

## **APPENDICES**

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# **Appendix A**

## **Protocols**



**State Board of Equalization  
Generic Floor Remediation Protocol, Rev 1  
450 N Street  
Sacramento, California 95814**

*Project No. 2372.02-572 SOW 1.0*



**Prepared for:**  
Department of General Services  
707 3<sup>rd</sup> Street  
West Sacramento, California 95605

**Prepared by:**  
  
Chris Corpuz, MS, CIH, Senior Manager  
LaCroix Davis LLC

August 3, 2009



# State Board of Equalization Generic Floor Remediation Protocol

## 450 N Street, Sacramento, California

PROTOCOL BY: *LaCroix Davis LLC*    DGS IH MONITOR: *TBD*    BOE IH: *HygieneTech Inc*  
 DGS PM: *Mike Moore*    Remediation Contractor: *JLS Environmental, Inc.*

Note: *These are general protocols to be followed for the building as a whole. As the individual floors are investigated, there may be unique aspects to each that would fall outside this scope. As these special situations occur, the current protocol shall be amended in such a way as to properly accommodate the dynamic nature of the ongoing building investigation.*

DESCRIPTION	GENERIC REQUIREMENT
Defined Work Area	Identify areas to be investigated and/or remediated. Determined during the joint initial floor acceptance "walk around" with DGS and BOE.
Results of Microbial Investigation	<p>Areas that have been historically impacted* by water leaks or flooding shall be visually surveyed and tested (as needed) to determine the presence or absence of visible or suspect visible mold growth.</p> <ul style="list-style-type: none"> <li>• Areas of suspect visible mold growth (based on both visual and historical evidence) will be sampled (using sampling methods such as tape lifts, bulk samples; and possibly destructive testing, if indicated) and confirmed by direct microscopic examination.</li> <li>• Additional investigation of "punch out" windows will be discussed and determined during the joint initial floor acceptance "walk around" with DGS and BOE.</li> <li>• In addition, for each floor, photographs generated during the 2005 McGinnis-Chen spandrel wall project will be reviewed by DGS' industrial hygienist to evaluate the need for any additional destructive testing of the building perimeter walls.</li> </ul>
Personnel Training and Qualifications	<p>Only trained and qualified JLS personnel shall be allowed to enter "established" negative-pressure containments.</p> <p>Only trained and qualified project IH consulting personnel shall be allowed to enter "established" negative-pressure containments and must be accompanied by JLS personnel.</p>
Personal Protective Equipment (PPE) for entering established containments areas	<ul style="list-style-type: none"> <li>• All JLS personnel performing mold removal or cleaning shall wear a full-face air-purifying respirator with HEPA cartridge; disposable protective clothing that covers head and feet; gloves.</li> <li>• Visiting personnel and consultant observers shall provide their own and wear, at minimum, a half-face air-purifying respirator with HEPA cartridge; disposable protective clothing that covers head and feet; gloves.</li> <li>• During the collection of clearance air samples, no respiratory protection is required; disposable protective clothing and gloves are still required.</li> </ul>

Occupants/Tenants	<ul style="list-style-type: none"> <li>• BOE staff personnel shall be interviewed and relocated prior to any cleaning or mold removal activities.</li> <li>• Regular elevator access to the floor shall be “locked out”; stairwell access doors alarmed; construction signage posted; and building occupants/tenants notified of current activities on the floor.</li> </ul>
Work Area Preparation and/or Containment	<ul style="list-style-type: none"> <li>• Any areas that may require additional investigation or remediation, outside of the building core area on a floor, may require isolation in containments equipped with exhaust equipment to provide a minimum negative air pressure of .02 inches water gauge.</li> <li>• Restrooms and any other core rooms designated for remediation shall be physically isolated with critical barriers/containments and equipped with ventilation exhaust equipment to provide a minimum negative air pressure of .02 inches water gauge.</li> </ul>
Stained Gypsum Board Walls	<p>Any “suspect” liquid stains (i.e., has a history or other physical evidence of water-related problems) on the gypsum board walls will be sampled to confirm the presence or absence of VMG; surface samples are to be collected using Bio-Tape™ or similar method(s) at the discretion and consensus of the project industrial hygienists.</p>
Stained Fire-Proofing	<p>All “stained” fire proofing in areas that have been historically impacted by leaks or floods will be identified and sampled at locations showing the most critical staining. A bulk sample shall be collected from each stained area on the fire-proofing with an emphasis on collecting a sample from what appears to be the most severely impacted area of the fire-proofing.</p>
Areas With Visible Mold Growth (VMG)	<ul style="list-style-type: none"> <li>• All areas of visible and suspect mold growth will be sampled and analyzed by direct microscopic examination.</li> </ul>

<p>Work and Egress Areas</p>	<ul style="list-style-type: none"> <li>• HEPA vacuum work area and egress path.</li> <li>• Clean areas with a damp cloth and/or mop and/or detergent solution.</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• When limited room does not allow the construction of an entry containment, no cleaning or removal work may commence until a HEPA vacuum and large garbage bags are placed inside the containment.</li> <li>• Each person exiting such a containment shall be required to step into a large garbage bag; HEPA vacuum the exterior of their protective suits; roll the protective clothing off of their body and into the garbage bag; roll their gloves off into the garbage bag; and then seal their respirator in a plastic bag for later cleaning.</li> </ul>
<p>Drying Areas</p>	<p>In general, work areas should be left dry and visually clear of contamination and debris. Some contamination and debris may remain during intermediate stopping points in the removal and cleaning process.</p>
<p>Air Monitoring</p>	<ul style="list-style-type: none"> <li>• During removal: no air monitoring is required unless a release episode occurs that could impact other occupied areas within the building.</li> <li>• However, at discretion of the project industrial hygienists, random air sampling may be periodically performed to demonstrate the efficacy of control measures and work practices.</li> </ul>

