

# **Appendix M**

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## Supplemental ERM Survey



# CITADEL EHS

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December 7, 2020

Ms. Mindy Sheps

**WOLF, RIFKIN, SHAPIRO, SCHULMAN & RABKIN, LLP**

11400 West Olympic Boulevard, 9<sup>th</sup> Floor

Los Angeles, California 90064

**Re: CITADEL Project No. 1097.1003.0  
Supplemental Environmentally-Regulated Materials Survey Report  
Asbestos and Lead Survey  
Our Lady of Mount Lebanon – Church Structure  
333 South San Vicente Boulevard  
Los Angeles, California 90048**

Dear Ms. Sheps:

Enclosed please find Citadel EHS's Supplemental Environmentally-Regulated Materials (ERMs) Survey Report for the above-referenced location.

If after your review you have any questions or require additional information, please do not hesitate to telephone me at the Citadel Office at (818) 246-2707.

Sincerely,  
**CITADEL EHS**

*Jeffrey Klein*

Jeffrey Klein, CAC, CDPH  
Associate Principal, Building Sciences

Enclosure





# CITADEL EHS

assess • resolve • strengthen

**Wolf, Rifkin, Shapiro, Schulman & Rabkin, LLP**  
11400 West Olympic Boulevard, 9<sup>th</sup> Floor  
Los Angeles, California 90064

## **Supplemental Environmentally-Regulated Materials Survey Report**

December 7, 2020

Citadel Project Number 1097.1003.0

Our Lady of Mount Lebanon  
Church Structure  
333 South San Vicente Boulevard  
Los Angeles, California 90048

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## **1.0 INTRODUCTION**

Citadel EHS (Citadel) was contracted by Wolf, Rifkin, Schulman & Rabkin, LLP (Client) to conduct a Supplemental Environmentally-Regulated Materials (ERMs) Survey (Survey) {i.e., asbestos-containing materials/asbestos-containing construction materials (ACMs/ACCMs), lead-containing materials (LCMs), and miscellaneous ERMS} of the Church Structure (Cathedral) (Survey Area), located on the campus of Our Lady of Mt. Lebanon Church, located at 333 South San Vicente Boulevard in Los Angeles, California (Project Site). Citadel conducted a previous survey of the remaining Church structures, including the Church House, Church Hall, and Church Office Building, identified in Citadel's survey report referenced below:

- ❖ 1097.1002.0 *Our Lady of Mt. Lebanon Church ERM Survey Report (Interim Report) dated 10/23/2017*

Please note that the Cathedral was not surveyed during Citadel's initial site visits in August 2017.

The survey was conducted on November 20, 2020, by Citadel representative Mr. Joshua Hoover. Mr. Hoover is a California Department of Occupational Safety and Health (DOSH) Certified Site Surveillance Technician (CSST) (No. 14-5288), and California Department of Public Health Services (CDPH) Lead-Related Construction Sampling Technician (LRCST) (No. LRC-02189). All work was conducted under the general supervision and the report was written by Mr. Jeffrey Klein. Mr. Klein is a DOSH Certified Asbestos Consultant (CAC) (No. 07-4240), and CDPH Lead-Related Construction Project Monitor & Inspector/Assessor (LRCPM/IA) (No. LRC-00501/502). The report was reviewed by Mr. Michael K. Roy. Project team certifications can be found in Appendix A.

The purpose of the survey was to locate, identify, and quantify ACMs/ACCMs, LCMs and miscellaneous ERMS in the interiors, exteriors, and roofs of the Church Structure (Cathedral) that would be disturbed by a deconstruction, reassembly, rehabilitation and limited alteration project.

## **2.0 SURVEY METHODOLOGIES**

### **FIELD METHODOLOGIES – ASBESTOS**

Citadel began the field survey by visually inspecting the survey area to categorize suspect ACMs/ACCMs to be impacted by the project. Suspect ACMs/ACCMs were categorized by homogeneous areas (HAs). HAs consist of groupings of materials that have uniform appearances, textures, and installation dates. Following the walk through, representative bulk samples of suspect ACMs/ACCMs were then collected. As the samples were collected, the locations of the HAs and samples were marked on field sketches. Locations of visible debris were also noted where observed.

### **ACMs/ACCMs Condition Assessment**

Materials were assessed to be in good, *damaged*, or *significantly damaged* condition based on how their condition at the time of the survey related to the following:

- ❖ **Good Condition** - No or very limited visible damage or deterioration was observed.
- ❖ **Damaged Condition** - Crumbling, blistering, water damage, gouges, or other damage was observed over less than 25% of the materials (one-tenth if evenly distributed); or accumulation of suspect powder, dust or debris below the material was observed.
- ❖ **Significantly Damaged Condition** - Crumbling, blistering, water damage, gouges, or other damage was observed over greater than 25% of the material (one-tenth if evenly

distributed); material is delaminating or showing adhesive failure; or accumulation of suspect powder, dust or debris below the material was observed.

Citadel collected bulk samples of suspect materials. Bulk sampling included interior and exterior building materials as necessary, including the roofs. Upon bulk samples collection, Citadel submitted all samples to an accredited laboratory for analysis for asbestos content by polarized light microscopy (PLM).

## **FIELD METHODOLOGIES – LEAD CONTAINING MATERIALS (LCMS)**

### **X-Ray Fluorescence (XRF SA) (SCREEN)**

A lead inspection/screening was conducted to test representative surface paints/coatings on survey area components such as drywall walls, ceramic sinks, wood and metal doors/frames, wall and floor ceramic, etc. for lead-based paints (LBPs) and lead-containing paints (LCPs). Citadel utilized X-Ray Fluorescence Spectrum Analysis (XRF-SA) to test suspect paints and coatings. Assays (tests) were taken from interior and exterior painted/coated surfaces as necessary.

The XRF irradiates the paint on a given surface causing the lead in the paint, if present, to emit a characteristic frequency of x-ray radiation. The intensity of this radiation is measured by the detector and related to the amount of lead in the paint. The type of XRF used in this survey was a Niton XLP-303A X-Ray Fluorescence Spectrum Analyzer. The XRF analyzer provides an in-the-field determination of suspect LBP without the need to collect substantial numbers of paint chip samples for subsequent laboratory analysis.

In order to obtain a reading, the XRF was placed with the face of the instrument flush against the surface to be tested. It was then held in place for the duration of the sample, which was determined by the instrument. At the conclusion of the sample time, the lead concentration was displayed on the device's readout screen. The values, expressed in milligrams per square centimeter (mg/cm<sup>2</sup>), are stored in the device and can be recalled by the inspector upon downloading into computer software. The Niton is sensitive to 0.01 milligrams per square centimeter (mg/cm<sup>2</sup>) of lead.

The instrument, equipped with a sealed radioactive source, was operated by certified personnel in accordance with manufacturer requirements and applicable regulations. The operator calibrated the XRF-SA pursuant to the manufacturer's specifications and regularly verified XRF-SA readings against pre-determined lead samples produced by the National Institute of Standards and Testing (NIST). All of these quality control measures produced a 95% confidence level that the XRF-SA readings accurately reflected the actual level of lead in the tested surfaces.

## **FIELD METHODOLOGIES – POLYCHLORINATED BIPHENYLS (PCBS)/DI (2-ETHYLHEXL) PHTHALATE (DEHP)**

The inspection for polychlorinated biphenyls (PCBs) and di(2-ethylhexyl) phthalate (DEHP) consisted of a visual inspection of the type(s) of equipment found in the survey area that commonly use dielectric fluids. Items such as fluorescent lighting ballasts were visually inspected to determine if: (1) they were "wet" ballasts (contain dielectric fluids) as opposed to magnetic, and (2) if the ballasts were labeled "No PCBs" or "Does Not Contain PCBs." Wet ballasts were assumed to contain PCBs or DEHP unless so labeled. As required by Federal and State law, all ballasts manufactured post-1978 are required to be labeled with the aforementioned language. Please note that sampling of energized equipment was not possible during the survey. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

## FIELD METHODOLOGIES – UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES

The inspection for Universal/Electronic/Radioactive Wastes consisted of visual inspection of the buildings to determine if Universal/Electronic/Radioactive Wastes were present. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

## FIELD METHODOLOGIES – OZONE DEPLETING SUBSTANCES (ODS)

Under Title VI of the Clean Air Act (CAA), US Environmental Protection Agency (USEPA's) Stratospheric Protection Division is responsible for several programs that protect the stratospheric ozone layer. Several types of refrigerants and propellants have been defined as Ozone Depleting Substances (ODS) by the EPA. These include, but are not limited to, Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO<sub>2</sub>), and Ammonia (NH<sub>3</sub>).

Citadel visually inspected the buildings for the following suspect ODS-containing equipment and appliances: refrigerators, freezers, dehumidifiers, window-mounted air-cooling units, and forced-air furnaces with cooling units, as well as propellants in fire suppression equipment. This portion of the survey was not intended to be comprehensive, but rather sought to identify potential hazards that will be encountered during the project.

## 3.0 RESULTS

### ASBESTOS

#### Asbestos Definitions

**Asbestos-Containing Materials (ACM):** The EPA's Asbestos NESHAPs and the South Coast Air Quality Management District (SCAQMD), the local air pollution control district, define an asbestos-containing material as any material that contains a concentration of asbestos of greater than one percent (>1.0%) by area as determined by PLM (Federal Register, Volume 59, No. 146, August 1, 1994, P. 38970-38971). NESHAPs and SCAQMD Rule 1403 further segregate asbestos-containing materials into *Regulated Asbestos-Containing Materials (RACM)*, *Category I Non-Friable Materials*, and *Category II Non-Friable Materials*, which are defined as follows:

- ❖ **Regulated Asbestos-Containing Materials (RACM)/Asbestos-Containing Materials (ACM):** Includes all friable asbestos materials, Category I/Class I Non-friable ACM that have become friable or will become friable, and Category II/Class II Non-friable ACM that have a high probability of being crumbled, pulverized, or reduced to powder by the forces expected to act on the materials in the course of renovation or demolition.
- ❖ **Category I Nonfriable ACM/Class I Nonfriable ACM:** Includes asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products that when dry can be crumbled, pulverized, or reduced to powder by hand pressure in the course of renovation and demolition activities.
- ❖ **Category II Nonfriable ACM/Class II Nonfriable ACM:** Includes all non-friable materials, excluding *Category I/Class I Nonfriable ACM* that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure.

**Asbestos-Containing Construction Materials (ACCM):** The California Department of Occupational Safety and Health (Cal/OSHA) further defines an asbestos-containing construction material (ACCM) as a material that contains greater than one-tenth of one percent (>0.1%) asbestos.

**Presumed Asbestos-Containing Material (PACM)** means thermal system insulation and surfacing material found in buildings, vessels, and vessel sections constructed no later than 1980 that are assumed to contain greater than one percent asbestos but have not been sampled or analyzed to verify or negate the presence of asbestos. PACM is also used in this report to denote suspect asbestos containing materials that were not sampled, but should be assumed to be ACMs.

