	13	290	22	7	13	130	12
Chaetomium	-	7	13	120	14	7	13	120	20
Cladosporium	3,500	47	760	10,000	97	53	590	7,800	96
Curvularia	-	7	27	800	23	7	13	230	7
Nigrospora	-	7	13	200	16	7	13	200	9
Penicillium/Aspergillus types	160	27	210	2,700	78	33	210	2,500	83
Stachybotrys	-	7	13	300	3	7	13	210	4
Torula	13	7	13	160	14	7	13	160	11
Seldom found growing indoors**									
Ascospores	160	13	270	7,000	84	13	110	2,100	69
Basidiospores	480	13	530	27,000	94	13	210	8,700	92
Rusts	67	7	13	260	23	7	13	270	24
Smuts, Periconia, Myxomycetes	2,700	7	53	1,900	78	7	40	560	66
§ TOTAL SPORES/m3	7,500								

† 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.

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Name		Fog	Rain	Snow	Wind	Clear
Light					X	
Moderate						
Heavy						

Non-Culturable		Culturable	
Spore Trap		Bio-Cassette™ Andersen, SAS	
Spore Trap		Water, Bulk, Dust, Soil, Contact Plate	

000803374

Completion: Lacroix Davis LLC
Contact: Coryn Tice, A Stembach WKB
Phone: 925-299-1140
Address: 3685 Mt. Diablo Blvd. Ste 210 Lafayette, CA 94549
Special Instructions: email contacts

Project ID: DG5-BDE
Project Desc: Floor 1 Cafe Floor 2 Stair 3
Project: Sampling
Date & Time: 7/9/11
Zip Code:
PO Number: 8372-02-572

Sample ID	Location	Time	Temp	Humidity	Wind	Pressure	Notes
8372-709-F12A01	Exterior SW	10:13	75	75	75	75	
8372-709-F12A02	Floor 1 Cafe Hall Ambient	10:22	75	75	75	75	
8372-709-F12A03	Cafe 5 Hall Containment	10:30	75	75	75	75	
8372-709-F12A04	Floor 2 Stair 3 Ambient	10:49	75	75	75	75	
8372-709-F12A05	Floor 2 Stair 3 Containment	10:57	75	75	75	75	
8372-709-F12A06	Exterior NE	11:12	75	75	75	75	

Method	Result	Notes
Fungi - Spore Trap Analysis		
Spore Trap Analysis - Other particles		
Direct Microscopic Exam (Qualitative)		
Quantitative Spore Count Direct Gram		
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)		

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

RECEIVED BY	DATE/TIME
Therese	7/9/11 11:32
Wendy Wang	7/9/11 11:35

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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 2
EML ID: 851677

Approved by:



Lab Manager
Malcolm Moody

REVISED REPORT

Dates of Analysis:
Spore trap analysis: 11-04-2011

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.

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Document Number: 200091 - Revision Number: 5

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1104-F2A01: Exterior South		2372-1104-F2A02: Floor 2 Ambient		2372-1104-F2A03: Room 2B		2372-1104-F2A04: Janitor	
Comments (see below)	None		None		None		None	
Lab ID-Version‡:	3779239-2		3779240-2		3779241-2		3779242-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria			2	27				
Arthrinium	1	13						
Ascospores*	4	210						
Aureobasidium								
Basidiospores*	3	160	2	110				
Bipolaris/Drechslera group								
Botrytis								
Chaetomium								
Cladosporium	3	160	1	53				
Curvularia								
Epicoccum			1	13				
Myrothecium								
Nigrospora			2	27				
Other colorless								
Penicillium/Aspergillus types†	1	53						
Rusts*			1	13				
Smuts*, Periconia, Myxomycetes*	2	27	2	27				
Stachybotrys								
Stemphylium								
Torula								
Ulocladium								
Zygomycetes								
Background debris (1-4+)††	1+		3+		2+		1+	
Hyphal fragments/m3	13		53		< 13		13	
Pollen/m3	< 13		< 13		< 13		< 13	
Skin cells (1-4+)	< 1+		1+		1+		< 1+	
Sample volume (liters)	75		75		75		75	
§ TOTAL SPORES/m3		630		270		< 13		< 13

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.

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

SPORE TRAP REPORT: NON-VIABLE METHODOLOGY

Location:	2372-1104-F2A05: 214		2372-1104-F2A06: SW Pop Up		2372-1104-F2A09: Exterior North	
Comments (see below)	None		None		None	
Lab ID-Version‡:	3779243-2		3779244-2		3779247-2	
	raw ct.	spores/m3	raw ct.	spores/m3	raw ct.	spores/m3
Alternaria						
Arthrinium						
Ascospores*					3	160
Aureobasidium						
Basidiospores*					5	270
Bipolaris/Drechslera group						
Botrytis						
Chaetomium						
Cladosporium					8	430
Curvularia						
Epicoccum						
Myrothecium						
Nigrospora						
Other colorless						
Penicillium/Aspergillus types†						
Rusts*						
Smuts*, Periconia, Myxomycetes*					1	13
Stachybotrys						
Stemphylium						
Torula						
Ulocladium						
Zygomycetes						
Background debris (1-4+)††	2+		3+		1+	
Hyphal fragments/m3	< 13		< 13		< 13	
Pollen/m3	< 13		< 13		< 13	
Skin cells (1-4+)	1+		1+		< 1+	
Sample volume (liters)	75		75		75	
§ TOTAL SPORES/m3		< 13		< 13		870

Comments:

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

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

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

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

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

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

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

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

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

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea
 Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1104-F2A01, Exterior South**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	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	27	67	120	59	13	13	27	67	100	56
Arthrinium	13	-	-	-	-	-	< 1	7	13	13	39	53	< 1
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	160	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	53	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	210	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	160	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	27	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	630												

†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.