Clearance	<ul style="list-style-type: none"> <li>• Any work areas or containments that have been established, but mold growth is not visually present, shall not require air scrubbing prior to the collection of air clearance.</li> </ul>
	<ul style="list-style-type: none"> <li>• Work area to be cleared should be dry and visually clear of contamination and debris as determined by the project industrial hygienists.</li> <li>• Each area that is cleaned shall require a minimum of 24-hours of air scrubbing.</li> <li>• Two (2) outside air samples (one outside the containment, but on the same floor; one at ground level) prior to collection of inside containment samples.</li> <li>• The number of inside air samples shall be determined by the size of the containment and at the discretion and consensus of the project industrial hygienists; as few as one (1) and no more than five (5).</li> <li>• Two (2) outside air samples after collection of inside samples (one outside the containment, but on the same floor; one at ground level on opposite side of the building where initial outside sample was collected).</li> <li>• Criteria for successful air sample clearance:                         <ul style="list-style-type: none"> <li>○ Quantitative spore counts collected inside containment are less than those observed in outside samples.</li> <li>○ Similar in rank order and distribution</li> <li>○ Air sample does not contain specific spores of concern that were identified during initial identification of VMG.</li> </ul> </li> </ul>
	<ul style="list-style-type: none"> <li>• Criteria for successful surface sample clearance:                         <ul style="list-style-type: none"> <li>○ No VMG based on direct microscopic examination.</li> <li>○ Surface sample does not contain specific spores of concern that were identified during initial identification of VMG.</li> </ul> </li> </ul>
De minimis Quantities	<ul style="list-style-type: none"> <li>• Any confirmed quantity of VMG to be removed shall be done so under isolation containment.</li> </ul>

Other information:	
Encapsulant	Foster® Full Defense™ (40-25) or Foster® 40-50™ Mold Resistant Coating
Clearance Laboratory	Environmental Microbiology Lab, West Sacramento (or San Bruno), California
Historically Impacted*	Flood and water damage history is based on a review of historical records and interviews of both BOE and DGS personnel that have worked in the building.

**Appendix B**  
**Daily Logs**



DAILY PROJECT LOG - DATE: 9/8/09

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
 LAFAYETTE, CA 94549  
 TEL 925-299-1140 FAX 925-299-11

PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	AM
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: _____	Area:	<u>supplemental WDA</u>
LCD Project #	2372.02-572; SOW <u>4.0</u>		
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION**

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage \_\_\_\_\_ Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes \_\_\_ No \_\_\_ Readings: Start of Shift \_\_\_\_\_; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? \_\_\_\_\_
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? \_\_\_\_\_
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

Begin Prep - Restrooms and punch out windows containments

**SUMMARY OF DAILY ACTIVITIES**

Removal \_\_\_\_\_, Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method)

8:30 vacant floor walk around - CC, TM, Mike Moore, Joan Armstrong, Wes Frey, Charlene Wount, Greg Sheehan + Efrain Rando.  
check containments.

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous \_\_\_\_\_ Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out? \_\_\_\_\_ Hazardous Waste Manifest? \_\_\_\_\_ N/A

Packaging: Bags, Double 6 Mil \_\_\_\_\_ Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? \_\_\_\_\_

Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE N/A

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

Contractor Air Sampling?  Number of Workers Sampled —

DATE: 9/8/09Page 2 of 2**PERSONAL EXPENSES:**Hotel: (Y or N?) Y Name of Hotel: Quality InnPer Diem? (Y or N?): Y Mileage? (Y or N?) Y Destination: Site**FIELD SUPPLIES:** PPE: Suits? 0 Gloves (pairs)? 2 Respirator filters:**LAB EXPENSES:** Type/No. Samples collected: Tape 1 Bulk      Air     Laboratory Name: EML P&K (hold for batch)

TIME	Activity
8:30	meet for vacant floor handoff floor 14
10:00	prep for floor 14 Supplemental WDA
10:30	perform supplemental WDA - VAV's above ceiling completed by 15:00
	discuss containment's at Punch Out windows at NW, NE and SW punch outs - containment's will be built limited to punch out windows. At SE sawtooth the entire sawtooth will be contained to remove keyboard at the ganderel windows also.
15:15	Inspect Restrooms floor 14 - containment's completed • cabinets + sinks disconnected •

Signature

Theodore

Date

9/8/09



**DAILY PROJECT LOG - DATE: 9-09-09**

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
 LAFAYETTE, CA 94549  
 TEL 925-299-1140 FAX 925-299-11

PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	AM
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: _____	Area:	<u>All + restrooms</u>
LCD Project #	2372.02-572; SOW <u>4.0 + 5.0</u>		
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION** Restrooms

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift \_\_\_\_\_; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? No
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? current stickers
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

NAM exhaust to foyer

**SUMMARY OF DAILY ACTIVITIES**

Removal  Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) cabinets and lower plumbing wall removed and load out

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out?  Hazardous Waste Manifest? \_\_\_\_\_

Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? No

Visual Inspections: Pre-abatement  Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE goggles and respirators

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

Contractor Air Sampling? No Number of Workers Sampled No

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: QT

Per Diem? (Y or N?): Y Mileage? (Y or N?) Y Destination:

**FIELD SUPPLIES:** PPE: Suits? 3 Gloves (pairs)? 12 Respirator filters: 0

**LAB EXPENSES:** Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air \_\_\_\_\_

Laboratory Name: EML P & K 18 total w/ 9/8/09 + 9/9/09

TIME	Activity
07:00	collect 1 sample of FP at N19
	to inspect Floor 14 SE area above ceiling at sawtooth
09:00	collect bulk samples and tape samples
09:15	inspect Restrooms and Janitor Room contaminants.
	women's restroom - remove wall materials as necessary
	to chase mold growth on shaft wall including
	dispenser wall cavity.
	men's restroom - remove N & S walls - shaft has mold
	remove partition walls as necessary to access shaft walls
	and clean VMC.
	Janitors remove all flooring and base - identify staining
10:30	- women's restroom - remove dispenser
11:30	lunch
11:45	continue sheetrock removal
	meeting w/ Mark Fragoso & CC re: FP on 11
	JC on 1
12:40	call Wes Frey HTI for 1:30 meeting re: F14 restrooms
13:00	meet w M. Fragoso + Charles Anger re: Floor 11
	mobilize equip to N-20 and set up test to 15:15
15:20	Floor 14 Supp WOA south side continues w/ HTI
	Larry Sandhu to 17:00
17:30	Begin VAV floor 15 inspect 10 locations.