### Asbestos Results

During the survey, a total of 35 asbestos bulk samples were collected and submitted for analysis. With Laboratory layering a total of 57 samples were analyzed. The bulk samples were submitted to LA Testing in Huntington Beach, California, for analysis by polarized light microscopy (PLM) for asbestos content using EPA 600/R-93/116 Method. The EPA method is a semi-quantitative procedure with a detection limit of one-tenth to one percent (0.10 – 1.0%) by area, dependent upon the material being analyzed. If indicated, select samples were submitted for more objective analysis following EPA 600/R-93/116 Method Point Count procedures (1,000 points). The Point Count procedure is used to increase the amount of sample viewed under PLM so that the results are statistically enhanced, resulting in a generally more accurate analysis.

Table A.1 below summarizes the materials identified and sampled to be **Asbestos Containing Materials (ACM)** (>1.0% asbestos) in the survey area, along with the locations of each material:

**TABLE A.1**

MATERIAL TYPE	HA NO.	SAMPLE LOCATION(S)	APPROX. QUANTITY <sup>1</sup>	RECOMMENDED MANAGEMENT ACTION
<b>CHURCH STRUCTURE (CATHEDRAL)</b>				
Roof Penetration Mastic, Black/Grey A/W Conduit, HVAC, Coping, Hatch and Pipe	RPM1	Flat Roof	20 SF	Utilize: DOSH-Registered Abatement Contractor

Table A.2 below summarizes the materials identified and sampled to be **Asbestos Containing Construction Materials (ACCM)** (> 0.1%, but ≤1.0% asbestos) in the survey area, along with the locations of each material:

**TABLE A.2**

MATERIAL TYPE	HA NO.	SAMPLE LOCATION(S)	APPROX. QUANTITY <sup>2</sup>	RECOMMENDED MANAGEMENT ACTION
<b>CHURCH STRUCTURE (CATHEDRAL)</b>				
None Identified	N/A	N/A	N/A	N/A

<sup>1</sup> All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

<sup>2</sup> All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.



Table A.3 below summarizes the materials that were inaccessible and possibly present or were not sampled and are categorized as **Presumed Asbestos Containing Construction Materials (PACM)**:

**TABLE A.3**

MATERIAL TYPE	HA NO.	LOCATION(S)	APPROX. QUANTITY <sup>3</sup>	RECOMMENDED MANAGEMENT ACTION
<b>CHURCH STRUCTURE (CATHEDRAL)</b>				
None Identified	N/A	N/A	N/A	N/A

Table A.4 below summarizes the materials that were reported by the laboratory to not contain detectable quantities of asbestos **None Detected or ND** or contained less than 0.1% asbestos by the Point Count procedure:

MATERIAL TYPE
Please refer to 2.0 (Appendix D) to view a complete list of asbestos None-Detected Samples.

Table A.4 below summarizes the materials that were **Not Analyzed**:

**TABLE A.4**

MATERIAL TYPE	HA NO.
None Identified	N/A

The drawings with bulk sample locations can be found in Appendix **B**. A detailed summary of bulk samples collected may be found in Appendix **C**, Table 1.0 – *Bulk Sample Results*. Detailed information pertaining to the location of homogeneous asbestos-containing materials is presented in Appendix **D**, Table 2.0 – *Summary by Material*. LA Testing's bulk sample laboratory results may be found in Appendix **E**.

## LEAD-CONTAINING MATERIALS

### Lead Definitions

- ❖ **Lead Containing Paint (LCP)** - A lead-containing paint is a paint or coating that contains any detectable concentration of lead.
- ❖ **Lead Based Paint (LBP)** - The California Department of Public Health (CDPH) and the US Department of Housing and Urban Development (HUD) define Lead-Based Paint (LBP) as paint containing lead greater than or equal to 1.0 milligram per square centimeter ( $\geq$ mg/cm<sup>2</sup>) or greater than or equal to 0.5% by weight also expressed as 5,000 parts per million ( $\geq$ 5,000 ppm). Furthermore, the California Department of Health and Human Services, Health & Safety Code, Chapter 11 defines lead-bearing substances as any paint, varnish, lacquer or similar coating containing lead  $>0.7$  mg/cm<sup>2</sup>. For the purposes of this report, XRF-SA readings  $\geq 0.7$  mg/cm<sup>2</sup> are considered LBP.
- ❖ **Lead Containing Material (LCM)** - A lead-containing material may consist of identified lead-containing paint (LCP), lead-based paint (LBP), or other materials such as lead sheeting, ceramic tile glazing, etc., or presumed LCMS.

<sup>3</sup> All quantities (SF/LF/EA) provided by Citadel are estimates. Contractors are responsible for field verifying actual quantities of materials.

- ❖ **Presumed Lead-Based Paint (PLBP)** - Title 17, California Code of Regulations, Division 1, Chapter 8 defines as paint or surface coating affixed to a component in or on a structure constructed prior to January 1, 1978 as a presumed lead-based paint unless it has been tested and found to contain an amount of lead less than one milligram per square centimeter 1.0 mg/cm<sup>2</sup> (<1.0 mg/cm<sup>2</sup>) or less than 0.5% (< 0.5%) by weight.

A total of 52 assays (tests) (excluding “Null” and “Calibration Readings”), using the XRF-SA, were conducted during the survey. Of the 52 assays collected, 3 were found to contain LBP (i.e., ≥0.7 mg/cm<sup>2</sup>).

XRF-SA results may be found in Appendix **F**, Table 3.0 – XRF-SA Results; Appendix **G**, Table 3.1 – Lead-Based Paint (LBP) XRF-SA results; and Appendix **H**, Table 3.2 – Lead-Containing Paint (LCP) results (i.e., ≥0.01 mg/cm<sup>2</sup> and <0.7 mg/cm<sup>2</sup>).

Table B.1 below summarizes the materials identified and sampled to be **Lead-Based Paints (LBP)** (detectable quantities of lead in concentrations of ≥5,000 ppm or ≥1.0 mg/cm<sup>2</sup>) in the survey area:

**TABLE B.1**

COMPONENT	SUBSTRATE	COLOR(S)	APPROX. QUANTITY	SAMPLE LOCATION(S)
<b>CHURCH STRUCTURE (CATHEDRAL)</b>				
Door Frame(s)	Wood	White	24 LF	1 <sup>st</sup> Floor, Cathedral
Door	Wood	White	Double Door(s)	1 <sup>st</sup> Floor, Cathedral

Similar materials present elsewhere within each structure should be assumed to be LBP unless specifically tested.

See Appendix **G** – Table 3.1 for complete list of LBP materials.

See Appendix **H** – Table 3.2 for a summary of materials identified and sampled to be **Lead-Containing Paints (LCP)** (detectable quantities of lead in concentrations of <5,000 ppm or <0.7 mg/cm<sup>2</sup>).

**POLYCHLORINATED BIPHENYLS (PCBS)/DI (2-ETHYLHEXL) PHTHALATE (DEHP)**

Fluorescent light ballasts with wet (liquid) capacitors utilize dielectric fluids that may contain PCBs or DEHP dielectric fluids.

PCBs are regulated under 40 CFR Part 761 as part of the Toxic Substances Control Act (TSCA). The PCB regulations and requirements apply to both PCB waste materials and PCBs still in use. States and the Federal Government regulate the use, storage, and disposal of equipment containing PCBs, depending upon the concentrations of PCBs present.

DEHP is regulated under the Resource Conservation and Recovery Act (RCRA), "Superfund", Superfund Amendments, Clean Water Act, Safe Drinking Water Act, OSHA, and by the Food and Drug Administration.

## PCB and DEHP Definitions

Environmental Protection Agency: 40 CFR Part 761 Polychlorinated Biphenyls (PCBs) Manufacturing, Processing, Distribution in Commerce, and Use Prohibitions has established the following threshold limits for liquid and non-liquid materials containing PCBs:

- ❖ **PCB-Contaminated Electrical Equipment** is defined as a liquid material (homogenous flowable material containing no more than 0.5% by weight non-dissolved material) that contains concentrations of PCBs at  $\geq 50$  ppm and  $< 500$  ppm, or where insufficient liquid is available for analysis, a non-porous surface having a PCB concentration of  $> 10$   $\mu\text{g}/100$   $\text{cm}^2$  but  $< 100$   $\mu\text{g}/100$   $\text{cm}^2$  as measured by a standard wipe test. Electrical Equipment includes, but is not limited to, transformers, capacitors, circuit breakers, re-closers, voltage regulators, switches, electromagnets, and cable.
- ❖ **PCB-Contaminated** is defined as a non-liquid material (does not flow at room temperature of 25 °C or 77 °F) that contains concentrations of PCBs at  $\geq 50$  PPM but  $< 500$  PPM; a liquid material that contains concentrations of PCBs at  $\geq 50$  ppm but  $< 500$  ppm, or where insufficient liquid is available for analysis, a non-porous surface having a PCB concentration of  $> 10$   $\mu\text{g}/100$   $\text{cm}^2$  but  $< 100$   $\mu\text{g}/100$   $\text{cm}^2$  as measured by a standard wipe test.
- ❖ **PCB Capacitor** is defined as any capacitor that contains concentrations of PCBs at  $> 500$  ppm.
- ❖ **PCB Transformer** is defined as any transformer that contains concentrations of PCBs  $< 500$  ppm.
- ❖ **PCB Bulk Product Waste** is defined as waste derived from manufactured products containing PCBs in a non-liquid state, at any concentration where at the time of designation for disposal the concentration of PCBs was  $\geq 50$  ppm. Fluorescent light ballasts with labels that do not contain the words “No PCBs” or “Does Not Contain PCBs” are considered a PCB Bulk Product Waste.
- ❖ **Di(2-ethylhexyl) phthalate** is a colorless, odorless, toxic liquid used in dielectric fluids from 1979 to 1991.

State of California-Department of Toxic Substances Control (DTSC): The DTSC enforces Title 22 of the California Code of Regulation, Chapter 11, Article 3, § 66261.20-24 which has established the following threshold limits for PCBs in solid waste material:

- ❖ Total Threshold Limit Concentration (TTL) of  $\geq 50$  ppm.
- ❖ Soluble Threshold Limit Concentration (STLC) of  $\geq 5$  mg/L.

