

Limited Asbestos and Lead Sampling / Inspection Report

Building 500 – Restroom Renovation Project
4th Floor West
11301 Wilshire Blvd.
Los Angeles, California

4/24/13

Prepared For:

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Attachment One – Asbestos Laboratory Sheets & Chains of Custodies

Attachment Two - Lead Paint Inspection Report

Executive Summary

On April 24, 2013, Western Environmental & Safety Technologies LLC (WEST) conducted limited non-destructive asbestos sampling and XRF lead paint sampling for the 4th Floor West - restroom renovation project located at the West Los Angeles V.A. Healthcare System, 11301 Wilshire Blvd. Los Angeles, California. The purpose of the asbestos sampling was to sample and analyze suspect building materials for asbestos content from the referenced locations. All samples collected were submitted under proper chain of custody and analyzed by EMSL, located in Phoenix, Arizona.

Any suspect building materials encountered by WEST during the asbestos inspection were collected and analyzed for the presence of asbestos. The samples of the various building materials that were collected were analyzed using polarized light microscopy (PLM). A breakdown of laboratory analysis for each asbestos sample collected is included in the attached report. If any material containing asbestos will be disturbed, appropriate local, state, and federal regulations and guidelines must be followed.

All on-site asbestos bulk sampling was completed by Fred Larson, a State of California Certified Site Surveillance Technician under the direct of David Christy, a State of California Certified Asbestos Consultant (CAC# 92-0703).

WEST collected samples of suspect building materials that were accessible at the time of the inspection as found and noted by the on-site inspector. WEST utilized EMSL, located in Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).

WEST warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted asbestos hazard evaluation methods for the site referenced in this report.

Areas of proposed inspection

- Restrooms as outlined for Renovation (4th Floor West)
- Sampling to include walls, accessible flooring, accessible insulations, Baseboard Materials, Interstitial Space

Asbestos Inspection Summary – Asbestos Positive Materials

1. Floor tile and Floor Tile Mastic. (all areas considered asbestos positive)

Asbestos Building Inspection Findings

Based on the above information collected and the sample analysis attached to this report, there was asbestos containing materials found as part of this survey. If any building material is discovered to be suspect of containing asbestos, and it was not accessible or identified in this building inspection report, additional samples should be collected and analyzed and the building inspection report and data should subsequently be updated. California Code of Regulations Title 8, Section 1529 states that asbestos containing material and presumed asbestos containing material that will be disturbed during demolition, construction, renovation, etc. must be handled according to the standard. The state of California states that a material that contains one-tenth of one percent asbestos is classified as an asbestos containing material.

Survey Methodology (Asbestos)

The sampling as completed did not include any destructive sampling to conduct asbestos bulk sampling from concealed areas within the building surveyed. This includes behind walls, above ceilings, behind ceramic wall tile, or under ceramic floor tile. The survey was also limited due to the fact the restrooms were occupied at the time of the survey and strict dust control procedures were followed at the time of the on-site bulk sample collection. Due to availability and the limited access provided, random restroom spaces within the scope of work for sampling were accessed as part of this inspection report that are representative of the restrooms that are part of this project. The areas of proposed renovation were outlined, access assisted, and approved by KAL Architects. The surveyor proceeded to complete a visual inspection of the surrounding surfaces and the building components that were found at the building site as part of the asbestos sampling. Following the review of each inspection location that was remaining at the time of the inspection, the surveyor then made inspection notes while still in the field. These notes recorded data on the presence, type and general condition of any suspected ACMs encountered, and on a system-by-system basis as outlined in this report and as encountered during the inspection. The sampling inventory sheets and sample analysis breakdown are provided.

Sampling Strategy

The collection of bulk samples was performed in sufficient frequency to obtain only a basic pattern as to the use of possible asbestos containing building materials (ACM) within the building – for building materials that were identified within the building. It is known however, that inconsistencies within construction or later repair or renovation may result in deviation from this general pattern. For this reason, it is not possible to positively identify the presence and extent of asbestos building materials associated with the building without inspecting and sampling every square foot of all building surfaces and components encountered during the inspection process. As this was outside of the scope of this assignment, identification of asbestos-suspect materials was based on the surveyor's own experience and knowledge of the use of asbestos in buildings, the age, and the general appearance of the materials encountered. A complete list of sampled materials is attached to this report.

Sampling Method - Bulk Asbestos Samples

Wherever the collection of a bulk sample became necessary, samples were collected using general hand tools and placed in plastic zip bags, which were individually labelled with a sample number and description of the sampling location. This information was also recorded on a transmittal form. One copy of this form remained with the samples when transported to the laboratory. The second copy was retained by the surveyor. Care was used by the surveyor (wherever possible) to collect samples at a location which produced the least visual impact or would be least objectionable to building occupants.

Bulk Asbestos Sample Analysis

Each of the bulk samples collected were analysed by EMSL Analytical located in Phoenix, Arizona, using a combination of dispersion staining and polarized light microscopy. Sample preparation and analytical procedures follow the protocol outlined for NIOSH Method 9002 for bulk asbestos analysis, and the US EPA Method 600/R-93/116 dated July, 1993. Each of these methods is recognized by both federal and provincial authorities. For quality control purposes, the laboratory used for the sample asbestos analysis is certified under the National Voluntary Laboratory Accreditation Program (NVLAP) to perform asbestos analysis of bulk samples.

Deviations in Sample Results

Due to the removal and replacement of individual building materials over the course of a building's life or due to the installation of visually similar building products, it is possible that individual building surfaces may not be characteristic of the samples collected. Every effort was made to collect samples from typical building materials and components as found during the on-site sample collection. If any building material is discovered to be suspect of containing asbestos, and it was not accessible or identified in this building inspection report, additional samples should be collected and analyzed and the building inspection report and data should subsequently be updated.