Signature Shonda / Kevan

Date 9/9/09



DAILY PROJECT LOG - DATE: 9/10/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	AM PM
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: <u>5.0) Containments, Men's, Women's, Janitor, Mail</u>	Area: <u>4.0 Floor 14 Supp WDA</u>	
LCD Project #	2372.02-572; SOW <u>5.0, 4.0</u>	Core Rooms and walls Visual + testing	
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION**

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift >0.02; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? No
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? current stickers
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

**SUMMARY OF DAILY ACTIVITIES**

Removal , Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out?  Hazardous Waste Manifest? No  
 Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? No  
 Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE Tyvek, Full Face, gloves  
 On-Site Visitors: 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_  
 Contractor Air Sampling? No Number of Workers Sampled 0

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: OT

Per Diem? (Y or N?): Y Mileage? (Y or N?) Y Destination: Site + lab

**FIELD SUPPLIES:** PPE: Suits? Gloves (pairs)? Respirator filters:

**LAB EXPENSES:** Type/No. Samples collected: Tape 1 Bulk 1 Air     

Laboratory Name: EML P&K

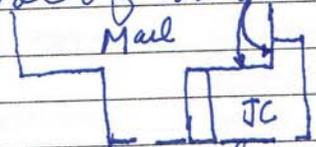
TIME	Activity
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7:00 Floor 14 Containment S  
 Men's - work continues  
 Women's - work continues  
 Janitor Room - work continues  
 VMA identified in Mail Room - adjacent to Janitor Room North Wall -  
 Containment expanded  
 Waiting for direction re: removal of 1 layer of Gypsum Fire wall. OK to proceed Mike Moore.

11:45 Floor 14 women's containment visual inspection. verify DOP testing and mold removal to standard of "no 3-D".

2:00 Enter men's RR, verify DOP of hq. Assess progress of work. Detail cleaning of GB and metal surfaces underway  
 Floor 14 Supplemental WDA completed 15:30  
 sample C.O.C and delivery to lab.

Janitor Room - removal of common walls between Janitor Room and Mail Room that had mold.



Weekend Lab set up confirmed w/ Dan Rohrbach EML P&K

16:00 C.O.C and samples to lab. KTIA

16:15 meet w/ Gary Sheehan re: Floor 1 abatement Plan  
 Phone Call w/ Mike Moore re: weekend lab and VAV work

16:45 Floor 1 - Pasted line is welded (possibly chiller line) relay scope to CC advise that line is close to failure. Severe rusting not insulate wall cavity. email Mike Moore

Signature: Thom [Signature] Date: 9/10/09



**DAILY PROJECT LOG - DATE: 9-11-09**

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
 LAFAYETTE, CA 94549  
 TEL 925-299-1140 FAX 925-299-11

Client	Department of General Services (DGS)	Shift	DAY	7-5
Project	California State Board of Equalization	Number of Workers		
Location	450 N Street, Sacramento CA	Compound(s) of Concern		Mold
	Floors: <u>14</u> Room: _____	Area:	<u>Janitor Room } Connected</u> <u>Mail Room }</u>	
LCD Project #	2372.02-572; SOW <u>5:0</u>		<u>Women's Restroom</u> <u>Men's Restroom</u>	
Contractor	JLS Environmental		<u>SW punch out #1 SW 7:00</u> <u>SW punch out #2 7:00</u> <u>NW punch out #1 8:40</u>	

**CONTAINMENT INSPECTION**

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift >0.02; Middle of Shift >0.02; End of Shift >0.02
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? No
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? Yes - Current Stickers
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space  Vacant Floor

Pre-work containment inspections SW PO 1, SW PO 2, NW PO 1

**SUMMARY OF DAILY ACTIVITIES**

Removal , Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_

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Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out?  Hazardous Waste Manifest? No

Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? No

Visual Inspections: Pre-abatement  Pre-clearance  Comments Women's RR encap applied prior to visual. LCD unable to verify removal.

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Contractor's PPE Tyvek, Respirator, Gloves

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

Contractor Air Sampling? No Number of Workers Sampled 0

PERSONAL EXPENSES:Hotel: (Y or N?) Y Name of Hotel: QIPer Diem? (Y or N?): Y Mileage? (Y or N?): Y Destination:FIELD SUPPLIES: PPE: Suits? Gloves (pairs)? Respirator filters:LAB EXPENSES: Type/No. Samples collected: Tape 1 Bulk      Air 5Laboratory Name: Test America

TIME	Activity
7:00	Work continues in Janitor Room and Mail Room (connected)
	Work continues in Men's Restroom
	Work completed 9/10/09 in Women's Restroom
	Work begins South West Punch Out Containments #1 and #2
SWPO2:	No visible staining SW PO 2 on Gypboard or wall concrete surface no clearance samples will be required.
SWPO1	minor RUST on metal edge (sampled on floor)
8:40	NW punch out 1 Containment completed work begins
9:05	Pre clearance <del>air sampling</del> visual inspection Men's Restroom remove sheetrock in enclosed area
11:00	Core hallway supplemental WDA - collect 1 tape lift on wall about ceiling east corridor
11:45	Pre clearance inspection Janitor Room and Mail Room OK for air testing
13:15	Air testing for SW punch out #1 and #2
13:30	Pre clearance inspection women's RR. Encap applied prior to visual.
14:00	NW Punch out #1 OK for air testing
14:15	NE Punch out #2 OK for air testing.
14:20-14:50	Air samples taken NW punch out #1 & NE punch out #2
15:30	Air sample taken in same exterior spots as before work.
16:00	Sample COC & take samples to lab
16:50	

Signature

Date

9/11/09



DAILY PROJECT LOG - DATE: 9/14/09

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
 LAFAYETTE, CA 94549  
 TEL 925-299-1140 FAX 925-299-11

PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	DAY
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: <u>Various</u>	Area: <u>NW Containment 1</u>	
LCD Project #	2372.01-572; SOW <u>5.0</u>	Men's Restroom: <u>NW Containment 2</u>	
Contractor	JLS Environmental	Women's Restroom: <u>NE Containment 1 and 2</u>	
		Janitor Room: <u>SE Containment</u>	
		Mail Room: <u>SW Containment 1 and 2</u>	

**CONTAINMENT INSPECTION**

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes \_\_\_\_\_ No \_\_\_\_\_ Readings: Start of Shift 20.02; Middle of Shift 7-0.02; End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? \_\_\_\_\_
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? \_\_\_\_\_
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

All containments in good condition and neg pressure 20.02"

**SUMMARY OF DAILY ACTIVITIES**

Removal , Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) Various stages

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out?  Hazardous Waste Manifest? No  
 Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? No

Visual Inspections: Pre-abatement  Pre-clearance  Comments Various phases

Contractor's PPE Tyvek, Respirators, gloves  
 On-Site Visitors: 1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_  
 Contractor Air Sampling? No Number of Workers Sampled No