Table C.1 below summarizes the **PCB** and **DEHP** containing equipment that may exist in the survey area:

**TABLE C.1**

MATERIAL TYPE	QUANTITY
<b>CHURCH CATHEDRAL</b>	
Light Fixture Ballasts	6

## UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES

### Universal Wastes

The *Universal Waste Rule* found in the California Code of Regulations (CCR), Title 22, division 4.5, Chapter 23, regulates the disposal of the following items such as:

- ❖ Mercury thermostats (ampoules);
- ❖ Batteries, including rechargeable nickel-cadmium batteries, silver button batteries, mercury batteries, small sealed lead acid batteries (burglar alarm and emergency light batteries), most alkaline batteries, carbon zinc batteries, and any other batteries that exhibit a characteristic of a hazardous waste (§66261.20 through §66261.24);
- ❖ Lamps, including fluorescent tubes, high intensity discharge lamps, sodium vapor lamps, and any other lamps that exhibit a characteristic of a hazardous waste;
- ❖ Non-empty aerosol cans;
- ❖ Mercury switches, including thermostats and tip switches in portable heaters, washing machine out-of-balance switches, silent wall switches, and other mercury-containing switches and products containing them;
- ❖ Mercury thermometers;
- ❖ Mercury pressure or vacuum gauges, including U tube manometers, barometers, and sphygmomanometers (blood pressure meters.);
- ❖ Medical devices containing mercury including, dilators and weighted tubing;
- ❖ Mercury-containing rubber flooring, including older gymnasium floors that were poured in place to form indoor tracks and gymnastic areas;
- ❖ Mercury gas flow regulators managed exclusively by natural gas utilities;
- ❖ Counterweights and dampers, including devices that use pouches of high density mercury to dampen shaking on hunting bows and snow skis or to absorb recoil on shotguns;
- ❖ Consumer electronic devices, including cell phones, game consoles, and computers; and
- ❖ Mercury gauges, including vacuum and pressure gauges, including blood pressure gauges, barometers, and manometers.

### Electronic Wastes

The Department of Toxic Substances Control (DTSC) regulates electronic waste. As part of its implementation of the Electronic Waste Recycling Act, DTSC has tested certain types of electronic devices to determine which would be hazardous waste when discarded. Currently, any of the following devices manufactured before 2006 are considered hazardous wastes:

- ❖ Cathode Ray Tube (CRT) devices (including televisions and computer monitors);
- ❖ LCD Desktop Monitors;
- ❖ Laptop Computers with LCD Displays;
- ❖ LCD Televisions;
- ❖ Plasma Televisions; and
- ❖ Portable DVD Players with LCD Screens (added December 31, 2006).

### Radioactive Wastes

Various fire/life safety devices used in residential, industrial, and commercial buildings utilize low energy radioactive sources such as Americium-241 and Tritium. Common applications are ionization smoke detectors and self-luminous exit signage.

While low-energy radioactive devices pose little or no threat to public health, they are subject to certain reporting, handling, and transfer requirements including proper disposal of unwanted or unused signs as specified by the general licensing agreements of the United States Nuclear Regulatory Commission.

Under the licensing agreement, a general licensee must properly dispose of such products, report to the NRC any lost, stolen, or broken devices, and transfer unwanted devices to a specific licensee such as a manufacturer, distributor, licensed radioactive broker, or a low-level radioactive waste disposal facility. Radioactive sources may not be disposed of as architectural/construction waste.

Table D.1 below summarizes **universal/electronic/radioactive** wastes assumed to be present in the survey area:

**TABLE D.1**

MATERIAL TYPE	QUANTITY
<b>CHURCH CATHEDRAL</b>	
Light Bulbs	104
Thermostats	5
Exit Signs	2
Emergency Lighting	2
Smoke Detectors	2
Fluorescent Light Tubes	6
Electric Breaker	8

## **OZONE DEPLETING SUBSTANCES (ODS)**

### **Ozone Depleting Substances Definitions**

A chlorofluorocarbon (CFC) is an organic compound that contains carbon, chlorine, and fluorine, produced as a volatile derivative of methane and ethane. A common subclass is the hydrochlorofluorocarbons (HCFCs), which contain hydrogen, as well. They are also commonly known by the DuPont trade name Freon. The most common representative is dichlorodifluoromethane (R-12 or Freon-12). Many CFCs have been widely used as refrigerants, propellants (in aerosol applications), and solvents. The compounds are suspected of contributing to ozone depletion.

Under Title VI of the Clean Air Act (CAA), US Environmental Protection Agency (USEPA's) Stratospheric Protection Division is responsible for several programs that protect the stratospheric ozone layer. Several types of refrigerants and propellants have been defined as Ozone Depleting Substances (ODS) by the EPA. These include, but are not limited to, Chlorofluorocarbons (CFCs) and Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO<sub>2</sub>), and Ammonia (NH<sub>3</sub>).

Table E.1 below summarizes the **ozone depleting substances** assumed to be present in the survey area:

**TABLE E.1**

MATERIAL TYPE	QUANTITY
<b>CHURCH CATHEDRAL</b>	
HVAC	1
Condenser	3
Fire Alarm	1
Fire Extinguisher	2

## **4.0 CONCLUSIONS AND RECOMMENDATIONS**

### **ASBESTOS**

The results of the survey indicate that ACMs are present in the area(s) surveyed.

Citadel's scope of work and testing of representative areas was limited to accessible building materials specifically identified as being impacted by the proposed work to be performed. Areas outside of the specific areas identified in this scope of work were not included as part of this investigation.

Additional suspect materials and/or debris may be present in concealed or hidden spaces including, but not limited to within wall cavities, and beneath floor coverings, but will only be accessible during the course of deconstruction, reassembly, rehabilitation and limited alteration activities. Care should be exercised when accessing these areas. If suspect ACM's and/or ACCMs are identified in these areas that have not been previously tested, these materials are required to be sampled prior to disturbance.

All asbestos removal operations shall be performed by a Cal/OSHA-DOSH-registered and California-licensed asbestos contractor. All disturbances of asbestos-containing materials, and/or abatement operations, should be performed under the surveillance of a third-party Cal/OSHA Certified Asbestos Consultant retained by the Client.

All disturbances of asbestos-containing materials, and/or abatement operations, must be performed in accordance with the Cal/OSHA requirements set forth in 8 CCR 1529. Given the location of the subject facility, all asbestos abatement must also be performed in accordance with South Coast Air Quality Management District (SCAQMD) requirements set forth in Rule 1403. Finally, notification of the presence and location of asbestos-containing materials shall be made to all employees and vendors who work within the subject structure, in accordance with California Health and Safety Code, Section 25915, et seq. (also known as Connolley Notification Bills).

Citadel recommends that all undamaged ACMs, ACCMs, and PACMs not to be disturbed as part of this project and scheduled to remain in place in accordance with the EPA's guidance document Managing Asbestos In-Place (a.k.a., the Green Book). The Green Book can be obtained by calling the Toxic Substance Control Act Hotline at (202) 554-1404. Citadel also recommends that the materials be managed in place in accordance with the Client's Operations and Maintenance (O & M program) addressing building cleaning, maintenance, renovation, and general operation procedures to minimize exposure to asbestos.

## LEAD-CONTAINING MATERIALS

### Lead-Containing Materials/Lead-Based Paints (LCM/LBP)

This survey revealed that building components coated with LCM/LBP are present within the survey area.

At present there is no explicit state or federal regulations requiring mandatory lead removal prior to disturbance or demolition of structures with identified lead materials. However, there are applicable Cal/OSHA worker protection and training requirements, Cal/EPA waste disposal requirements, CDPH requirements for public and residential buildings, and SB 460 lead hazard regulations that apply to lead-related construction activities and their associated wastes.

The following is a brief discussion and summary of applicable regulatory requirements:

- ❖ **Cal/OSHA:** 8 CCR 1532.1 governs occupational exposure to lead. This regulation requires that prior to initiation of certain activities, referred to as “trigger tasks”, workers must be trained, medically evaluated, and properly fitted with respiratory protection, and protective clothing until statistically reliable personal eight-hour Time Weighted Average (TWA) results indicate lead exposure levels below the Personal Exposure Limit (PEL) for each unique task which disturbs lead-based and lead-containing coatings. This process is known as a Negative Exposure Assessment (NEA). If the result of the exposure assessment is above the Action Level (AL), additional monitoring is required, and if the result is above the PEL, additional exposure monitoring, worker protection (including respirator protection and PPE), training and medical requirements apply. At a minimum, contractors performing any lead in construction work shall have a hand washing station and HEPA vacuum present on the job site.
- ❖ “Trigger tasks” are tasks that are assumed to exceed the PEL pending an exposure assessment and encompass the majority of construction activities that disturb surface coatings. Examples of “trigger tasks” range from manual paint scraping as a lower expected exposure up to hot work and abrasive blasting as the highest expected exposures, and include any non-listed task that the employer determines may potentially expose employees to lead levels above the AL.

NOTE: “OSHA does not consider any method that relies solely on the analysis of bulk materials or surface content of lead (or other toxic material) to be acceptable for safely predicting employee exposure to airborne contaminants. Without air monitoring results or without the benefit of historical or objective data (including air sampling, which clearly demonstrates that the employee cannot be exposed above the AL during any process, operation, or activity) the analysis of bulk or surface samples cannot be used to determine employee exposure.” OSHA Standard Interpretation dated 5/8/2000.

Furthermore, Cal/OSHA states that these rules apply to “any detectable concentration of lead”, without a specified detection level. Due to the Consumer Product Safety Commission currently allowing paint to contain up to 600 parts per million (ppm) of lead for residential consumption and no limits for industrial or commercial coatings, the variation of lead content due to aging and weathering, and the variation of detection limits associated with both paint chip and XRF analysis, all coated surfaces should be treated as potentially containing lead, unless bulk sample analysis indicates that no lead was detected. Positive analytical results can be utilized to indicate that detectable lead is present, but negative XRF results cannot be interpreted as conclusively demonstrating the absence of lead.

Analytical data can be helpful in evaluation of lead-related environmental risks in general but cannot be used to calculate worker exposures and are not a substitute for employee exposure



monitoring. As a result of the above, any employee that works around potential lead-based or lead-containing coatings should have hazard communication training (lead awareness) training and personal exposure air monitoring if they will potentially disturb such coatings. Significant additional certification, notification, and work practices are required for materials found to be “lead-based” or where the operation or process involved results in airborne lead exposures exceeding the PEL.