Lead Paint / Lead Ceramic Tile

CAL-OSHA Regulations (Title 8 CCR Section 1532.1 and 29 CFR 1926.62) apply to all construction work where an employee may be occupationally exposed to lead, and therefore may be applicable to renovation or demolition projects involving paints with any concentration of lead.



When conducting construction activities, which disturb lead in any amount or create an exposure to workers, the employer is required to provide worker protection and conduct exposure assessments. All California employers should consult Cal-OSHA Regulations at Title 8, 1532.1, "Lead in Construction" standards for complete requirements.

In accordance with your request and authorization, Allstate Services conducted XRF lead paint sampling for the 4th Floor West - restroom renovation project located at the West Los Angeles V.A. Healthcare System, 11301 Wilshire Blvd. Los Angeles, California, on April 24, 2013. Please note that only selected areas were tested for lead-based paint at this time.

The on-site work was performed by Garrett J. Koury under the direction of Steven J. Travers, using an XRF Analyzer following all required protocols. Lead-based paint was identified at the above-mentioned property. Please see the attached Positive XRF Summary Report for further details.

General Information

The History of Asbestos

The word "asbestos" is derived from the Greek language. The Greeks admired the "miracle mineral" because of its softness and flexibility and its ability to withstand heat. The Greeks used asbestos much like cotton, spinning and weaving it into cloth. Asbestos was not widely available anywhere in the world until the late 1800s, when major deposits were found in Canada. Thereafter, asbestos was used to make thermal insulation for boilers, pipes, and other high temperature applications, and was also used as a fireproofing and reinforcement material. During World Wars I and II, the military used asbestos extensively in ships and other applications. Commercial usages of asbestos in buildings increased greatly thereafter, but growing concerns about the health risks associated with asbestos exposure resulted in a voluntary reduction in the use of asbestos beginning in the 1970s.

Characteristics of Asbestos

Asbestos is comprised of a group of natural minerals. Unlike other minerals, however, the crystals of asbestos form long, thin fibers. Asbestos deposits are found throughout the world, but the primary sites of commercial asbestos production are Canada, Russia, and South Africa. Commercial mining of asbestos in the United States was halted in the 1980s.

Once extracted from the earth, asbestos-containing rock is crushed, milled (or ground), and graded. This produces long, thread-like fibers of material. What appears to the naked eye as a single fiber is actually a bundle of hundreds or thousands of fibers, each of which can be divided even further into tiny fibers (fibrils), invisible without the aid of a microscope.

Asbestos materials are divided into two groups --*serpentine* and *amphibole*. All asbestos in the serpentine group is called Chrysotile. This is the most common type of asbestos found in buildings in the United States, accounting for approximately 95 percent of the asbestos found in the nation's buildings. It is commonly known as "white asbestos" because of its natural color.

The amphibole group contains five types of asbestos. Amosite, the second most common type of asbestos found in buildings in the United States, is often referred to as "brown asbestos" for the color of the natural mineral. Crocidolite, or "blue asbestos" has been used in high-temperature insulation products and on chemical resistant surfaces, such as laboratory tables for chemistry and biology classes (upon occasion, the custodial staff will drill holes in table tops for new fixtures without realizing that the material may contain crocidolite. The remaining three types of asbestos in the amphibole group --Anthophyllite,

Tremolite, and Actinolite -- are rare and have little commercial value. They are occasionally found as contaminants or minor constituents in asbestos-containing materials.

Uses of Asbestos

Asbestos has been used in thousands of products, largely because it is plentiful, readily available, cheap, strong, does not burn, conducts heat and electricity poorly, and is resistant to chemical corrosion. Products made with asbestos are often referred to as asbestos-containing materials (ACM). Asbestos proved particularly useful in the construction industry. Some of the most common uses of asbestos within buildings include:

- **Fireproofing material** -- Usually spray-applied to steel beams used in construction of multi-story buildings to prevent structural members from warping or collapsing in the event of fire.
- **Insulation material** -- Usually spray-applied, trowel-applied, or manually installed after being preformed to fit surfaces such as pipes for thermal insulation and condensation control.
- **Acoustical or soundproofing material** -- Trowel- or spray-applied. May also be used for decoration. Asbestos was mixed with other materials and sprayed onto ceilings and walls to produce a soft, textured look.
- **Miscellaneous materials** -- Asbestos has been added to asphalt, vinyl, cement and other materials to make products like roofing felts, exterior siding and roofing shingles, wallboard, pipes for water supply, combustion vents, and flues for waste gases and heat.

Fibers in asbestos cement, asphalt, and vinyl materials are usually firmly bound into materials in good condition and typically will be released only if the material is damaged mechanically -- for example through drilling, cutting, grinding, or sanding. In addition, asbestos in roofing shingles and siding exposed to weathering may slowly deteriorate and has the potential to release fibers.

Examples of the more common ACM materials found are flooring (tiles and Mastics) linoleum flooring, vinyl base, mastics, roofing materials, gaskets in heating and air-conditioning equipment, ceiling panels and tiles, wallboard, joint compound, plaster, pipe and boiler insulation, duct-wrap insulation, duct joint tape, duct vibration dampening cloth, fireproofing on structural members, fire brick for boilers, fire doors, acoustical spray-on, cement pipes, and panels.

Definitions of ACM

Different regulatory agencies and different regulations contain different definitions for a material that contains asbestos. The definitions are similar but different based upon the context in which the definition was created. The following are common definitions found in asbestos regulations.

Asbestos Containing Material (ACM):

According to EPA, OSHA and Cal-OSHA, asbestos containing material is a material that has greater than 1% asbestos.

Asbestos Containing Building Material (ACBM):

For purposes of AHERA, material with greater than 1% asbestos that was used on the interior construction of a school is called asbestos containing building material (ACBM).