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: QT

Per Diem? (Y or N?): Y Mileage? (Y or N?) yes Destination: Lafayette to Sac site

**FIELD SUPPLIES:** PPE: Suits? 6 Gloves (pairs)? 6 Respirator filters: 2

**LAB EXPENSES:** Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air 8

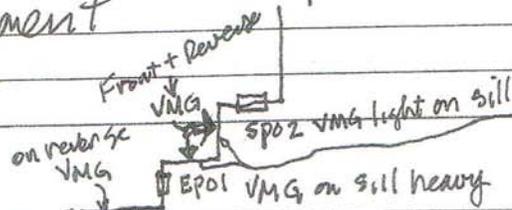
Laboratory Name: EML P & K

TIME	Activity
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07:30 -	inspection and monitoring
Janitor Room	} connected as common wall removed scheduled final air 9/14 PM
Mail Room	
Men's Restroom	
Women's Restroom	
Men's core Hallway Bulk Sample. pending.	
SW Containment 1	- final air pending results
SW Containment 2	- final air pending results
NE Containment 2	- final air pending results
NE Containment 1	- prep for removal
NW Containment 1	- detail cleaning underway complete 12:00
NW Containment 2	- prep - removal 11:45
SE Containment	- prep - removal 11:45

Floor 11 Fireproofing report - pending

11:45	NW Containment 2	removal begins / Complete 13:15
	NE Containment 1	removal underway
	SE Containment	removal underway
13:15	NW Containment 1	final visual 13:15
13:20	NW Containment 2	inspection 13:20 OK for detail
13:30	NE Containment 1	inspection 13:30 OK for detail
13:35	SE Containment	



extremely dirty FG and rust in wall cavity - need air tight seal at floor  
Date \_\_\_\_\_

Signature Thomas



DAILY PROJECT LOG - DATE: 9/15/09

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	DAY
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: _____	Area:	<u>SE Containment</u>
LCD Project #	2372.01-572; SOW _____		<u>NE Containment 1</u>
Contractor	JLS Environmental		<u>NW Containment 1</u> <u>NW Containment 2</u>

**CONTAINMENT INSPECTION**

1. Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
2. Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
3. Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift 70.02; Middle of Shift 70.05; End of Shift \_\_\_\_\_
4. Containment and Decon Clean at End of Shift? (if no explain) yes
5. Containment Smoke Tested by Contractor? NO
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? current stickers
7. Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

SE containment - gap at floor wall beneath windows sealed using tape - Negative pressure increased from -0.021 to -0.051. (This is definitely a pathway for air flow into the Mechanical Room)

**SUMMARY OF DAILY ACTIVITIES**

Removal  Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method)  
removal, loadout, detail cleaning, seal openings at floor/wall

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out?  Hazardous Waste Manifest? NO  
 Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? NO

Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments as work proceeds

Contractor's PPE Typek, Respirators, Gloves  
 On-Site Visitors: 1. Mary Hoff 2. Jill Sonnenwaller 4. \_\_\_\_\_  
 Contractor Air Sampling? NO Number of Workers Sampled 0

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: QI

Per Diem? (Y or N?): Y Mileage? (Y or N?): Y Destination: Site

**FIELD SUPPLIES:** PPE: Suits? 5 Gloves (pairs)? 5 Respirator filters: 2

**LAB EXPENSES:** Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air 6

Laboratory Name: EML P&K

TIME	Activity
------	----------

07:30 -

SW Containment 1 OK to remove containment  
 SW Containment 2 OK to remove containment  
 NE Containment 2 OK to remove containment

9:45

NW Containment 1 final air testing  
 NW Containment 2 final air testing  
 NE Containment 1 final air testing to 11:15

sample COC and delivery to lab. RTI

SE Containment - seal wall/floor gap  
 detail cleaning  
 remove carpet

scheduled meetings w/ Mary Hoy to discuss air tight seal  
 Jill Somerville Janitor closets

discuss Janitor closet Floor 1 SW w/ G Sheehan + C Corby

lab results received for Janitor, Mail, Men's, Women's.

OK to dismantle Men's and Women's Restroom.

① Reclean Janitor and Mail Room combined

Containment, ② Seal Wall cavity ③ Roto st 9/16/09

12:30 JLS removing containment barriers on SW area  
 and NE 2

cleaning continues - metal is rusty and will be  
 scrubbed with power tool/metal bristle. Columns  
 enclosures will be opened at some point for rep. etc.

1300 Mary Hoy + Jill Somerville onsite - view SE wall detail  
 discuss activities and Janitor Room work.

19:00 RTI reports men's/women's clearance  
 15:30 complete for day

Signature

Date 9/15/09



DAILY PROJECT LOG - DATE: 9/17/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	Day
Project	California State Board of Equalization	Number of Workers	2 SUPV. 3 mold 3 sheetrock
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: <u>Janitor/Mail SE Containment</u>	Area:	
LCD Project #	2372.02-572; SOW <u>5.0</u>		
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION**

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift > -0.02; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) yes
- Containment Smoke Tested by Contractor? NO
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? yes - current stickers
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

*all containments are functional >0.02 w.c.*

**SUMMARY OF DAILY ACTIVITIES**

Removal  Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_  
*detail cleaning - SE containment*  
*removal and cleaning Janitor Room*

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out? yes Hazardous Waste Manifest? NO  
 Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? NO

Visual Inspections: Pre-abatement  Pre-clearance  Comments inspection of Janitor Room and Mail Room - mail room will require additional removal to remove staining behind cove base that was discovered  
 Contractor's PPE TYvek, Respirators and suits  
 On-Site Visitors: 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_  
 Contractor Air Sampling? NO Number of Workers Sampled 0

PERSONAL EXPENSES:Hotel: (Y or N?) y Name of Hotel: QIPer Diem? (Y or N?): y Mileage? (Y or N?) y Destination: site and labFIELD SUPPLIES: PPE: Suits? Gloves (pairs)? Respirator filters:LAB EXPENSES: Type/No. Samples collected: Tape — Bulk — Air —Laboratory Name: EML P&K

TIME	Activity
7:00 - 9:00	review lab report Janitor Room - transfer daily logs to server file - call w/ Mary Ann
10 -	inspect Janitor room and mail room - identify additional wall materials to be removed - some staining.
10:30	VLS prepares to critical between 2 rooms and remove additional GWP at shaft in Mail Rm. re-cleaning continues - install barrier at wall cavity
11:15	meet w/ HTI and discuss cleaning beneath loose floor tiles + scraping mastic in mail room (2 tiles)
12:00	inspect Mail Room Containment and photo doc conditions - wall + floor detail cleaning
12:45	inspect SE containment and photo doc conditions - all detail cleaning completed - acceptable - schedule air testing Friday PM