Client: LaCroix Davis, LLC
 C/O: Mr. Chris Corpuz, Mr. Ted Ice, Ms. Andrea Steinbach
 Re: DGS-BOE; Floor 2

Date of Sampling: 11-04-2011
 Date of Receipt: 11-04-2011
 Date of Report: 11-04-2011

MoldRANGE™: Extended Outdoor Comparison**Outdoor Location: 2372-1104-F2A09, Exterior North**

Fungi Identified	Outdoor data	Typical Outdoor Data for †						Typical Outdoor Data for †					
		November in California (n‡=12224)						The entire year in California (n‡=158505)					
	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	27	67	120	59	13	13	27	67	100	56
Arthrinium	-	-	-	-	-	-	< 1	7	13	13	39	53	< 1
Bipolaris/Drechslera group	-	8	13	13	27	40	15	7	13	13	27	40	13
Chaetomium	-	11	13	13	27	53	19	8	13	13	27	44	19
Cladosporium	430	210	370	1,100	3,300	5,900	98	110	210	640	1,700	2,800	97
Curvularia	-	7	13	13	27	41	9	7	13	13	27	53	6
Nigrospora	-	8	13	13	27	53	13	7	13	13	27	53	8
Penicillium/Aspergillus types	-	53	110	320	910	1,600	90	53	110	210	600	1,000	86
Stachybotrys	-	13	13	13	40	67	5	7	13	13	33	67	5
Torula	-	10	13	13	40	67	10	8	13	13	40	67	12
Seldom found growing indoors**													
Ascospores	160	13	53	120	480	990	72	22	53	110	330	670	72
Basidiospores	270	53	110	430	2,400	6,100	96	53	80	270	1,000	2,400	94
Rusts	-	13	13	13	47	89	28	13	13	13	50	80	27
Smuts, Periconia, Myxomycetes	13	13	13	40	110	170	72	13	13	40	110	190	69
§ TOTAL SPORES/m3	870												

†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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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	Tag	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					



000851677

Requested Services: Culturable
 BioCassette: Andersen, SAS, Swab, Water, Bulk, Dust, Soil, Contact Plate

PROJECT INFORMATION
 Company: Lacroit Davis, LLC
 Address: 3685 Mt. Diablo Blvd Ste 210
 City/State: Cafayette, CA 94509
 Phone: 925-299-1140

CONTAIGIN INFORMATION
 Project ID: DGS-BOE
 Project Desc.: Floor 2
 Project: Sampling
 Date & Time: 11/04/11
 Zip Code: 94502
 I/O Number: 231202-572

Sample ID	Description	Sample Type (Follow)	TAT (above)	Total Volume/Rate (if applicable)	Notes (Time of day, Temp, RH, etc)
2312-1104-FLA01	EXTERIOR SOUTH	ST	WAT	75	00:55
2312-1104-FLA02	Floor 2 Ambulad	ST	WAT	75	00:05
2312-1104-FLA03	Room 20	ST	WAT	75	00:17
2312-1104-FLA04	Janitor	ST	WAT	75	00:30
2312-1104-FLA05	214	ST	WAT	75	00:50
2312-1104-FLA06	5W POP UP	SV	WAT	75	01:02
2312-1104-FLA07	2B #2	ST	WAT	75	01:15
2312-1104-FLA08	214 #2	ST	WAT	75	01:30
2312-1104-FLA09	exterior north	ST	WAT	75	01:49

SAMPLE TYPE CODES		PRELIMINARY BY	DATE & TIME
BC - BioCassette	ST - Spore Trap, Zelon, Allergenco, Burkhard...	<i>Theranda</i>	11/04/11
ATIS - Anderson	T - Tape		
SAS - Surface Air Sampler	SW - Swab		
CP - Contact Plate	SO - Soil		
	B - Bulk		
	NP - Non-Potable Water		
	O - Other		

Non-Culturable	Culturable	Other requests
Spore Trap Analysis	1-Media Surface Fungi (Genus ID + Asp. spp.)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Fungi - Spore Trap Analysis	2-Media Surface Fungi (Genus ID + Asp. spp.)	Adverse Analysis - PCM (PPA method 800/R-93-116)
Direct Microscopic Exam (Quantitative)	3-Media Surface Fungi (Genus ID + Asp. spp.)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Quantitative Spore Count Direct Exam	Culture Air Fungi (Genus ID + Asp. spp.)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
Spore Trap Analysis - Other particles	Gram Stain and Counts (Culturable Air and Surface Bacteria)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Legionella culture	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Total Coliform, E.coli (Presence/Absence)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Membrane Filtration (Please specify organism)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	MYP Bacteria (Please specify organism)	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)
	Quarantary - Sewage Screen	Adverse Analysis - PCM Airborne Fiber Count (NIOSH 7400)

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