Asbestos Containing Construction Material (ACCM):

According to Title 8, Section 1529, asbestos containing construction material means any manufactured construction material which contains more than 0.1 % asbestos by weight.

Presumed Asbestos Containing Material (PACM):

Any thermal system insulation and surfacing material found in buildings constructed no later than 1980. The designation of a material as PACM may be rebutted pursuant to Title 8, section 1529, subsection (k)(5).

Regulated Asbestos Containing Material (RACM):

The EPA in the National Emission Standard for Hazardous Air Pollutants (NESHAP) defines RACM as (a) Friable asbestos containing material, (b) Category I non-friable asbestos containing material that has become friable, (c) Category I non-friable asbestos containing material that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable asbestos containing material that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations regulated by Subpart M.

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General Limitations

The survey as completed was of sufficient depth to provide a screening for the purpose of establishing the presence of asbestos containing building materials (ACM) within the areas outlined for sampling and inspecting. Due to the nature of building construction some limitations exist as to the possible extent and accuracy of this survey. Such limitations include any inconsistencies in the use of materials during construction or later repairs or renovations that result in deviations from the general pattern. However, without sampling every square foot of building materials, it is not possible to rule out such limitations.

As this is not a practical approach to sample every square foot of building material, the survey was completed based on the collection of a sufficient number of samples representing the building materials listed in this sampling report and visually encountered. Every effort was made to collect these samples from typical or representative materials as they were encountered.

The collection of data, quantification of any damage, and confirmation of existing conditions, is limited by the surveyor's ability to access and visually inspect conditions at each inspection location. The collection of data above fixed or mechanically fastened ceilings, or from within concealed cavities or shafts, is therefore limited by the availability and location of access points, hatches, etc.

The survey, as completed, did not include demolition or dismantlement of equipment or building materials including but not limited to above ceilings, behind walls, and behind or under ceramic tiles as part of the on-site inspection and sample collection activities. (Or other demolition required inspecting conditions behind or within concealed areas. The survey as completed was not destructive in nature)

The field observations, measurements, and analysis are considered sufficient in detail and scope to form a reasonable basis for asbestos containing material overview of the building in question as it relates to the building system. Western Environmental & Safety Technologies LLC (WEST) warrants that the findings and conclusions contained herein have been promulgated in accordance with generally accepted asbestos hazard evaluation methods, for the site referenced in this report.

These evaluation methods have been developed to provide the client with information regarding apparent indications of existing or potentially hazardous asbestos conditions relating to the property and are necessarily limited to the conditions observed and information available at the time of the site visit and research. There is a distinct possibility that conditions may exist which could not be reasonably identified within the scope of the assessment or which were not apparent during the site visit.

Western Environmental & Safety Technologies LLC (WEST) believes that the information collected during the survey period concerning this property is reliable. However, Western Environmental & Safety Technologies LLC (WEST) cannot warrant or guarantee that the information provided is absolutely complete or accurate beyond the current asbestos consulting industry standards.

The conclusions and recommendations presented in this report are based upon reasonable visual inspection, site investigation, and bulk sampling of the property and research of available materials within the scope and budget of the contract. The information presented is relevant to the dates of our site visit and should not be relied upon to represent conditions at later dates. The opinions expressed herein are based on information obtained during our on-site inspection efforts and on our experience. If additional information becomes available, we request the opportunity to review the information and modify our opinions, if necessary.

Our services have been provided using that degree of care and skill ordinarily exercised, under similar circumstances, by environmental consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional opinions presented in this report. Western Environmental & Safety Technologies LLC (WEST) is not responsible for the conclusions, opinions, or recommendations made by others based on this information.



WESTERN ENVIRONMENTAL & SAFETY TECHNOLOGIES LLC

“an environmental consulting firm”

Detailed Asbestos Sampling Breakdown

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Asbestos sampling for the 4 th Floor West - restroom renovation project West Los Angeles V.A. Healthcare System, 11301 Wilshire Blvd. Los Angeles, California Asbestos Bulk Sampling Descriptions				
Sample #	Sample Date	Sample Location	Material Sampled	Results
VA-ICB	4/24/13	Room 4653	Cove Base Material	None Detected
VA-1M	4/24/13	Room 4653	Cove Base Mastic	None Detected
VA-2FT	4/24/13	Room 4653	12x12 Floor Tile (beige)	2% Chrysotile
VA-2M	4/24/13	Room 4653	Floor Tile Mastic	3% Chrysotile
VA-3	4/24/13	Room 4653	2x4 Ceiling Tile	None Detected
VA-4MUD	4/24/13	Room 4653 – Restroom Int.	Interior Drywall Core (layer 1 – mud)	None Detected
VA-4DW	4/24/13	Room 4653 – Restroom Int.	Interior Drywall Core (layer 2 – drywall)	None Detected
VA-5MUD	4/24/13	Room 4653	Interior Drywall Core (layer 1 – mud)	None Detected
VA-5DW	4/24/13	Room 4653	Interior Drywall Core (layer 2 – drywall)	None Detected
VA-6CB	4/24/13	Room 4626	Cove Base Material	None Detected
VA-6M	4/24/13	Room 4626	Cove Base Mastic (beige)	None Detected
VA-6M	4/24/13	Room 4626	Cove Base Mastic (brown)	None Detected
VA-7MUD	4/24/13	Room 4626 – ext. wall	Interior Drywall Core (layer 1 – mud)	None Detected
VA-7DW	4/24/13	Room 4626 – ext. wall	Interior Drywall Core (layer 2 – drywall)	None Detected
VA-8TEX	4/24/13	Room 4626 – Restroom Int.	Interior Drywall Core (layer 1 – texture)	None Detected
VA-8TAPE	4/24/13	Room 4626 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-8MUD	4/24/13	Room 4626 – Restroom Int.	Interior Drywall Core (layer 3 – mud)	None Detected
VA-8DW	4/24/13	Room 4626 – Restroom Int.	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-9FT	4/24/13	Room 4626	12x12 Floor Tile (beige)	2% Chrysotile
VA-9M	4/24/13	Room 4626	Floor Tile Mastic	3% Chrysotile
VA-10FT	4/24/13	Room 4651	12x12 Floor Tile (beige)	2% Chrysotile
VA-10M	4/24/13	Room 4651	Floor Tile Mastic (tan)	None Detected
VA-10M	4/24/13	Room 4651	Floor Tile Mastic (brown)	5% Chrysotile
None Detected = No asbestos found in the sample analyzed The sample descriptions listed above represent the location of the individual sample collected. The building material that has been sampled as listed above may be present in other locations of the building and has been represented above as a homogeneous space. Asbestos results are reported in % using Polarized Light Microscopy (PLM) as reported by EMSL, Phoenix, Arizona. WEST utilized EMSL, Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).”				