- ❖ Any welding, cutting, or heating of metal surfaces containing surface coatings should be conducted in accordance with 29 CFR 1926.354 and 8 CCR 1537. These regulations require surfaces covered with toxic preservatives, and in enclosed areas, be stripped of all toxic coatings for a distance of at least 4 inches, in all directions, from the area of heat application prior to the initiation of such heat application. There are some provisions for conducting hot work on coated surfaces, but only with required respiratory protection such as properly selected supplied air respirators.
- ❖ **Cal/EPA** through the Division of Toxic Substance Control (DTSC) regulates disposal of lead hazardous waste (22 CCR Division 4.5, Minimum Standards for Management of Hazardous and Extremely Hazardous Wastes). It is the responsibility of the waste generator to evaluate all waste streams produced and ensure that any resulting wastes that may be hazardous under California and Federal RCRA standards for lead be properly handled, packaged and transported under proper manifest to a permitted hazardous waste storage, treatment and disposal facility.
- ❖ **CDPH:** The Department of Public Health (DPH) has specific requirements (Title 17 Sections 35001 thru 36100) for hazard assessment and work involving lead-based paint (LBP) hazards in public or residential structures. These regulations require special certifications, work practices, and notifications for such activities.
- ❖ **Senate Bill 460 (SB 460):** An act to amend Section 1941.1 of the Civil Code, and to amend Sections 17961, 17980, and 124130 of, and to add Sections 17920.10, 105251, 105252, 105253, 105254, 105255, 105256, and 105257 to, the Health and Safety Code, relating to lead abatement. This bill allows for fines and criminal penalties to be levied on any person who is found to have performed lead abatement without containment or created a measurable lead hazard based upon current CDPH standards. The testing for this determination can be initiated by any local official. A determination of a lead hazard is not solely based upon the lead content of the paint or coating and can be the result of the disturbance of such materials with low concentrations of lead.
- ❖ **EPA Lead Renovation, Repair, and Paint Rule (40 CFR, Part 745):** Beginning in April 2010, contractors performing renovation, repair and painting projects that disturb lead-based paint in homes, child care facilities, and schools built before 1978 must be certified and must follow specific work practices to prevent lead contamination.

## **POLYCHLORINATED BIPHENYLS (PCBS)/DI (2-ETHYLHEXL) PHTHALATE (DEHP)**

Field observation by Citadel indicated that fluorescent light fixture ballasts are present throughout the buildings.

Typically during deconstruction, reassembly, rehabilitation and limited alteration, the contractor will dismantle the fluorescent light fixtures by removing the tubes and then the ballasts and package them for recycling and disposal, regardless of the ballast labeling. The recommended disposal method for ballasts is recycle/incineration whereby the PCB and DEHP capacitors and asphalt potting material are removed and incinerated, and the metal carcasses are cleaned and sent to a metal recycler.



## **UNIVERSAL/ELECTRONIC/RADIOACTIVE WASTES**

Citadel visually identified universal/electronic/radioactive wastes present throughout the survey area.

In accordance with regulatory requirements, Universal/Electronic/Radioactive Wastes should be removed prior to deconstruction, reassembly, rehabilitation and limited alteration activities and set aside for re-use or disposal/recycling by a licensed recycler or specific licensee.

Citadel recommends either re-using the light tubes, lamps, or monitors, or utilizing a licensed recycler to process the Universal/Electronic Wastes removed from the building. Recycling facilities must be authorized by the California Environmental Protection Agency – Department of Toxic Substances Control (DTSC) or the state in which they are located.

Bill(s) of lading should accompany each load of waste that leaves the site, including the name and address of the Generator, Contractor, pick-up site, disposal site, and quantity of universal waste disposed. The recycler should provide a statement certifying recycling/disposal/destruction of the identified wastes, including the date(s) of recycling/disposal/destruction, and identifying the disposal/destruction process used. In the case of Tritium-containing exit devices, the general licensee must file a report with the NRC.

## **OZONE DEPLETING SUBSTANCES**

Citadel visually identified Ozone Depleting Substances throughout the survey area. Chlorofluorocarbons (CFCs), Hydrochlorofluorocarbons (HCFC), as well as Halon, Sulfur Dioxide (SO<sub>2</sub>), and/or Ammonia (NH<sub>3</sub>) should be extracted from the fire extinguishers, freezers, HVAC units, and other ODS-containing equipment by a trained technician for recovery or recycling prior to demolition.

## **5.0 SURVEY LIMITATIONS**

The survey and bulk sampling was limited to representative locations of the church structure (cathedral) building that was explicitly defined by the Client to be surveyed. Intrusive and destructive sampling was conducted as part of the scope of services performed. Additional suspect materials and/or debris may be present in concealed or hidden spaces including, but not limited to within wall cavities, and beneath floor coverings, but will only be accessible during the course of demolition activities. Care should be exercised when accessing these areas. Any suspect environmentally-regulated materials (ERMs) encountered during the course of deconstruction, reassembly, rehabilitation and limited alteration activities that were not previously sampled, including ERMs not specifically addressed herein, should be *presumed* to be ACMs/ACCMs and LCMs until sampled and proven otherwise. The areas that were accessible should be representative of the types, quantities, and conditions of the materials present at the site.

Quantities presented in this report are for informational purposes only and should not be the sole basis for an estimate for abatement. Contractors should verify and conduct their own takeoffs for their purposes.

This report has been prepared by Citadel EHS exclusively for our Client and their Authorized Representatives. The information contained herein pertains only to accessible materials identified at the referenced property at the time of the survey performed in accordance with a mutually

agreed upon scope of work. The findings and recommendations presented are based upon observations of present conditions, and may not necessarily indicate future conditions. Citadel EHS implies no warranty to the accuracy of information provided them by outside agents and transmitted herein. The information contained herein may not be used, disclosed, or copied without written permission of the Client.

This survey report is not intended to be a stand-alone design document for the solicitation of bids. This survey report should only be used for developing the scope of work, bid/contract document, and as a reference document.

## **6.0 DISCLAIMER**

The services performed by Citadel Environmental Services, Inc. ("Citadel"), d.b.a. Citadel EHS, in connection with this Report were performed in accordance with generally and currently accepted engineering practices and principles; provided, however, Citadel completed such services as directed by the Client and the recommendations described in this Report are therefore limited in purpose and scope. The procedures and methodologies used by Citadel in its performance of services, and the recommendations contained herein, are not intended to meet the requirements under any specific laws or regulatory guidelines unless expressly set forth in the Proposal.

The recommendations and conclusions set forth in this Report are based on information and data available to Citadel during the course of its performance of the services. Citadel relied on the information and data provided by or on behalf of Client, including, if applicable, historical and present operations, conditions and test data, and Citadel assumed all such information and data was correct and complete. Citadel shall not be liable for any damages or losses resulting from inaccuracies of, or omissions from, information or data provided by or on behalf of the Client, any interested third-parties, or any federal, state, county, or local governmental authority, or otherwise available in the public domain.

The information contained in this Report and conclusions resulting therefrom are based solely on information available to Citadel at the time of its performance of services, and from observations and perceived conditions and materials existing on the date of Citadel's limited survey of the site, if applicable. Citadel disclaims any inaccuracy in the Report as a result of any part or parcel of property to which Citadel was not provided access, or which was concealed, including, but not limited to, wall cavities/chases, ceiling plenums, below floor finishes, crawlspaces, below grade, beneath existing structures, or behind electrical panels.

The findings and recommendations presented in this Report are based upon observations of present conditions and may not necessarily indicate future conditions. No conclusions should be construed or inferred other than those expressly stated in this Report. EXCEPT FOR ANY WARRANTIES EXPRESSLY SET FORTH IN THE PROPOSAL OR OTHER WRITTEN AGREEMENT BETWEEN CITADEL AND CLIENT, CITADEL MAKES NO WARRANTIES HEREUNDER WITH RESPECT TO ANY INFORMATION CONTAINED IN THIS REPORT, EXPRESS OR IMPLIED, AND CITADEL HEREBY DISCLAIMS ALL OTHER WARRANTIES.

All testing and remediation methods have reliability limitations and no method nor number of sampling locations can guarantee that a hazard will be discovered if contamination or other evidence of the hazard is not encountered within the performance of the services as authorized. Reliability of testing or remediation varies according to the sampling frequency and other service variables that were selected by Client. Citadel shall not be at fault or liable for any such limitations.

The information and opinions rendered in this report are exclusively for use and reliance by the Client. The information contained herein may not be used, disclosed, or copied without written permission of the Client and may not be relied upon without the written permission of Citadel.

## **7.0 SIGNATURES**

Services performed by:

*[See field documentation for signatures]*

Joshua Hoover  
Certified California Site Surveillance Technician (14-5288)  
CDPH Lead-Related Construction Sampling Technician (No. LRC-00002189)

Report Prepared by:

*Jeffrey Klein*

Jeffrey Klein, CAC, CDPH  
Associate Principal, Building Sciences  
Certified California Asbestos Consultant (No. 07-4240)  
CDPH Lead-Related Construction Project Monitor/Inspector Assessor (No. LRC-0501/0502)

Report Reviewed by:

*Michael K. Roy*

Michael K. Roy, WELL AP, CAC, CDPH  
Associate Principal, Building Sciences  
Certified California Asbestos Consultant (No. 07-4240)  
CDPH Lead-Related Construction Inspector/Assessor (No. LRC-01377)

# Appendix A

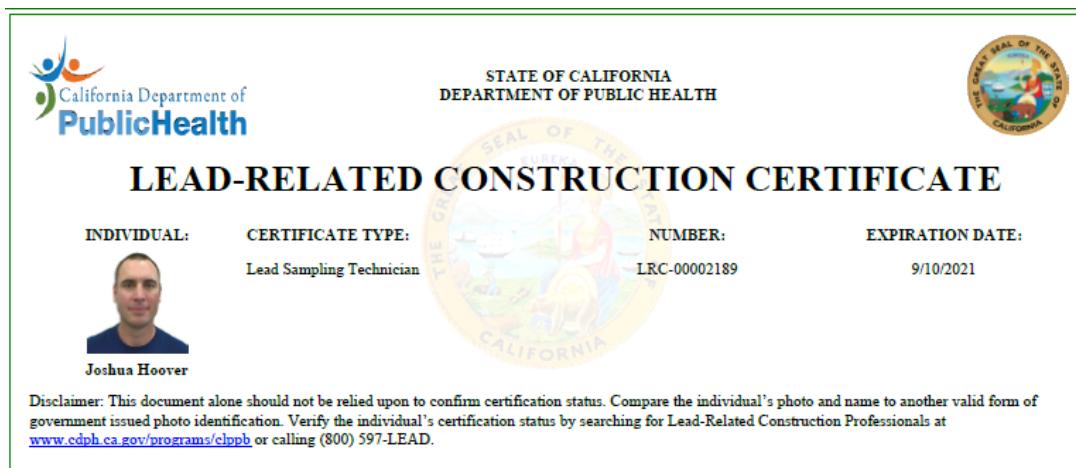
## Project Team Certifications

## CERTIFICATIONS

<b>INSPECTOR</b>	Joshua E Hoover
<b>CERTIFICATION</b>	Certified Site Surveillance Technician
<b>CERTIFIED BY</b>	State of California Division of Occupational Safety and Health
<b>CERTIFICATION NUMBER</b>	14-5288
<b>EXPIRATION DATE</b>	09/10/21



<b>INSPECTOR</b>	Joshua E Hoover
<b>CERTIFICATION</b>	Lead-Related Sampling Technician
<b>CERTIFIED BY</b>	State of California Department of Public Health
<b>CERTIFICATION NUMBER</b>	LRC-00002189
<b>EXPIRATION DATE</b>	09/10/21