Signature

Thomas Lee

Date

9/17/09



DAILY PROJECT LOG - DATE: 9/18/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	DAY
Project	California State Board of Equalization	Number of Workers	—
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: _____	Area:	<u>SE Containment</u> <u>Janitor Room</u> <u>Mail Room</u>
LCD Project #	2372.02-572; SOW _____		
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION**

1. Type of Containment: NPE \_\_\_\_\_ Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
2. Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage \_\_\_\_\_ Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
3. Manometer? Yes \_\_\_\_\_ No \_\_\_\_\_ Readings: Start of Shift \_\_\_\_\_ Middle of Shift \_\_\_\_\_ End of Shift \_\_\_\_\_
4. Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
5. Containment Smoke Tested by Contractor? \_\_\_\_\_
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? \_\_\_\_\_
7. Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

**SUMMARY OF DAILY ACTIVITIES**

Removal \_\_\_\_\_ Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method)  
Final Air Testing in 3 containments

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous \_\_\_\_\_ Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out? \_\_\_\_\_ Hazardous Waste Manifest? \_\_\_\_\_  
 Packaging: Bags, Double 6 Mil \_\_\_\_\_ Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? \_\_\_\_\_  
 Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE \_\_\_\_\_  
 On-Site Visitors: 1 \_\_\_\_\_ 2 \_\_\_\_\_ 3 \_\_\_\_\_ 4 \_\_\_\_\_  
 Contractor Air Sampling? \_\_\_\_\_ Number of Workers Sampled \_\_\_\_\_

DATE: 9/18/09

Page 2 of 2

PERSONAL EXPENSES:Hotel: (Y or N?) YName of Hotel: QIPer Diem? (Y or N?): YMileage? (Y or N?): YDestination: site and labFIELD SUPPLIES:PPE: Suits? 3Gloves (pairs)? 3Respirator filters: 0LAB EXPENSES: Type/No. Samples collected: Tape \_\_\_\_\_

Bulk \_\_\_\_\_

Air 6Laboratory Name: EML P & K

TIME	Activity
9:00	Receive Fed EX shipment - PortaCount <del>North</del> adapter to Load software onto Laptop
11:00	Test Program and equipment Perform self fit test
12:30	contact HTI regarding Floor 14 air testing in SE, Janitor and Mail Room Containment
1:00	perform final clearance air testing Floor 14 in SE containment, Mail Room Containment and Janitor Room Containment
2:45	complete air sampling Chain of Custody and deliver to lab
4:00	pick up tyvek Suits at Grainger
5:00	perform fit testing for Brice Task 7.0
6:00	Begin Prep floor 1 and 4 Janitor Rooms

Signature

Thomasa

Date

9/18/09



DAILY PROJECT LOG - DATE: 9/18/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	PM
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>1+4</u> Room: <u>Janitor Room</u>	Area: <u>Isolation Values</u>	
LCD Project #	2372.02-572; SOW <u>5.0</u>		
Contractor	JLS Environmental		

CONTAINMENT INSPECTION

- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1-Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift 7:020 neg Middle of Shift > -0.02 End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? No
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? current stickers
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

set up containments began @ 6:00 PM

SUMMARY OF DAILY ACTIVITIES

Removal  Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_  
mold

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out? yes Hazardous Waste Manifest? No

Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? No

Visual Inspections: Pre-abatement  Pre-clearance  Comments pre-abatement inspections, floors 1 & 4 done by Kevin Ice.

Contractor's PPE tires, respirator, gloves

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

Contractor Air Sampling? No Number of Workers Sampled \_\_\_\_\_

DATE: 9/18/09

Page 2 of 2

PERSONAL EXPENSES:Hotel: (Y or N?) YName of Hotel: QIPer Diem? (Y or N?): YMileage? (Y or N?) YDestination: EML P&K/siteFIELD SUPPLIES: PPE: Suits? Gloves (pairs)?Respirator filters: 2LAB EXPENSES: Type/No. Samples collected: Tape \_\_\_\_\_

Bulk \_\_\_\_\_ Air \_\_\_\_\_

Laboratory Name: EML P & K

TIME	Activity
5:00 PM	fit tests
6:00 PM	Set up begins on floors 1 & 4.
7:00 PM	Containments are inside Janitor rooms. Containment inspection given floor 1 → OK to begin work, Containment is sound & neg. pressure is $-0.38$ .
7:10	Work begins floor 1 w/ all required PPE. Containment inspection given floor 4. OK to begin, containment is sound & neg air is $-0.47$ . TMI onsite Leave site - KI
7:30	Floor 1 investigate chill H <sub>2</sub> O lines from Janitor
8:00	closet to Lobby (Plenum). Wall cavity is surprisingly not water impacted very much! from Janitor closet
8:40	Floor 4 inspect and photo - small area of ceiling 1'x2' removed; cleaning ceiling plenum continues.
9:00	Detail cleaning continues Floor 1 and 4
10:00	Detail cleaning continues Floor 1 and 4
10:30	Floor 4 sheetrock ceiling material replaced Floor 4 detail cleaning continues Floor 1 detail cleaning continues
11:00	Detail cleaning continues to 1:30 AM

Signature

Thomson

Date

9/18/09



DAILY PROJECT LOG - DATE: 9/21/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	<u>DAY + PM</u>
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>1+14</u> Room: <u>Janitor / SE</u>	Area:	
LCD Project #	2372.02-572; SOW <u>5.0</u>		<u>Floor 1 JC hallway</u> <u>Floor 14 SE sawtooth</u>
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION** ~~N/A~~

- Type of Containment: NPE N/A Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage \_\_\_\_\_ Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes \_\_\_\_\_ No \_\_\_\_\_ Readings: Start of Shift \_\_\_\_\_ Middle of Shift \_\_\_\_\_ End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? \_\_\_\_\_
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? \_\_\_\_\_
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

reclean interior surfaces of SE containment

**SUMMARY OF DAILY ACTIVITIES**

Removal \_\_\_\_\_ Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_  
Air Monitoring by HII at Floor 1 Janitor Room in Hallway

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_  
 Waste Load-Out? \_\_\_\_\_ Hazardous Waste Manifest? \_\_\_\_\_  
 Packaging: Bags, Double 6 Mil \_\_\_\_\_ Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_  
 Labels? \_\_\_\_\_  
 Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE Tyvek, Respirator, gloves  
 On-Site Visitors: 1. Jill Somerville 2. Mary Kay 3. \_\_\_\_\_ 4. \_\_\_\_\_  
 Contractor Air Sampling? No Number of Workers Sampled 0