Samples analyzed by: EMSL, San Diego, California

Report Reviewed By: **David Christy**, Certified Asbestos Consultant, CAC# 92-0703

Asbestos sampling for the 4 th Floor West - restroom renovation project West Los Angeles V.A. Healthcare System, 11301 Wilshire Blvd. Los Angeles, California Asbestos Bulk Sampling Descriptions				
Sample #	Sample Date	Sample Location	Material Sampled	Results
VA-11TEX	4/24/13	Room 4651 – Restroom Int.	Interior Drywall Core (layer 1 – texture)	None Detected
VA-11TAPE	4/24/13	Room 4651 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-11MUD	4/24/13	Room 4651 – Restroom Int.	Interior Drywall Core (layer 3 – mud)	None Detected
VA-11DW	4/24/13	Room 4651 – Restroom Int.	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-12DW	4/24/13	Room 4651	Interior Drywall Core (layer 1 – drywall)	None Detected
VA-13CB	4/24/13	Room 4651	Cove Base Material	None Detected
VA-13M	4/24/13	Room 4651	Cove Base Mastic (white)	None Detected
VA-13M	4/24/13	Room 4651	Cove Base Mastic (tan)	None Detected
VA-13M	4/24/13	Room 4651	Cove Base Mastic (brown)	None Detected
VA-14	4/24/13	Room 4624 - Hallway	2x4 Ceiling Tile	None Detected
VA-15TAPE	4/24/13	Room 4624 – Restroom Int.	Interior Drywall Core (layer 1 – tape)	None Detected
VA-15MUD	4/24/13	Room 4624 – Restroom Int.	Interior Drywall Core (layer 2 – mud)	None Detected
VA-15DW	4/24/13	Room 4624 – Restroom Int.	Interior Drywall Core (layer 3 – drywall)	None Detected
VA-16FT	4/24/13	Room 4624	12x12 Floor Tile (beige)	2% Chrysotile
VA-16M	4/24/13	Room 4624	Floor Tile Mastic (tan)	None Detected
VA-16M	4/24/13	Room 4624	Floor Tile Mastic (black)	5% Chrysotile
VA-17CB	4/24/13	Room 4624	Cove Base Material	None Detected
VA-17M	4/24/13	Room 4624	Cove Base Mastic (white)	None Detected
VA-17M	4/24/13	Room 4624	Cove Base Mastic (tan)	None Detected
VA-17M	4/24/13	Room 4624	Cove Base Mastic (brown)	None Detected
VA-18TEX	4/24/13	Room 4624 – Ext. wall	Interior Drywall Core (layer 1 – texture)	None Detected
VA-18TAPE	4/24/13	Room 4624 – Ext. wall	Interior Drywall Core (layer 2 – tape)	None Detected
VA-18MUD	4/24/13	Room 4624 – Ext. wall	Interior Drywall Core (layer 3 – mud)	None Detected
None Detected = No asbestos found in the sample analyzed The sample descriptions listed above represent the location of the individual sample collected. The building material that has been sampled as listed above may be present in other locations of the building and has been represented above as a homogeneous space. Asbestos results are reported in % using Polarized Light Microscopy (PLM) as reported by EMSL, Phoenix, Arizona. WEST utilized EMSL, Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).”				

Samples analyzed by: EMSL, San Diego, California

Report Reviewed By: **David Christy**, Certified Asbestos Consultant, CAC# 92-0703

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Sample #	Sample Date	Sample Location	Material Sampled	Results
VA-18DW	4/24/13	Room 4624 – Ext. wall	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-19TAPE	4/24/13	Room 4634 - Hallway	Interior Drywall Core (layer 1 – tape)	None Detected
VA-19MUD	4/24/13	Room 4634 – Hallway	Interior Drywall Core (layer 2 – mud)	None Detected
VA-19DW	4/24/13	Room 4634 – Hallway	Interior Drywall Core (layer 3 – drywall)	None Detected
VA-20TEX	4/24/13	Room 4634 – Restroom Int.	Interior Drywall Core (layer 1 – texture)	None Detected
VA-20TAPE	4/24/13	Room 4634 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-20MUD	4/24/13	Room 4634 – Restroom Int.	Interior Drywall Core (layer 3 – mud)	None Detected
VA-20DW	4/24/13	Room 4634 – Restroom Int.	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-21FT	4/24/13	Room 4634	12x12 Floor Tile (beige)	2% Chrysotile
VA-21M	4/24/13	Room 4634	Floor Tile Mastic (tan)	None Detected
VA-21M	4/24/13	Room 4634	Floor Tile Mastic (black)	5% Chrysotile
VA-22CB	4/24/13	Room 4634	Cove Base Material	None Detected
VA-22M	4/24/13	Room 4634	Cove Base Mastic (tan)	None Detected
VA-22M	4/24/13	Room 4634	Cove Base Mastic (brown)	None Detected
VA-23CB	4/24/13	Room 4627	Cove Base Material	None Detected
VA-23M	4/24/13	Room 4627	Cove Base Mastic (tan)	None Detected
VA- 24TEX	4/24/13	Room 4627 – Restroom Int.	Interior Drywall Core (layer 1 – texture)	None Detected
VA-24TAPE	4/24/13	Room 4627 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-24MUD	4/24/13	Room 4627 – Restroom Int.	Interior Drywall Core (layer 3 – mud)	None Detected
VA-24DW	4/24/13	Room 4627 – Restroom Int.	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-25FT	4/24/13	Room 4627	12x12 Floor Tile (beige)	2% Chrysotile
VA-25M	4/24/13	Room 4627	Floor Tile Mastic (tan)	None Detected
VA-25M	4/24/13	Room 4627	Floor Tile Mastic (black)	5% Chrysotile
None Detected = No asbestos found in the sample analyzed The sample descriptions listed above represent the location of the individual sample collected. The building material that has been sampled as listed above may be present in other locations of the building and has been represented above as a homogeneous space. Asbestos results are reported in % using Polarized Light Microscopy (PLM) as reported by EMSL, Phoenix, Arizona. WEST utilized EMSL, Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).”				