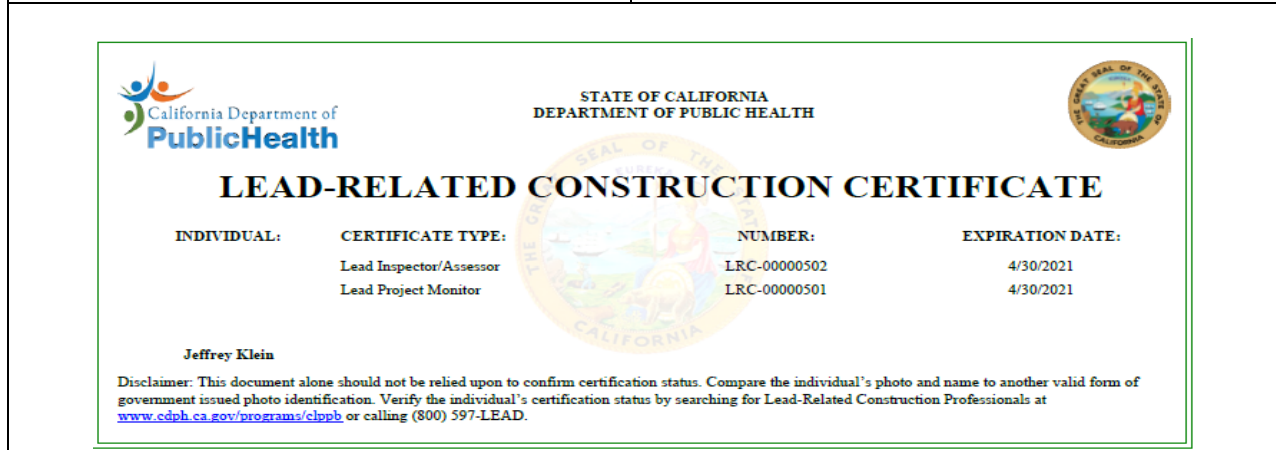


## CERTIFICATIONS

<b>INSPECTOR</b>	Jeffrey D. Klein
<b>CERTIFICATION</b>	Certified Asbestos Consultant
<b>CERTIFIED BY</b>	State of California Division of Occupational Safety and Health
<b>CERTIFICATION NUMBER</b>	07-4240
<b>EXPIRATION DATE</b>	07/19/21



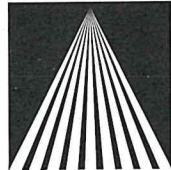
<b>INSPECTOR</b>	Jeffrey D. Klein
<b>CERTIFICATION/CERTIFICATION NUMBER</b>	Lead-Related Inspector/Assessor / LRC-00000502
<b>CERTIFICATION/CERTIFICATION NUMBER</b>	Lead-Related Project Monitor / LRC-00000501
<b>CERTIFIED BY</b>	State of California Department of Public Health
<b>CERTIFICATION NUMBER</b>	9799
<b>EXPIRATION DATE</b>	04/30/21



# **Appendix B**

## **Drawings with Bulk Sample Locations**





CITADEL ENVIRONMENTAL SERVICES, INC.

Client: WRSSR

Project #: 1097.1003.0

Project Title: OUR LADY OF MT. LEBANON

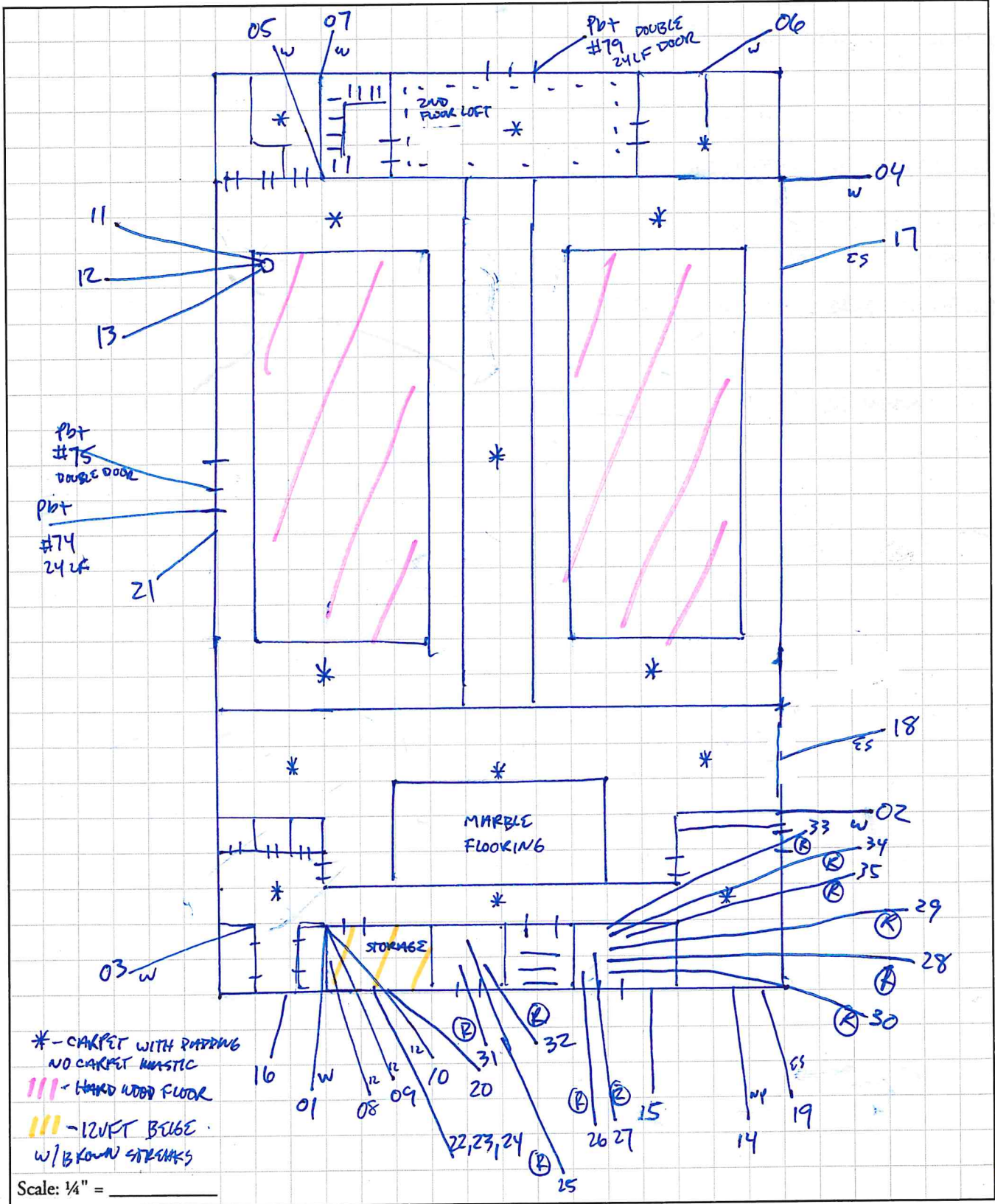
Floor: 1, 2, ROOF

Inspector: JOSE HOOVER

Date: 11/20/20

Drawing Title: CHAPEL SAMPLE LOCATIONS

Street Address: 333 S. SAN VICENTE BLVD LA CA 90048



Legend:

Sheet No. \_\_\_\_\_ of \_\_\_\_\_

BACK



# Appendix C

## Table 1.0 - Bulk Sample Results

TABLE 1.0 BULK SAMPLE RESULTS  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VINCENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

HA NUMBER	SAMPLE NUMBER / LAYER ANALYZED	MATERIAL DESCRIPTION	SAMPLE AREA/MATERIAL LOCATION	COLLECTED DATE	TEST	CLASSIFICATION	ASBESTOS CONTENT (%)	ASBESTOS TYPE
WS/J1	01-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
WS/J1	01-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
WS/J1	02-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NW closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	02-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NW closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	03-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	03-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	04-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - chapel SW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	04-Plaster	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - chapel SW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	06-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SW entry rm	11/20/2020	PLM	Non-ACM	ND	
WS/J1	06-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SW entry rm	11/20/2020	PLM	Non-ACM	ND	
WS/J1	07-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - S. stairs	11/20/2020	PLM	Non-ACM	ND	
WS/J1	07-Plaster	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - S. stairs	11/20/2020	PLM	Non-ACM	ND	
12VFT1	08-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	08-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	09-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	09-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	10-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	10-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	11-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	11-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	12-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	12-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	13-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	13-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
WP1	14	Window putty - white	Chapel bldg - 1F - exterior NW	11/20/2020	PLM	Non-ACM	ND	
WP1	15	Window putty - white	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	

TABLE 1.0 BULK SAMPLE RESULTS  
ENVIRONMENTALLY-REGULATED SURVEY REPORT  
OUR LADY OF MOUNT LEBANON  
333 S SAN VINCENTE BOULEVARD  
LOS ANGELES, CALIFORNIA 90048

HA NUMBER	SAMPLE NUMBER / LAYER ANALYZED	MATERIAL DESCRIPTION	SAMPLE AREA/MATERIAL LOCATION	COLLECTED DATE	TEST	CLASSIFICATION	ASBESTOS CONTENT (%)	ASBESTOS TYPE
WP1	16	Window putty - white	Chapel bldg - 1F - exterior NE	11/20/2020	PLM	Non-ACM	ND	
ES1	17-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior SW	11/20/2020	PLM	Non-ACM	ND	
ES1	17-Base Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior SW	11/20/2020	PLM	Non-ACM	ND	
ES1	18-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior W	11/20/2020	PLM	Non-ACM	ND	
ES1	19-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior NW	11/20/2020	PLM	Non-ACM	ND	
ES1	20-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
ES1	20-Base Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
ES1	21-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior East	11/20/2020	PLM	Non-ACM	ND	
MISC2	22	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
MISC2	23	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
MISC2	24	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	27-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	27-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	27-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RPM1	28	Penetration mastic A/W conduit 1" - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
<b>RPM1</b>	<b>29</b>	<b>Penetration mastic A/W HVAC - black/gray</b>	<b>Chapel bldg - roof - NW</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
RPM1	30	Penetration mastic A/W coping - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
<b>RPM1</b>	<b>31</b>	<b>Penetration mastic A/W hatch - black/gray</b>	<b>Chapel bldg - roof - NE</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
<b>RPM1</b>	<b>32</b>	<b>Penetration mastic A/W pipe - black/gray</b>	<b>Chapel bldg - roof - NW</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
HVT1	33	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
HVT1	34	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
HVT1	35	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	

# **Appendix D**

## **Table 2.0 - Summary by Material**

TABLE 2.0 - SUMMARY BY MATERIAL  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VINCENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