PERSONAL EXPENSES:Hotel: (Y or N?) Y Name of Hotel: QIPer Diem? (Y or N?): Y Mileage? (Y or N?): Y Destination:FIELD SUPPLIES: PPE: Suits?  Gloves (pairs)?  Respirator filters: LAB EXPENSES: Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air \_\_\_\_\_

Laboratory Name: \_\_\_\_\_

TIME	Activity
9:00	discuss findings w/ M. Moore re: weekend work
	re: severely corroded piping (chill water - email)
10:00	discuss oxidized chill water pipes - email
1:00	receive HTI comments on Sunday sampling event
	discuss w/ JLS - request that SE Containment
	is recleaned per HTI air sample results
	JLS cleans SE Floor 14 Containment - 3 hours
	HTI concurs w/ LCO clearance for Mail Room
	and Janitor Room - containments can be removed
3:00	discuss w/ CC Floor 1 JC.
6:00	FLOOR 10 VAV above ceiling inspection
+10	most VAV locations were not accurate - multiple openings
9:00	required to locate & multiple prep sequences and cleaning
	at @ opening.
	2 ceiling tiles changed by JLS at 10-9 and 10-4
	Floor 10 Complete -

Signature

Thomas J. ...

Date

9/21/09



DAILY PROJECT LOG - DATE: 9/22/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	AM	PM
Project	California State Board of Equalization	Number of Workers	0	
Location	450 N Street, Sacramento CA Floors 9 and 8 VAV's	Compound(s) of Concern	Mold	
	Floors: <u>14</u> Room: <u>SE</u>	Area:	<u>SE Containment</u>	
LCD Project #	2372.01-572; SOW <u>5.0</u>			
Contractor	JLS Environmental			

**CONTAINMENT INSPECTION**

1. Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
2. Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
3. Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift > 0.02; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
4. Containment and Decon Clean at End of Shift? (if no explain) yes
5. Containment Smoke Tested by Contractor? No
6. Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? current stickers
7. Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

Containment recleaned 9/21/09 12-3:00 PM

**SUMMARY OF DAILY ACTIVITIES**

Removal \_\_\_\_\_, Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method) \_\_\_\_\_

AM retest Floor 14 SE Containment.  
PM perform Supplemental (VAV inspection) WDA. Floor 9 & 8

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous \_\_\_\_\_ Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out? N/A Hazardous Waste Manifest? \_\_\_\_\_

Packaging: Bags, Double 5 Mil \_\_\_\_\_ Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? N/A

Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE N/A

On-Site Visitors: 1. N/A 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

Contractor Air Sampling? — Number of Workers Sampled —

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: QI  
 Per Diem? (Y or N?): Y Mileage? (Y or N?) Y Destination: Site and lab

**FIELD SUPPLIES:** PPE: Suits? Gloves (pairs)? Respirator filters:

**LAB EXPENSES:** Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air 6

Laboratory Name: EML P & K

TIME	Activity
------	----------

14:30	Final clearance air sampling retest - Floor 14 SE
2372-922-A01	Building exterior East 15:05
2372-922-A02	Ambient Floor 14 SE 15:18
2372-922-A03	SE Containment N 15:30
2372-922-A04	SE Containment Center 15:42
2372-922-A05	SE Containment W 15:47
2372-922-A06	Building exterior East 15:58

containment very clean visually  
 Chain of custody and deliver samples to lab.  
 Floor 9 & 8 VAV supplemental WDA

17:30 contact JLS and HTI  
 photo documentation and visual observations  
 floor 9 and 8 to 21:00  
 JLS preps each location prior to opening ceiling. HTI and LCD observe conditions.  
 JLS cleans area, removes poly.  
 Some VAV's are not marked and multiple procedures are necessary to locate the VAV's.  
 21:00 leave site.

Signature Thomas La

Date 9/22/09



DAILY PROJECT LOG - DATE: 9/23/09

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PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	DAY
Project	California State Board of Equalization	Number of Workers	
Location	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
	Floors: <u>14</u> Room: _____	Area:	<u>SE Containment</u>
LCD Project #	2372.02-572; SOW <u>5.0/4.0</u>	FLOOR	<u>7 and 6 VAV's</u>
Contractor	JLS Environmental		

**CONTAINMENT INSPECTION**

- Type of Containment: NPE \_\_\_\_\_ Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
- Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage \_\_\_\_\_ Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
- Manometer? Yes \_\_\_ No \_\_\_ Readings: Start of Shift \_\_\_\_\_ Middle of Shift \_\_\_\_\_ End of Shift \_\_\_\_\_
- Containment and Decon Clean at End of Shift? (if no explain) \_\_\_\_\_
- Containment Smoke Tested by Contractor? \_\_\_\_\_
- Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? \_\_\_\_\_
- Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space \_\_\_\_\_

F14 SE Containment intact - clearance results received at removed. - containment

**SUMMARY OF DAILY ACTIVITIES**

Removal \_\_\_\_\_ Contractor Assist  (If removal, state type of material, quantities, and removal method) \_\_\_\_\_

Inspect above ceiling locations near VAV's - JLS provide poly drop sheets and ladder. HTI and LCD perform inspections.

Type of Waste Generated: Hazardous \_\_\_\_\_ Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out? \_\_\_\_\_ Hazardous Waste Manifest? \_\_\_\_\_

Packaging: Bags, Double 6 Mil N/A Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? \_\_\_\_\_

Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance \_\_\_\_\_ Comments \_\_\_\_\_

Contractor's PPE N/A

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

Contractor Air Sampling? \_\_\_\_\_ Number of Workers Sampled \_\_\_\_\_

PERSONAL EXPENSES:Hotel: (Y or N?) Y Name of Hotel: QIPer Diem? (Y or N?): Y Mileage? (Y or N?) Y Destination: siteFIELD SUPPLIES: PPE: Suits? Gloves (pairs)? Respirator filters:LAB EXPENSES: Type/No. Samples collected: Tape \_\_\_\_\_ Bulk \_\_\_\_\_ Air \_\_\_\_\_

Laboratory Name: \_\_\_\_\_

TIME	Activity
9:00	Weekly Construction meetings to 11:45
1:00	Receive Floor 14 SE Containment lab results release containment at 1:43 written to M. Moore notified JLS Greg Sheehan at 1:05 PM by phone call.
2:00	walk SE containment w/ Mary Hoy to discuss air flow pathway that was observed during the work.
5:30	Contact Larry and discuss meeting at floor 7 at 6:00 PM to proceed with VAV inspections. floor 7 complete at 8:15 proceed to floor 6
8:30	Fire Alarm causes evacuation of building. work terminated/postponed to Thurs PM.