Samples analyzed by: EMSL, San Diego, California

Report Reviewed By: **David Christy**, Certified Asbestos Consultant, CAC# 92-0703

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Sample #	Sample Date	Sample Location	Material Sampled	Results
VA-26MUD	4/24/13	Room 4627 – Ext. Wall	Interior Drywall Core (layer 1 – mud)	None Detected
VA-26DW	4/24/13	Room 4627 – Ext. Wall	Interior Drywall Core (layer 2 – drywall)	None Detected
VA-27MUD	4/24/13	Room 4654 - Hallway	Interior Drywall Core (layer 1 – mud)	None Detected
VA-27PL	4/24/13	Room 4654 - Hallway	Interior Drywall Core (layer 2 – plaster)	None Detected
VA-27DW	4/24/13	Room 4654 - Hallway	Interior Drywall Core (layer 3 – drywall)	None Detected
VA-28TEX	4/24/13	Room 4654 – Restroom Int.	Interior Drywall Core (layer 1 – texture)	None Detected
VA-28TAPE	4/24/13	Room 4654 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-28MUD	4/24/13	Room 4654 – Restroom Int.	Interior Drywall Core (layer 3 – mud)	None Detected
VA-28DW	4/24/13	Room 4654 – Restroom Int.	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-29CB	4/24/13	Room 4654	Cove Base Material	None Detected
VA-29M	4/24/13	Room 4654	Cove Base Mastic (tan)	None Detected
VA-30FT	4/24/13	Room 4654	12x12 Floor Tile (beige)	2% Chrysotile
VA-30M	4/24/13	Room 4654	Floor Tile Mastic (tan)	None Detected
VA-30M	4/24/13	Room 4654	Floor Tile Mastic (black)	5% Chrysotile
VA-31CB	4/24/13	Room 4640	Cove Base Material	None Detected
VA-31M	4/24/13	Room 4640	Cove Base Mastic (tan)	None Detected
VA- 31M	4/24/13	Room 4640	Cove Base Mastic (brown)	None Detected
VA-32TEX	4/24/13	Room 4640 - Hallway	Interior Drywall Core (layer 1 – texture)	None Detected
VA-32TAPE	4/24/13	Room 4640 – Hallway	Interior Drywall Core (layer 2 – tape)	None Detected
VA-32MUD	4/24/13	Room 4640 – Hallway	Interior Drywall Core (layer 3 – mud)	None Detected
VA-32DW	4/24/13	Room 4640 - Hallway	Interior Drywall Core (layer 4 – drywall)	None Detected
VA-33FT	4/24/13	Room 4640	12x12 Floor Tile (beige)	2% Chrysotile
VA-33M	4/24/13	Room 4640	Floor Tile Mastic (tan)	None Detected
None Detected = No asbestos found in the sample analyzed The sample descriptions listed above represent the location of the individual sample collected. The building material that has been sampled as listed above may be present in other locations of the building and has been represented above as a homogeneous space. Asbestos results are reported in % using Polarized Light Microscopy (PLM) as reported by EMSL, Phoenix, Arizona. WEST utilized EMSL, Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).”				

Samples analyzed by: EMSL, San Diego, California

Report Reviewed By: **David Christy**, Certified Asbestos Consultant, CAC# 92-0703