HA NUMBER	SAMPLE NUMBER / LAYER ANALYZED	MATERIAL DESCRIPTION	SAMPLE AREA/MATERIAL LOCATION	COLLECTED DATE	TEST	CLASSIFICATION	ASBESTOS CONTENT (%)	ASBESTOS TYPE
12VFT1	08-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	08-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	09-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	09-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	10-Vinyl Floor Tile	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
12VFT1	10-Mastic	W/ brown streaks + yellow mastic - beige	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
ES1	17-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior SW	11/20/2020	PLM	Non-ACM	ND	
ES1	17-Base Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior SW	11/20/2020	PLM	Non-ACM	ND	
ES1	18-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior W	11/20/2020	PLM	Non-ACM	ND	
ES1	19-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior NW	11/20/2020	PLM	Non-ACM	ND	
ES1	20-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
ES1	20-Base Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
ES1	21-Finish Coat	Exterior stucco base + finish coat - tan	Chapel bldg - 1F - exterior East	11/20/2020	PLM	Non-ACM	ND	
HVT1	33	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
HVT1	34	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
HVT1	35	HVAC duct seam mastic - gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
MISC1	11-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	11-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	12-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	12-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	13-Vapor Barrier	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC1	13-Mastic	Barrier paper + mastic below wood flooring - black	Chapel bldg - 1F - chapel SE	11/20/2020	PLM	Non-ACM	ND	
MISC2	22	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
MISC2	23	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
MISC2	24	Moisture barrier paper A/W ESI - black	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	25-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NE	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	26-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	27-Roofing	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RFM1	27-Felt	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	

TABLE 2.0 - SUMMARY BY MATERIAL  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VINCENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

HA NUMBER	SAMPLE NUMBER / LAYER ANALYZED	MATERIAL DESCRIPTION	SAMPLE AREA/MATERIAL LOCATION	COLLECTED DATE	TEST	CLASSIFICATION	ASBESTOS CONTENT (%)	ASBESTOS TYPE
RFM1	27-Tar	Roll on roof w/ gravel + felt paper + tar - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
RPM1	28	Penetration mastic A/W conduit 1" - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
<b>RPM1</b>	<b>29</b>	<b>Penetration mastic A/W HVAC - black/gray</b>	<b>Chapel bldg - roof - NW</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
RPM1	30	Penetration mastic A/W coping - black/gray	Chapel bldg - roof - NW	11/20/2020	PLM	Non-ACM	ND	
<b>RPM1</b>	<b>31</b>	<b>Penetration mastic A/W hatch - black/gray</b>	<b>Chapel bldg - roof - NE</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
<b>RPM1</b>	<b>32</b>	<b>Penetration mastic A/W pipe - black/gray</b>	<b>Chapel bldg - roof - NW</b>	<b>11/20/2020</b>	<b>PLM</b>	<b>ACM</b>	<b>3.0</b>	<b>Chrysotile</b>
WP1	14	Window putty - white	Chapel bldg - 1F - exterior NW	11/20/2020	PLM	Non-ACM	ND	
WP1	15	Window putty - white	Chapel bldg - 1F - exterior N	11/20/2020	PLM	Non-ACM	ND	
WP1	16	Window putty - white	Chapel bldg - 1F - exterior NE	11/20/2020	PLM	Non-ACM	ND	
WS/J1	01-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
WS/J1	01-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE storage SE	11/20/2020	PLM	Non-ACM	ND	
WS/J1	02-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NW closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	02-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NW closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	03-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	03-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - NE closet	11/20/2020	PLM	Non-ACM	ND	
WS/J1	04-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - chapel SW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	04-Plaster	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - chapel SW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Joint Compound	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	05-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SE storage NW	11/20/2020	PLM	Non-ACM	ND	
WS/J1	06-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SW entry rm	11/20/2020	PLM	Non-ACM	ND	
WS/J1	06-Drywall	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - SW entry rm	11/20/2020	PLM	Non-ACM	ND	
WS/J1	07-Skim Coat	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - S. stairs	11/20/2020	PLM	Non-ACM	ND	
WS/J1	07-Plaster	Drywall w/ texture coat + joint compound - white	Chapel bldg - 1F - S. stairs	11/20/2020	PLM	Non-ACM	ND	

# Appendix E

## Asbestos Laboratory Results



# LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / [gardengrovelab@latestesting.com](mailto:gardengrovelab@latestesting.com)

LA Testing Order: 332020944

Customer ID: 32CITA50F

Customer PO: 1097.1003.0

Project ID: JS

**Attention:** Jeff Klein  
Citadel Environmental Services, Inc.  
2525 Cherry Avenue, Suite 105  
Signal Hill, CA 90755

**Phone:** (818) 246-2707

**Fax:** (818) 246-3145

**Received Date:** 11/20/2020 3:40 PM

**Analysis Date:** 11/24/2020 - 11/25/2020

**Collected Date:** 11/20/2020

**Project:** 1097.1003.0 / Our Lady of Mt. Lebanon Church Redevelopment Project (JS)

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
01-Joint Compound 332020944-0001	Chapel bldg - 1F - NE storage SE - Drywall w/ texture coat + joint compound - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
01-Drywall 332020944-0001A	Chapel bldg - 1F - NE storage SE - Drywall w/ texture coat + joint compound - white	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
02-Joint Compound 332020944-0002	Chapel bldg - 1F - NW closet - Drywall w/ texture coat + joint compound - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
02-Drywall 332020944-0002A	Chapel bldg - 1F - NW closet - Drywall w/ texture coat + joint compound - white	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	88% Non-fibrous (Other)	None Detected
03-Joint Compound 332020944-0003	Chapel bldg - 1F - NE closet - Drywall w/ texture coat + joint compound - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
03-Drywall 332020944-0003A	Chapel bldg - 1F - NE closet - Drywall w/ texture coat + joint compound - white	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Hair	88% Non-fibrous (Other)	None Detected
04-Skim Coat 332020944-0004	Chapel bldg - 1F - chapel SW - Drywall w/ texture coat + joint compound - white <i>drywall/joint compound not present</i>	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
04-Plaster 332020944-0004A	Chapel bldg - 1F - chapel SW - Drywall w/ texture coat + joint compound - white	White/Green Non-Fibrous Heterogeneous		100% Non-fibrous (Other)	None Detected
05-Skim Coat 332020944-0005	Chapel bldg - 1F - SE storage NW - Drywall w/ texture coat + joint compound - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-Joint Compound 332020944-0005A	Chapel bldg - 1F - SE storage NW - Drywall w/ texture coat + joint compound - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
05-Drywall 332020944-0005B	Chapel bldg - 1F - SE storage NW - Drywall w/ texture coat + joint compound - white	Brown/White Fibrous Heterogeneous	10% Cellulose	<1% Gypsum 90% Non-fibrous (Other)	None Detected
06-Skim Coat 332020944-0006	Chapel bldg - 1F - SW entry rm - Drywall w/ texture coat + joint compound - white <i>joint compound not present</i>	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/25/2020 11:59:06





# LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / [gardengrovelab@latestesting.com](mailto:gardengrovelab@latestesting.com)

LA Testing Order: 332020944

Customer ID: 32CITA50F

Customer PO: 1097.1003.0

Project ID: JS

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
06-Drywall 332020944-0006A	Chapel bldg - 1F - SW entry rm - Drywall w/ texture coat + joint compound - white	Brown/White Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
07-Skim Coat 332020944-0007	Chapel bldg - 1F - S. stairs - Drywall w/ texture coat + joint compound - white <i>joint compound/drywall not present</i>	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
07-Plaster 332020944-0007A	Chapel bldg - 1F - S. stairs - Drywall w/ texture coat + joint compound - white	Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-Vinyl Floor Tile 332020944-0008	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
08-Mastic 332020944-0008A	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-Vinyl Floor Tile 332020944-0009	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
09-Mastic 332020944-0009A	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-Vinyl Floor Tile 332020944-0010	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Brown/Beige Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
10-Mastic 332020944-0010A	Chapel bldg - 1F - NE storage SE - W/ brown streaks + yellow mastic - beige	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-Vapor Barrier 332020944-0011	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
11-Mastic 332020944-0011A	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-Vapor Barrier 332020944-0012	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
12-Mastic 332020944-0012A	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
13-Vapor Barrier 332020944-0013	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/25/2020 11:59:06



# LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / [gardengrovelab@latestesting.com](mailto:gardengrovelab@latestesting.com)

LA Testing Order: 332020944

Customer ID: 32CITA50F

Customer PO: 1097.1003.0

Project ID: JS

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
13-Mastic 332020944-0013A	Chapel bldg - 1F - chapel SE - Barrier paper + mastic below wood flooring - black	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
14 332020944-0014	Chapel bldg - 1F - exterior NW - Window putty - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
15 332020944-0015	Chapel bldg - 1F - exterior N - Window putty - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
16 332020944-0016	Chapel bldg - 1F - exterior NE - Window putty - white	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17-Finish Coat 332020944-0017	Chapel bldg - 1F - exterior SW - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
17-Base Coat 332020944-0017A	Chapel bldg - 1F - exterior SW - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
18-Finish Coat 332020944-0018  <i>base coat not present</i>	Chapel bldg - 1F - exterior W - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
19-Finish Coat 332020944-0019  <i>base coat not present</i>	Chapel bldg - 1F - exterior NW - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20-Finish Coat 332020944-0020	Chapel bldg - 1F - exterior N - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
20-Base Coat 332020944-0020A	Chapel bldg - 1F - exterior N - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
21-Finish Coat 332020944-0021  <i>base coat not present</i>	Chapel bldg - 1F - exterior East - Exterior stucco base + finish coat - tan	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
22 332020944-0022	Chapel bldg - 1F - exterior N - Moisture barrier paper A/W ESI - black	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
23 332020944-0023	Chapel bldg - 1F - exterior N - Moisture barrier paper A/W ESI - black	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
24 332020944-0024	Chapel bldg - 1F - exterior N - Moisture barrier paper A/W ESI - black	Brown Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected

Initial report from: 11/25/2020 11:59:06



# LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / [gardengrovelab@latesting.com](mailto:gardengrovelab@latesting.com)

LA Testing Order: 332020944

Customer ID: 32CITA50F

Customer PO: 1097.1003.0

Project ID: JS

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
25-Roofing 332020944-0025	Chapel bldg - roof - NE - Roll on roof w/ gravel + felt paper + tar - black/gray	White/Black Fibrous Heterogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
25-Felt 332020944-0025A	Chapel bldg - roof - NE - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Fibrous Heterogeneous	35% Glass	65% Non-fibrous (Other)	None Detected
25-Tar 332020944-0025B	Chapel bldg - roof - NE - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
26-Roofing 332020944-0026	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	White/Black Fibrous Heterogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
26-Felt 332020944-0026A	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Fibrous Heterogeneous	35% Glass	65% Non-fibrous (Other)	None Detected
26-Tar 332020944-0026B	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
27-Roofing 332020944-0027	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	White/Black Fibrous Heterogeneous	15% Synthetic	85% Non-fibrous (Other)	None Detected
27-Felt 332020944-0027A	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Fibrous Heterogeneous	35% Glass	65% Non-fibrous (Other)	None Detected
27-Tar 332020944-0027B	Chapel bldg - roof - NW - Roll on roof w/ gravel + felt paper + tar - black/gray	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
28 332020944-0028	Chapel bldg - roof - NW - Penetration mastic A/W conduit 1" - black/gray	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
29 332020944-0029	Chapel bldg - roof - NW - Penetration mastic A/W HVAC - black/gray	Gray/Black Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
30 332020944-0030	Chapel bldg - roof - NW - Penetration mastic A/W coping - black/gray	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
31 332020944-0031	Chapel bldg - roof - NE - Penetration mastic A/W hatch - black/gray	Gray/Black Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
32 332020944-0032	Chapel bldg - roof - NW - Penetration mastic A/W pipe - black/gray	Gray/Black Fibrous Homogeneous		97% Non-fibrous (Other)	3% Chrysotile
33 332020944-0033	Chapel bldg - roof - NW - HVAC duct seam mastic - gray	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial report from: 11/25/2020 11:59:06