Signature

Shanta

Date

9/23/09



DAILY PROJECT LOG - DATE: 11/12/09

LACROIX DAVIS LLC  
 3685 MT. DIABLO BLVD. SUITE 210  
 LAFAYETTE, CA 94549  
 TEL 925-299-1140 FAX 925-299-11

PAGE 1 OF 2

Client	Department of General Services (DGS)	Shift	DAY PM
Project	California State Board of Equalization	Number of Workers	
Building	450 N Street, Sacramento CA	Compound(s) of Concern	Mold
Location	All floor fire sprinkler cabinets Floor: <u>10</u> Room: _____	Area:	<u>Containments</u>
LCD Project #	2372.02-572; SOW <u>5.0</u>		<u>SE Sawtooth</u>
Contractor	JLS Environmental <sup>03</sup> <u>H2O FS RISERS</u>		<u>Room 1614</u>

CONTAINMENT INSPECTION

- NE Water fountains
- Type of Containment: NPE  Mini \_\_\_\_\_ Barrier Tape \_\_\_\_\_ Minor Procedures \_\_\_\_\_
  - Type of Decon: Shower \_\_\_\_\_ 2-Stage \_\_\_\_\_ 1Stage  Drop Sheet W/Vacuum \_\_\_\_\_ None \_\_\_\_\_
  - Manometer? Yes  No \_\_\_\_\_ Readings: Start of Shift < 0.02; Middle of Shift \_\_\_\_\_; End of Shift \_\_\_\_\_
  - Containment and Decon Clean at End of Shift? (if no explain) yes
  - Containment Smoke Tested by Contractor? No
  - Negative Air Machines and/or HEPA Vacuums Aerosol Challenge Tested? No
  - Negative Air Exhaust Location: Window \_\_\_\_\_ Smoke Shaft \_\_\_\_\_ Stairs \_\_\_\_\_ Unoccupied Space

SUMMARY OF DAILY ACTIVITIES

Removal \_\_\_\_\_, Contractor Assist \_\_\_\_\_ (If removal, state type of material, quantities, and removal method)  
final clearance testing, coc and delivery to lab.  
discuss water fountain abatement protocol w/ H-T/  
PM inspect FS Riser cabinets SE stairwell 24 down to 14

Type of Waste Generated: Hazardous  Non-Hazardous  Adequately Wet \_\_\_\_\_ Manifest \_\_\_\_\_

Waste Load-Out? No Hazardous Waste Manifest? No

Packaging: Bags, Double 6 Mil  Barrels \_\_\_\_\_ Boxes \_\_\_\_\_ Burrito Wrap \_\_\_\_\_ Other \_\_\_\_\_

Labels? No

Visual Inspections: Pre-abatement \_\_\_\_\_ Pre-clearance  Comments previous shift.

Contractor's PPE N/A

On-Site Visitors: 1. N/A 2. \_\_\_\_\_ 3. \_\_\_\_\_ 4. \_\_\_\_\_

Contractor Air Sampling? 0 Number of Workers Sampled 0

**PERSONAL EXPENSES:**

Hotel: (Y or N?) Y Name of Hotel: QI

Per Diem? (Y or N?): Y Mileage? (Y or N?) \_\_\_\_\_ Destination: \_\_\_\_\_

**FIELD SUPPLIES:** PPE: Suits? 2 Gloves (pairs)? 2 Respirator filters: Ø

**LAB EXPENSES:** Type/No. Samples collected: Tape Ø Bulk \_\_\_\_\_ Air \_\_\_\_\_

Laboratory Name: EMU P & K combine w/ 11/13 samples on one chain of custody

**TIME Activity**

- 8:00 discuss water fountain containments + scope
- 1:00 review lab report and discuss w/ Greg - JLS  
OK to remove containments Room 101K & SE Sawtooth
- 2:30 inspect water fountain containments  
discuss removal of additional wall materials
- 4:00 prep for sampling and inspection of Fire-Sprinkler Riser Cabinets
- 6:00 meet w/ HTI Alex at site and contact Dale - BPM to obtain Radio
- 8:00 Completed floors 24 to 14 collect tape left & sample  
Return Radio to Dale - BPM Engineer

Signature

*Thomson*

Date 11/12/09

**Appendix C**  
**Laboratory Reports**

**Appendix D**  
**Correspondence**

**Andrea Steinbach**

---

**From:** Moore, Mike [Mike.Moore@dgs.ca.gov]  
**Sent:** Monday, September 14, 2009 12:41 PM  
**To:** John Sheehan  
**Cc:** GSheehan@jls-inc.com; Sommerville, Jill; Yount, Charlene; Paul, Vince; Chris Corpuz; Courtnier, Bob; Martone, Jim; Hoy, Mary; Armstrong, Joan; Ted Ice; Steve Davis; wfrey@hygienetech.com  
**Subject:** FW: 2372.02-572 DGS-BOE 14th Floor Supplemental Containments  
**Attachments:** Project-579417\_2372.02-572.pdf; Project-579767\_2372.02-572.pdf

John,

Please proceed with remediation on the 14<sup>th</sup> floor at areas documented by LCD in attached e-mail. It is understood that (while this list is intended to be all inclusive) any additional VMG or water staining found during the course of performing your work will be brought to the State's attention immediately. It is further understood that all (known and reachable) VMG and water staining will be documented and remediated before we turn this floor back to BOE.

Thank you,

Mike Moore, PD II

---

From: Chris Corpuz [mailto:ccorpuz@lacroixdavis.com]  
 Sent: Friday, September 11, 2009 4:40 PM  
 To: Moore, Mike  
 Cc: Hoy, Mary; Martone, Jim; Courtnier, Bob; Sommerville, Jill; Armstrong, Joan; Ted Ice; Steve Davis; gsheehan@jls-inc.com; Wes Frey  
 Subject: 2372.02-572 DGS-BOE 14th Floor Supplemental Containments

Mike:

In accordance with the established BOE General Floor Mold Remediation Protocol:

1. Prior to Tuesday, September 8<sup>th</sup>:
  - a. LCD (accompanied by HTI) conducted BOE Staff Interviews of employees that normally occupy the 14<sup>th</sup> and 15<sup>th</sup> floors to identify historical areas of flooding or water damage personally experienced by these employees.
  - b. LCD reviewed the MCA Spandrel Window Project Photographs to identify potential areas of interest along the 14<sup>th</sup> floor exterior perimeter wall. The photographic review revealed some areas of water staining on the south and east walls; but no indications of visible mold growth. A review summary will be included in LCD Closure Report for this floor.
2. On September 8<sup>th</sup>, LCD (accompanied by HTI) conducted a review of the above-ceiling plenum areas above the general office area; with an emphasis on areas identified during the BOE Staff Interviews and areas immediately adjacent to the VAV box locations. No areas were identified that require additional investigation or remediation.