Asbestos sampling for the 4 th Floor West - restroom renovation project West Los Angeles V.A. Healthcare System, 11301 Wilshire Blvd. Los Angeles, California Asbestos Bulk Sampling Descriptions				
Sample #	Sample Date	Sample Location	Material Sampled	Results
VA-33M	4/24/13	Room 4640	Floor Tile Mastic (black)	5% Chrysotile
VA-34MUD	4/24/13	Room 4640 – Restroom Int.	Interior Drywall Core (layer 1 – mud)	None Detected
VA-34TAPE	4/24/13	Room 4640 – Restroom Int.	Interior Drywall Core (layer 2 – tape)	None Detected
VA-34DW	4/24/13	Room 4640 – Restroom Int.	Interior Drywall Core (layer 3 – drywall)	None Detected
VA-35	4/24/13	Room 4625	2x2 Ceiling Tile	None Detected
VA-36MUD	4/24/13	Room 4625 - Hallway	Interior Drywall Core (layer 1 – mud)	None Detected
VA-37MUD	4/24/13	Room 4625 – Restroom Int.	Interior Drywall Core (layer 1 – mud)	None Detected
VA-37DW	4/24/13	Room 4625 – Restroom Int.	Interior Drywall Core (layer 2 – drywall)	None Detected
VA-38CB	4/24/13	Room 4625	Cove Base Material	None Detected
VA-38M	4/24/13	Room 4625	Cove Base Mastic (tan)	None Detected
VA-39	4/24/13	4 West Interstitial Space	Fireproofing @ double Column	None Detected
VA-40	4/24/13	4 West Interstitial Space	Fireproofing Overspray @ center cross beam	None Detected
VA-41	4/24/13	4 West Interstitial Space	Fireproofing @ center vertical beam	None Detected
VA-42	4/24/13	4 West Interstitial Space	Fireproofing @ side brace	None Detected
VA-43	4/24/13	4 West Interstitial Space	Fireproofing @ entry door	None Detected
VA-44WRAP	4/24/13	4 West Interstitial Space	4” Pipe insulation jacket	None Detected
VA- 44INS	4/24/13	4 West Interstitial Space	4” Pipe insulation jacket and insulation	None Detected
<p>None Detected = No asbestos found in the sample analyzed</p> <p>The sample descriptions listed above represent the location of the individual sample collected. The building material that has been sampled as listed above may be present in other locations of the building and has been represented above as a homogeneous space.</p> <p>Asbestos results are reported in % using Polarized Light Microscopy (PLM) as reported by EMSL, Phoenix, Arizona.</p> <p>WEST utilized EMSL, Phoenix, Arizona, a NVLAP and California DHS Accredited Laboratory to provide: “Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy (PLM).</p>				

Samples analyzed by: EMSL, San Diego, California

Report Reviewed By: **David Christy**, Certified Asbestos Consultant, CAC# 92-0703

Attachment A

Laboratory Reports / Chain of Custodies

**EMSL Analytical, Inc.**

3356 West Catalina Drive, Phoenix, AZ 85017

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Project: **W. LA VA Hospital**

Phone: (858) 271-1842
Fax: (858) 271-1856
Received: 04/29/13 2:30 PM
Analysis Date: 5/1/2013
Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
VA-1-Cove Base 121301843-0001	RM 4653, Covebase Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-1-Mastic 121301843-0001A	RM 4653, Covebase Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-2-Floor Tile 121301843-0002	RM 4653, 12"x12 Tile & Mastic - Beige	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
VA-2-Mastic 121301843-0002A	RM 4653, 12"x12 Tile & Mastic - Beige	Tan/Black Non-Fibrous Homogeneous		97% Non-fibrous (other)	3% Chrysotile
Mastics are inseparable.					
VA-3 121301843-0003	RM 4653, 2'x4' Ceiling Tile	Gray/White Fibrous Heterogeneous	40% Cellulose 40% Min. Wool	10% Perlite 10% Non-fibrous (other)	None Detected
VA-4-Mud 121301843-0004	RM 4653, RR Int. Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-4-Drywall 121301843-0004A	RM 4653, RR Int. Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)	None Detected
VA-5-Mud 121301843-0005	RM 4653, Interior Drywall	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Amanda Lang (16)

Cheryl Alvarado (94)

Michelle Wilson, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%		%	Type
VA-5-Drywall 121301843-0005A	RM 4653, Interior Drywall	Brown/White Fibrous Heterogeneous	10%	Cellulose	85%	Gypsum
			2%	Glass	3%	Non-fibrous (other)
VA-6-Cove Base 121301843-0006	RM 4626, Cove Base Mastic	Blue Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-6-Beige Mastic 121301843-0006A	RM 4626, Cove Base Mastic	Beige Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-6-Brown Mastic 121301843-0006B	RM 4626, Cove Base Mastic	Brown Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-7-Mud 121301843-0007	RM 4626, Exterior Drywall & Mud	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-7-Drywall 121301843-0007A	RM 4626, Exterior Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose	85%	Gypsum
			2%	Glass	3%	Non-fibrous (other)
VA-8-Texture 121301843-0008	RM 4626, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-8-Tape 121301843-0008A	RM 4626, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99%	Cellulose	1%	Non-fibrous (other)

Analyst(s)

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			% Fibrous	% Non-Fibrous	% Type	
VA-8-Mud 121301843-0008B	RM 4626, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-8-Drywall 121301843-0008C	RM 4626, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)		None Detected
VA-9-Floor Tile 121301843-0009	RM 4626, 12"x12" Tile & Mastic - Beige	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)		2% Chrysotile
VA-9-Mastic 121301843-0009A	RM 4626, 12"x12" Tile & Mastic - Beige	Tan/Black Non-Fibrous Heterogeneous		97% Non-fibrous (other)		3% Chrysotile
Mastics are inseparable.						
VA-10-Floor Tile 121301843-0010	RM 4651, 12"x12" Tile & Mastic - Beige	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)		2% Chrysotile
VA-10-Tan Mastic 121301843-0010A	RM 4651, 12"x12" Tile & Mastic - Beige	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-10-Black Mastic 121301843-0010B	RM 4651, 12"x12" Tile & Mastic - Beige	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)		5% Chrysotile
VA-11-Texture 121301843-0011	RM 4651, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
VA-11-Tape 121301843-0011A	RM 4651, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
VA-11-Mud 121301843-0011B	RM 4651, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-11-Drywall 121301843-0011C	RM 4651, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose	85% Gypsum 5% Non-fibrous (other)	None Detected
VA-12-Drywall 121301843-0012	RM 4651, Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)	None Detected
No Mud present.					
VA-13-Cove Base 121301843-0013	RM 4651, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-13-White Mastic 121301843-0013A	RM 4651, Cove Base Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-13-Tan Mastic 121301843-0013B	RM 4651, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-13-Brown Mastic 121301843-0013C	RM 4651, Cove Base Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%	Fibrous	%	Type
VA-14 121301843-0014	Rm 4624, 2'x4' Ceiling Tile - Hallway	Gray/White Fibrous Heterogeneous	40%	Cellulose	10%	Perlite
			40%	Min. Wool	10%	Non-fibrous (other)
VA-15-Texture 121301843-0015	Rm 4624, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-15-Tape 121301843-0015A	Rm 4624, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99%	Cellulose	1%	Non-fibrous (other)
VA-15-Mud 121301843-0015B	Rm 4624, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-15-Drywall 121301843-0015C	Rm 4624, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose	85%	Gypsum
			2%	Glass	3%	Non-fibrous (other)
VA-16-Floor Tile 121301843-0016	Rm 4624, 12"x12" Tile & Mastic	Beige Non-Fibrous Homogeneous			98%	Non-fibrous (other)
VA-16-Tan Mastic 121301843-0016A	Rm 4624, 12"x12" Tile & Mastic	Tan Non-Fibrous Homogeneous			100%	Non-fibrous (other)
VA-16-Black Mastic 121301843-0016B	Rm 4624, 12"x12" Tile & Mastic	Black Non-Fibrous Homogeneous			95%	Non-fibrous (other)