# LA Testing

5431 Industrial Drive Huntington Beach, CA 92649

Tel/Fax: (714) 828-4999 / (714) 828-4944

<http://www.LATesting.com> / [gardengrovelab@lateesting.com](mailto:gardengrovelab@lateesting.com)

LA Testing Order: 332020944

Customer ID: 32CITA50F

Customer PO: 1097.1003.0

Project ID: JS

## Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
34 332020944-0034	Chapel bldg - roof - NW - HVAC duct seam mastic - gray	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
35 332020944-0035	Chapel bldg - roof - NW - HVAC duct seam mastic - gray	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Brian Magumcia (17)

Sotheary Son (40)

Michael Chapman, Laboratory Manager  
or Other Approved Signatory

LA Testing maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by LA Testing. LA Testing bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore LA Testing recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by LA Testing Huntington Beach, CA NVLAP Lab Code 101384-0, CA ELAP 1406

Initial report from: 11/25/2020 11:59:06



#332020944

CHAIN OF CUSTODY



CITADEL LOCATION:

GLENDALE

Contact: \_\_\_\_\_  
email: \_\_\_\_\_  
1725 Victory Blvd.  
Glendale, CA 91201  
Phone: (818) 246-2707  
Fax: (818) 246-3145

ORANGE COUNTY

Contact: \_\_\_\_\_  
email: \_\_\_\_\_  
151 Kalmus Drive  
Costa Mesa, CA 92626  
Phone: (714) 547-4301  
Fax: (714) 547-4647

VALENCIA

Contact: \_\_\_\_\_  
email: \_\_\_\_\_  
28159 Ave Stanford Suite 224  
Valencia, CA 91355  
Phone: (818) 246-2707  
Fax: (818) 246-3145

LONG BEACH

Contact: JEFF KLEIN  
email: JKLEIN@citadelehs.com  
2525 Cherry Avenue Suite 105  
Signal Hill, CA 90755  
Phone: (818) 246-2707  
Fax: (818) 246-3145

PROJECT AND SAMPLE INFORMATION

PROJECT NUMBER: 1097.1003.0

PROJECT ID: OUR LADY OF MT. LEBANON CHURCH REDEVELOPMENT PROJECT

NUMBER OF SAMPLES: 35

SAMPLE NUMBERS: 01-35

TYPE OF SAMPLES (CIRCLE ONE): AIR \_\_\_\_\_ TAPE \_\_\_\_\_ WATER \_\_\_\_\_ WIPE \_\_\_\_\_  
BULK \_\_\_\_\_ SOIL \_\_\_\_\_ ZEFON \_\_\_\_\_ ANDERSEN \_\_\_\_\_  
AIR-O-CELL \_\_\_\_\_ PLATE \_\_\_\_\_ OTHER \_\_\_\_\_

TYPE OF ANALYSIS:

Asbestos

Phase Contrast Microscopy \_\_\_\_\_  
X Polarized Light Microscopy \_\_\_\_\_  
1st Positive Stop \_\_\_\_\_  
Point Count \_\_\_\_\_ 400 Point Count \_\_\_\_\_ 1000 Point \_\_\_\_\_  
Transmission Electron Microscopy \_\_\_\_\_  
Qualitative \_\_\_\_\_ Quantitative \_\_\_\_\_

Lead

Flame Atomic Absorption \_\_\_\_\_  
TTL \_\_\_\_\_ STLC \_\_\_\_\_ TCLP \_\_\_\_\_

Culturable Air

Andersen Fungi (genue ID, Aspergillus) \_\_\_\_\_  
Andersen Bacteria \_\_\_\_\_

Culturable Samples

Quantitative Fungi-dust, bulk swab-1 medium \_\_\_\_\_  
Quantitative Fungi-dust, bulk swab-3 media \_\_\_\_\_  
Quantitative Bacteria-dust, bulk swab-1 medium \_\_\_\_\_  
Quantitative Bacteria-dust, bulk, swab-3 media \_\_\_\_\_  
E.coli and Coliforms (MUG) \_\_\_\_\_

Non-Culturable Air

Non-Viable Spore Trap Slide \_\_\_\_\_

Surface Samples

Surface Sample (direct examination) \_\_\_\_\_

Other \_\_\_\_\_

TURNAROUND TIME (CIRCLE ONE): Rush \_\_\_\_\_ 12 HOURS \_\_\_\_\_ 24 HOURS \_\_\_\_\_ 48 HOURS \_\_\_\_\_  
3 DAYS \_\_\_\_\_ 5 DAYS \_\_\_\_\_ 5-10 DAYS \_\_\_\_\_ OTHER \_\_\_\_\_ 6- hour \_\_\_\_\_

REPORT RESULTS VIA (CIRCLE ALL THAT APPLY): PHONE \_\_\_\_\_ FAX \_\_\_\_\_ WRITTEN REPORT \_\_\_\_\_ PDF \_\_\_\_\_

NOTES/COMMENTS: **Special Project "JS" Perform Layered Analysis and Provide Layered Results.**

TRANSMITTAL RECORD:

Relinquished By: [Signature]  
Date: 11/20/20 Time: 5:25  
Relinquished By: \_\_\_\_\_  
Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: LA TESTING DROP BOX  
Date: 11/20/20 Time: 5:25  
Received By: JS (WJ)  
Date: 11/20/20 Time: 3:40pm

LABORATORY INFORMATION:

NAME: LA TESTING

LOCATION: HB

DISPOSITION OF SAMPLES:  RETURN \_\_\_\_\_ DAYS AFTER ANALYSIS  
 RETAIN FOR \_\_\_\_\_ DAYS

OTHER \_\_\_\_\_  
 YEAR (S) \_\_\_\_\_



BULK SAMPLE DATA FORM

PROJECT NO.: <span style="border: 1px solid black; padding: 2px;">1097</span> <span style="border: 1px solid black; padding: 2px;">1003</span> <span style="border: 1px solid black; padding: 2px;">0</span>	DATE: <span style="border: 1px solid black; padding: 2px;">11</span> <span style="border: 1px solid black; padding: 2px;">20</span> <span style="border: 1px solid black; padding: 2px;">20</span>	PAGE		
CLIENT: <u>WOLF, RIFKIN, SHAPIRO, SCHULMAN &amp; FABKIN, LLP (WRSSK)</u>	INSPECTOR(S): <u>JOSEPH HOONAN</u>			OF
PROJECT ID: <u>OUR LADY OF MT. LEBANON CHURCH REDEVELOPMENT PROJECT</u>	CSST/CAC NO: <u>14-5288</u>			
SITE ADDRESS: <u>333 S. SAN VICENTE BLVD LA CA 90048</u>				

HA	TYPE	SAMPLE NO.	MATERIAL DESCRIPTION		BULK SAMPLE LOCATION			QUANTITY		FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
			COLOR	TEXTURE/PATTERN	UNIT	LEVEL	AREA/LOCATION	NO.	UNIT			
WS/J	1	01	WHITE	DRYWALL W/TEXTURE COAT + JOINT COMPOUND	CHAPEL BLDG	1F	NE STORAGE SE	7,000	SF	MF	G	NA
WS/J	1	02	↓	↓	↓	↓	NW CLOSET	↓	↓	↓	↓	↓
WS/J	1	03	↓	↓	↓	↓	NE CLOSET	↓	↓	↓	↓	↓
WS/J	1	04	↓	↓	↓	↓	CHAPEL SW	↓	↓	↓	↓	↓
WS/J	1	05	↓	↓	↓	↓	SE STORAGE NW	↓	↓	↓	↓	↓
WS/J	1	06	↓	↓	↓	↓	SW ENTRY RM	↓	↓	↓	↓	↓
WS/J	1	07	↓	↓	↓	↓	S. STAIRS	↓	↓	↓	↓	↓
12VFT	1	08	BELGE	W/ BROWN STREAKS + YELLOW MASTIC	↓	↓	NE STORAGE SE	70	SF	↓	↓	↓
12VFT	1	09	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
12VFT	1	10	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MISC	1	11	BLACK	BARRIER PAPER + MASTIC BELOW WOOD FLOORING	↓	↓	CHAPEL SE	2500	SF	F	↓	↓
MISC	1	12	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
MISC	1	13	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
WP	1	14	WHITE	WINDOW PUTTY	↓	↓	EXTERIOR NW	150	SF	↓	↓	↓



# BULK SAMPLE DATA FORM

#332020944

PROJECT NO.: <span style="border: 1px solid black; padding: 2px;">1097</span> <span style="border: 1px solid black; padding: 2px;">1003</span> <span style="border: 1px solid black; padding: 2px;">0</span>	DATE: <span style="border: 1px solid black; padding: 2px;">11</span> <span style="border: 1px solid black; padding: 2px;">20</span> <span style="border: 1px solid black; padding: 2px;">20</span>	PAGE		
CLIENT: <u>WRSSK</u>				
PROJECT ID: <u>OUR LADY OF Mt. LEBANON CHURCH REDEVELOPMENT PROJECT</u>	INSPECTOR(S): <u>JOSEPH HOOD/SK</u>			OF
SITE ADDRESS: <u>333 S. SAN VICENTE BLVD LA CA 90048</u>	CSST/CAC NO: <u>14-5288</u>			

HA TYPE	SAMPLE NO.	MATERIAL DESCRIPTION		BULK SAMPLE LOCATION			QUANTITY		FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
		COLOR	TEXTURE/PATTERN	UNIT	LEVEL	AREA/LOCATION	NO.	UNIT			
WP 1	15			CHAPEL BLDG	IF	EXTERIOR N	1	1	F	S	MA
WP 1	16					EXTERIOR NE	1	1	F		
ES 1	17	TAN	EXTERIOR STUCCO BASED FINISH COAT			EXTERIOR SW	5,000	SF	NF		
ES 1	18					W					
ES 1	19					NW					
ES 1	20					N					
ES 1	21					EAST					
MISC 2	22	BLACK	MOISTURE BARRIER PAPER A/W ES1			N			F		
MISC 2	23										
MISC 2	24										
RFM 1	25	BLACK GRAY	HOLLOW ROOF W/ GRAVEL + FELT PAPER + TPK		ROOF	NE	125	SF	NF		
RFM 1	26					NW					
RFM 1	27										
RFM 1	28		PENETRATION MASTIC A/W CONDUIT 1"			NW	20	SF			