3. On September 9<sup>th</sup> thru 11<sup>th</sup>, LCD (accompanied by HTI) conducted its Supplemental Water Damage Assessment of the 14<sup>th</sup> floor; including all core areas, main corridor, and general office spaces.
4. LCD collected and submitted a series of bulk and surface tape lift samples (see attached EMLab Reports). Four samples indicated the presence of mold growth; two additional samples did not show mold growth, but the presence of *Chaetomium* spores in the samples gave the EML analyst the impression that mold growth may be present in the vicinity. These 6 samples resulted in expanding some containments as described below.

Based on the above information, the following containment areas have been proposed:

- Punch out windows (only):
  - SW (remediation completed and cleared)
  - NW (almost completed)
    - Expand NW containment 3-spandrel panels south along west wall (remediation completed)
  - NE (almost completed)
  - Entire SE corner saw-tooth section (containment completed)
    - Expand SE containment one column section along east wall to the north (not started)
    - Expand SE containment one column section along south wall to the west (not started)
- Janitor closet, below ceiling at cove base (remediation completed/clearance sampling on Monday)
- Mail Room, below ceiling (remediation completed/clearance sampling on Monday)
- Men's and Women's Restrooms (remediation completed/clearance sampling on Monday)
- Main Corridor (bulk sample collected; results due on Monday)

No additional containments will be required unless the bulk sample collected in the main corridor indicates the presence of visible mold growth. Any questions may be directed to me at either of my numbers below.

**Chris Corpuz MS CIH**

Western Regional Manager

**LaCroix Davis LLC**

3685 Mt. Diablo Boulevard, Suite 210

Lafayette, CA 94549

925.299.1140 phone



510.701.4729 mobile

925.299.1185 fax

[ccorpuz@lacroixdavis.com](mailto:ccorpuz@lacroixdavis.com)

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recipient(s) is not a waiver of any attorney-client, work product or other applicable privilege. Thank you.

---

From: Chris Corpuz  
 Sent: Friday, September 11, 2009 4:07 PM  
 To: Ted Ice  
 Subject: 2372.02-572 DGS-BOE 14th Floor Supplemental Containments

Ted: Is this accurate?

In accordance with the established BOE General Floor Mold Remediation Protocol:

5. Prior to Tuesday, September 8<sup>th</sup>:
  - a. LCD (accompanied by HTI) conducted BOE Staff Interviews of employees that normally occupy the 14<sup>th</sup> and 15<sup>th</sup> floors to identify historical areas of flooding or water damage personally experienced by these employees.
  - b. LCD reviewed the MCA Spandrel Window Project Photographs to identify potential areas of interest along the 14<sup>th</sup> floor exterior perimeter wall. The photographic review revealed some areas of water staining on the south and east walls; but no indications of visible mold growth. A review summary will be included in LCD Closure Report for this floor.
6. On September 8<sup>th</sup>, LCD (accompanied by HTI) conducted a review of the above-ceiling plenum areas above the general office area; with an emphasis on areas identified during the BOE Staff Interviews and areas immediately adjacent to the VAV box locations. No areas were identified that require additional investigation or remediation.
7. On September 9<sup>th</sup> thru 11<sup>th</sup>, LCD (accompanied by HTI) conducted its Supplemental Water Damage Assessment of the 14<sup>th</sup> floor; including all core areas, main corridor, and general office spaces.
8. LCD collected and submitted a series of bulk and surface tape lift samples (see attached EMLab Reports). Four samples indicated the presence of mold growth; two additional samples did not show mold growth, but the presence of *Chaetomium* spores in the samples gave the EML analyst the impression that mold growth may be present in the vicinity. These 6 samples resulted in expanding some containments as described below.

Based on the above information, the following containment areas have been proposed:

- Punch out windows (only):
  - SW (remediation completed and cleared)
  - NW (almost completed)
    - Expand NW containment 3-spandrel panels south along west wall (remediation completed)
  - NE (almost completed)
  - Entire SE corner saw-tooth section (containment completed)
    - Expand SE containment one column section along east wall to the north (partially completed containment)
    - Expand SE containment one column section along south wall to the west (partially completed containment)
- Janitor closet, above ceiling (remediation completed/clearance sampling on Monday)

- Mail Room (remediation completed/clearance sampling on Monday)
- Men's and Women's Restrooms (remediation completed/clearance sampling on Monday)
- Main Corridor (bulk sample collected; results due on Monday)

**Chris Corpuz MS CIH**

Western Regional Manager

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**From:** Moore, Mike [Mike.Moore@dgs.ca.gov]  
**Sent:** Monday, September 14, 2009 3:08 PM  
**To:** Chris Corpuz  
**Cc:** Hoy, Mary; Martone, Jim; Courtnier, Bob; Steve Davis; Ted Ice  
**Subject:** RE: 14h Floor Southeast "Saw Tooth" Area  
Mary,

Please take a look at this and let us know what you think.

Mike

---

From: Chris Corpuz [mailto:ccorpuz@lacroixdavis.com]  
Sent: Monday, September 14, 2009 3:03 PM  
To: Moore, Mike  
Cc: Hoy, Mary; Martone, Jim; Courtnier, Bob; Steve Davis; Ted Ice  
Subject: 14h Floor Southeast "Saw Tooth" Area

Mike:

A detailed evaluation of the 14<sup>th</sup> Floor SE "Saw Tooth" Area by LCD revealed mold growth in similar areas where mold growth was seen on the 4<sup>th</sup> and 11<sup>th</sup> floors. As the containments were expanded in this area, LCD also noticed that the gypsum wall board is significantly water-stained; the fiber glass insulation is discolored with rust; and there is other visual evidence (dirt streaking, etc.) that outdoor air is being drawn in through penetrations in the concrete walls of the saw tooth and then down into the Mechanical Room level of the building, possibly due to the high volume air handlers operating in the SE corner of the Mechanical Floor.

LCD is bringing this to your attention to allow BPM sufficient time to investigate and determine if there is a need to provide air-tight seals between the 14<sup>th</sup> and Mechanical Room.

**Chris Corpuz MS CIH**  
Western Regional Manager  
**LaCroix Davis LLC**  
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**Appendix E**  
**Meeting Minutes**