#332020944

BULK SAMPLE DATA FORM

PROJECT NO.: 1097 1003 0 DATE: 11 20 20 PAGE \_\_\_\_\_

CLIENT: WRSSR INSPECTOR(S): JOSH HOOVER OF \_\_\_\_\_

PROJECT ID: OUR LADY OF MT. LEBANON CHURCH REDEVELOPMENT PROJECT CSST/CAC NO: 14-5288

SITE ADDRESS: 333 S. SAN VICENTE BLVD LA CA 90048



HA TYPE	SAMPLE NO.	MATERIAL DESCRIPTION		BULK SAMPLE LOCATION			QUANTITY		FRIABILITY	MATERIAL CONDITION	DAMAGE TYPE
		COLOR	TEXTURE/PATTERN	UNIT	LEVEL	AREA/LOCATION	NO.	UNIT			
RPM	29	BLACK GRAY	PENETRATION MASTIC A/W HVAC	CHAPEL BLDG	ROOF	NW			MF	G	MA
RPM	30		A/W COPING			NW					
RPM	31		A/W HATCH			NE					
RPM	32		A/W PIPE			NW					
HVT	33	GRAY	HVAC DUCT SEAM MASTIC			NW	20	SF			
HVT	34										
HVT	35										



# Appendix F

## Table 3.0 - Lead XRF SA Results

TABLE 3.0 - XRF SA RESULTS  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VINCENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

Reading No	Time	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	MISC	Results	Action Level	Lead Result (mg/cm2)
51	11/20/2020 11:36	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OFFICE		NEGATIVE	0.7	0
52	11/20/2020 11:36	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OFFICE		NEGATIVE	0.7	0
53	11/20/2020 11:37	PAINT	mg / cm ^2	FINAL	BASEBOARD	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OFFICE		NEGATIVE	0.7	0
54	11/20/2020 11:37	PAINT	mg / cm ^2	FINAL	BASEBOARD	WOOD	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
55	11/20/2020 11:38	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
56	11/20/2020 11:39	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
57	11/20/2020 11:39	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	A	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
58	11/20/2020 11:40	PAINT	mg / cm ^2	FINAL	DOOR FRAME	METAL	A	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
59	11/20/2020 11:40	PAINT	mg / cm ^2	FINAL	DOOR FRAME	METAL	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	HALL		NEGATIVE	0.7	0
60	11/20/2020 11:41	PAINT	mg / cm ^2	FINAL	DOOR FRAME	METAL	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
61	11/20/2020 11:42	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
63	11/20/2020 11:43	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.4
64	11/20/2020 11:45	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	A	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL	MURAL	NEGATIVE	0.7	0
66	11/20/2020 11:48	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	B	INTACT	BROWN	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL	MURAL	LCP	0.7	0.18
68	11/20/2020 11:49	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	D	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL	MURAL	NEGATIVE	0.7	0
69	11/20/2020 11:50	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	D	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.13
70	11/20/2020 11:51	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
71	11/20/2020 11:51	PAINT	mg / cm ^2	FINAL	WINDOW	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
72	11/20/2020 11:52	PAINT	mg / cm ^2	FINAL	BASEBOARD	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
73	11/20/2020 11:52	PAINT	mg / cm ^2	FINAL	DOOR FRAME	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		NEGATIVE	0.7	0
74	11/20/2020 11:53	PAINT	mg / cm ^2	FINAL	DOOR FRAME	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	1.2
75	11/20/2020 11:55	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	8.8
76	11/20/2020 11:56	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	B	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.01
77	11/20/2020 11:57	PAINT	mg / cm ^2	FINAL	COLUMN	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.4
78	11/20/2020 11:57	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.2
79	11/20/2020 11:58	PAINT	mg / cm ^2	FINAL	DOOR FRAME	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	1.1
81	11/20/2020 11:59	PAINT	mg / cm ^2	FINAL	BASEBOARD	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.29
82	11/20/2020 12:03	PAINT	mg / cm ^2	FINAL	CEILING	WOOD	C	INTACT	BROWN	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.23
83	11/20/2020 12:04	PAINT	mg / cm ^2	FINAL	CEILING	WOOD	C	INTACT	GREEN	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.4
84	11/20/2020 12:04	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	C	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.02
85	11/20/2020 12:19	PAINT	mg / cm ^2	FINAL	WALL	STUCCO	D	INTACT	TAN	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		NEGATIVE	0.7	0
86	11/20/2020 12:19	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	D	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.09
87	11/20/2020 12:20	PAINT	mg / cm ^2	FINAL	HANDRAIL	METAL	D	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		NEGATIVE	0.7	0
88	11/20/2020 12:20	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	D	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		NEGATIVE	0.7	0
89	11/20/2020 12:21	PAINT	mg / cm ^2	FINAL	DOOR FRAME	METAL	D	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		NEGATIVE	0.7	0
90	11/20/2020 12:22	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	A	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.5
91	11/20/2020 12:22	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	A	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		NEGATIVE	0.7	0
92	11/20/2020 12:23	PAINT	mg / cm ^2	FINAL	DOOR FRAME	METAL	A	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		NEGATIVE	0.7	0
93	11/20/2020 12:24	PAINT	mg / cm ^2	FINAL	WALL	CERAMIC	A	INTACT	PINK	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.01
94	11/20/2020 12:24	PAINT	mg / cm ^2	FINAL	FLOOR	CERAMIC	A	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.02
95	11/20/2020 12:25	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		NEGATIVE	0.7	0
96	11/20/2020 12:25	PAINT	mg / cm ^2	FINAL	SINK	PORCELAIN	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.01
97	11/20/2020 12:26	PAINT	mg / cm ^2	FINAL	TOILET	PORCELAIN	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		NEGATIVE	0.7	0
98	11/20/2020 12:27	PAINT	mg / cm ^2	FINAL	TOILET	PORCELAIN	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	MEN'S 'BATHROOM		NEGATIVE	0.7	0
99	11/20/2020 12:27	PAINT	mg / cm ^2	FINAL	WALL	CERAMIC	C	INTACT	PINK	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	MEN'S 'BATHROOM		NEGATIVE	0.7	0
100	11/20/2020 12:28	PAINT	mg / cm ^2	FINAL	FLOOR	CERAMIC	C	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	MEN'S 'BATHROOM		NEGATIVE	0.7	0
101	11/20/2020 12:29	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	A	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	MEN'S 'BATHROOM		NEGATIVE	0.7	0
102	11/20/2020 12:30	PAINT	mg / cm ^2	FINAL	WALL	STUCCO	A	INTACT	TAN	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		NEGATIVE	0.7	0
103	11/20/2020 12:31	PAINT	mg / cm ^2	FINAL	WALL	STUCCO	B	INTACT	TAN	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		NEGATIVE	0.7	0
104	11/20/2020 12:32	PAINT	mg / cm ^2	FINAL	WALL	STUCCO	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		LCP	0.7	0.13
105	11/20/2020 12:32	PAINT	mg / cm ^2	FINAL	FENCE	METAL	B	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		NEGATIVE	0.7	0
106	11/20/2020 12:33	PAINT	mg / cm ^2	FINAL	HANDRAIL	METAL	B	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		NEGATIVE	0.7	0

**Appendix G**  
**Table 3.1 - Lead XRF Results - LBP (Positive)**

TABLE 3.1 - XRF SA RESULTS  
 LEAD-BASED PAINTS ( $\leq 0.7 \text{ mg/cm}^2$ )  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VICENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

Reading No	Time	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	MISC	Results	Action Level	Lead Result (mg/cm <sup>2</sup> )
74	11/20/2020 11:53	PAINT	mg / cm ^2	FINAL	DOOR FRAME	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	1.2
75	11/20/2020 11:55	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	8.8
79	11/20/2020 11:58	PAINT	mg / cm ^2	FINAL	DOOR FRAME	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LBP	0.7	1.1

# Appendix H

## Table 3.2 - Lead XRF Results (LCP)

TABLE 3.2 - XRF SA RESULTS  
 LEAD-CONTAINING PAINTS ( $\geq 0.01 \text{ mg/cm}^2$  AND  $< 0.7 \text{ mg/cm}^2$ )  
 ENVIRONMENTALLY-REGULATED SURVEY REPORT  
 OUR LADY OF MOUNT LEBANON  
 333 S SAN VINCENTE BOULEVARD  
 LOS ANGELES, CALIFORNIA 90048

Reading No	Time	Type	Units	Sequence	Component	Substrate	Side	Condition	Color	Site	Inspector	Floor	Room	MISC	Results	Action Level	Lead Result (mg/cm <sup>2</sup> )
63	11/20/2020 11:43	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.4
66	11/20/2020 11:48	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	B	INTACT	BROWN	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL	MURAL	LCP	0.7	0.18
69	11/20/2020 11:50	PAINT	mg / cm ^2	FINAL	WALL	DRYWALL	D	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.13
76	11/20/2020 11:56	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	B	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.01
77	11/20/2020 11:57	PAINT	mg / cm ^2	FINAL	COLUMN	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.4
78	11/20/2020 11:57	PAINT	mg / cm ^2	FINAL	DOOR	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.2
81	11/20/2020 11:59	PAINT	mg / cm ^2	FINAL	BASEBOARD	WOOD	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	CHAPEL		LCP	0.7	0.29
82	11/20/2020 12:03	PAINT	mg / cm ^2	FINAL	CEILING	WOOD	C	INTACT	BROWN	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.23
83	11/20/2020 12:04	PAINT	mg / cm ^2	FINAL	CEILING	WOOD	C	INTACT	GREEN	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.4
84	11/20/2020 12:04	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	C	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.02
86	11/20/2020 12:19	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	D	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.09
90	11/20/2020 12:22	PAINT	mg / cm ^2	FINAL	WINDOW	METAL	A	INTACT	BLUE	OUR LADY OF MOUNT LEBANON	J HOOVER	SECOND	CHAPEL		LCP	0.7	0.5
93	11/20/2020 12:24	PAINT	mg / cm ^2	FINAL	WALL	CERAMIC	A	INTACT	PINK	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.01
94	11/20/2020 12:24	PAINT	mg / cm ^2	FINAL	FLOOR	CERAMIC	A	INTACT	GREY	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.02
96	11/20/2020 12:25	PAINT	mg / cm ^2	FINAL	SINK	PORCELAIN	C	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	WOMEN'S 'BATHROOM		LCP	0.7	0.01
104	11/20/2020 12:32	PAINT	mg / cm ^2	FINAL	WALL	STUCCO	B	INTACT	WHITE	OUR LADY OF MOUNT LEBANON	J HOOVER	FIRST	OUTSIDE		LCP	0.7	0.13