Analyst(s)

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Michelle Wilson, Laboratory Manager
or other approved signatory

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
VA-17-Cove Base 121301843-0017	Rm 4624, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-17-White Mastic 121301843-0017A	Rm 4624, Cove Base Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-17-Tan Mastic 121301843-0017B	Rm 4624, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-17-Brown Mastic 121301843-0017C	Rm 4624, Cove Base Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-18-Texture 121301843-0018	Rm 4624, Exterior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-18-Tape 121301843-0018A	Rm 4624, Exterior Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
VA-18-Mud 121301843-0018B	Rm 4624, Exterior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-18-Drywall 121301843-0018C	Rm 4624, Exterior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%	Fibrous	%	Type
VA-19-Tape 121301843-0019	Rm 4634, Hallway Drywall & Mud	White Fibrous Homogeneous	99%	Glass	1% Non-fibrous (other)	None Detected
VA-19-Mud 121301843-0019A	Rm 4634, Hallway Drywall & Mud	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-19-Drywall 121301843-0019B	Rm 4634, Hallway Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)	None Detected
VA-20-Texture 121301843-0020	Rm 4634, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-20-Tape 121301843-0020A	Rm 4634, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99%	Cellulose	1% Non-fibrous (other)	None Detected
VA-20-Mud 121301843-0020B	Rm 4634, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-20-Drywall 121301843-0020C	Rm 4634, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)	None Detected
VA-21-Floor Tile 121301843-0021	Rm 4634, 12x12 Tile & Mastic - Beige	Beige Non-Fibrous Homogeneous			98% Non-fibrous (other)	2% Chrysotile

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Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
VA-21-Tan Mastic 121301843-0021A	Rm 4634, 12x12 Tile & Mastic - Beige	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-21-Black Mastic 121301843-0021B	Rm 4634, 12x12 Tile & Mastic - Beige	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
VA-22-Cove Base 121301843-0022	Rm 4634, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-22-Tan Mastic 121301843-0022A	Rm 4634, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-22-Brown Mastic 121301843-0022B	Rm 4634, Cove Base Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-23-Cove Base 121301843-0023	RM 4627, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-23-Mastic 121301843-0023A	RM 4627, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-24-Texture 121301843-0024	RM 4627, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Amanda Lang (16)

Cheryl Alvarado (94)

Michelle Wilson, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

**EMSL Analytical, Inc.**

3356 West Catalina Drive, Phoenix, AZ 85017

Phone/Fax: (602) 276-4344 / (602) 276-4053

www.emsl.comphoenixlab@emsl.com

EMSL Order: 121301843

CustomerID: WEST60

CustomerPO:

ProjectID:

Attn: **David A Christy**
Western Environmental & Safety Tech.
7966 Arjons Drive
Suite 110
San Diego, CA 92126

Project: **W. LA VA Hospital**

Phone: (858) 271-1842
 Fax: (858) 271-1856
 Received: 04/29/13 2:30 PM
 Analysis Date: 5/1/2013
 Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			% Fibrous	% Non-Fibrous	% Type	
VA-24-Tape 121301843-0024A	RM 4627, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)		None Detected
VA-24-Mud 121301843-0024B	RM 4627, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-24-Drywall 121301843-0024C	RM 4627, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)		None Detected
VA-25-Floor Tile 121301843-0025	RM 4627, 12x12 Tile & Mastic	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)		2% Chrysotile
VA-25-Tan Mastic 121301843-0025A	RM 4627, 12x12 Tile & Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-25-Black Mastic 121301843-0025B	RM 4627, 12x12 Tile & Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)		5% Chrysotile
VA-26-Mud 121301843-0026	RM 4627, Exterior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-26-Drywall 121301843-0026A	RM 4627, Exterior Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)		None Detected

Analyst(s)

Amanda Lang (16)

Cheryl Alvarado (94)

Michelle Wilson, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

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3356 West Catalina Drive, Phoenix, AZ 85017

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EMSL Order: 121301843

CustomerID: WEST60

CustomerPO:

ProjectID:

Attn: **David A Christy**
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7966 Arjons Drive
Suite 110
San Diego, CA 92126

Project: **W. LA VA Hospital**

Phone: (858) 271-1842
Fax: (858) 271-1856
Received: 04/29/13 2:30 PM
Analysis Date: 5/1/2013
Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			% Fibrous	% Non-Fibrous	% Type	
VA-27-Mud 121301843-0027	RM 4654, Hallway Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-27-Plaster 121301843-0027A	RM 4654, Hallway Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-27-Drywall 121301843-0027B	RM 4654, Hallway Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)		None Detected
VA-28-Texture 121301843-0028	Rm 4654, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-28-Tape 121301843-0028A	Rm 4654, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)		None Detected
VA-28-Mud 121301843-0028B	Rm 4654, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-28-Drywall 121301843-0028C	Rm 4654, RR Interior Drywall & Mud	White Fibrous Homogeneous	3% Cellulose 2% Glass	90% Gypsum 5% Non-fibrous (other)		None Detected
VA-29-Cove Base 121301843-0029	Rm 4654, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected

Analyst(s)

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Michelle Wilson, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

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EMSL Order: 121301843

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7966 Arjons Drive
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Project: **W. LA VA Hospital**

Phone: (858) 271-1842
 Fax: (858) 271-1856
 Received: 04/29/13 2:30 PM
 Analysis Date: 5/1/2013
 Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>
			% Fibrous	% Non-Fibrous	% Type
VA-29-Mastic 121301843-0029A	Rm 4654, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-30-Floor Tile 121301843-0030	Rm 4654, 12"x12" Tile & Mastic	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)	2% Chrysotile
VA-30-Tan Mastic 121301843-0030A	Rm 4654, 12"x12" Tile & Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-30-Black Mastic 121301843-0030B	Rm 4654, 12"x12" Tile & Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
VA-31-Cove Base 121301843-0031	Rm 4640, Cove Base Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-31-Tan Mastic 121301843-0031A	Rm 4640, Cove Base Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-31-Brown Mastic 121301843-0031B	Rm 4640, Cove Base Mastic	Brown Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
VA-32-Texture 121301843-0032	Rm 4640, Hallway Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

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EMSL Order: 121301843

CustomerID: WEST60

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ProjectID:

Attn: **David A Christy**
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7966 Arjons Drive
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Project: **W. LA VA Hospital**

Phone: (858) 271-1842
 Fax: (858) 271-1856
 Received: 04/29/13 2:30 PM
 Analysis Date: 5/1/2013
 Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			% Fibrous	% Non-Fibrous	% Type	
VA-32-Tape 121301843-0032A	Rm 4640, Hallway Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)		None Detected
VA-32-Mud 121301843-0032B	Rm 4640, Hallway Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-32-Drywall 121301843-0032C	Rm 4640, Hallway Drywall & Mud	Brown/White Fibrous Heterogeneous	10% Cellulose 2% Glass	85% Gypsum 3% Non-fibrous (other)		None Detected
VA-33-Floor Tile 121301843-0033	Rm 4640, 12"x12" Tile & Mastic	Beige Non-Fibrous Homogeneous		98% Non-fibrous (other)		2% Chrysotile
VA-33-Tan Mastic 121301843-0033A	Rm 4640, 12"x12" Tile & Mastic	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-33-Black Mastic 121301843-0033B	Rm 4640, 12"x12" Tile & Mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)		5% Chrysotile
VA-34-Mud 121301843-0034	Rm 4640, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
VA-34-Tape 121301843-0034A	Rm 4640, RR Interior Drywall & Mud	Beige Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)		None Detected

Analyst(s)

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Cheryl Alvarado (94)

Michelle Wilson, Laboratory Manager
or other approved signatory

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Phone/Fax: (602) 276-4344 / (602) 276-4053

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EMSL Order: 121301843

CustomerID: WEST60

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Attn: **David A Christy**
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7966 Arjons Drive
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Project: **W. LA VA Hospital**

Phone: (858) 271-1842
 Fax: (858) 271-1856
 Received: 04/29/13 2:30 PM
 Analysis Date: 5/1/2013
 Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%	Fibrous	%	Type
VA-34-Drywall 121301843-0034B	Rm 4640, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose	85% Gypsum 5% Non-fibrous (other)	None Detected
VA-35 121301843-0035	Rm 4625, 2'x2' Ceiling Tile	Gray/White Fibrous Heterogeneous	40%	Cellulose	10% Perlite 10% Non-fibrous (other)	None Detected
VA-36-Mud 121301843-0036	Rm 4625, Hallway Drywall & Mud	White Non-Fibrous Homogeneous	No Drywall present.		100% Non-fibrous (other)	None Detected
VA-37-Mud 121301843-0037	Rm 4625, RR Interior Drywall & Mud	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-37-Drywall 121301843-0037A	Rm 4625, RR Interior Drywall & Mud	Brown/White Fibrous Heterogeneous	10%	Cellulose	85% Gypsum 5% Non-fibrous (other)	None Detected
VA-38-Cove Base 121301843-0038	Rm 4625, Cove Base Mastic	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-38-Mastic 121301843-0038A	Rm 4625, Cove Base Mastic	Tan Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
VA-39 121301843-0039	4 West, Fireproof @ Double Column	Beige Fibrous Homogeneous	25%	Cellulose	70% Non-fibrous (other)	None Detected
			5%	Glass		

Analyst(s)

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Cheryl Alvarado (94)

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or other approved signatory

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EMSL Order: 121301843

CustomerID: WEST60

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ProjectID:

Attn: **David A Christy**
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7966 Arjons Drive
Suite 110
San Diego, CA 92126

Project: **W. LA VA Hospital**

Phone: (858) 271-1842
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Received: 04/29/13 2:30 PM
Analysis Date: 5/1/2013
Collected: 4/29/2013

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s) using Polarized Light Microscopy

Sample	Description	Appearance	<u>Non-Asbestos</u>			<u>Asbestos</u>
			%	Fibrous	% Non-Fibrous	% Type
VA-40 121301843-0040	4 West, Fireproof Overspray @ Center Cross- Beam	Beige Fibrous Homogeneous	25% 5%	Cellulose Glass	5% Mica 65% Non-fibrous (other)	None Detected
VA-41 121301843-0041	4 West, Fireproof, Center Vertical Beam	Beige Fibrous Homogeneous	25% 5%	Cellulose Glass	5% Mica 65% Non-fibrous (other)	None Detected
VA-42 121301843-0042	4 West, Fireproof @ Side Brace	Beige Fibrous Homogeneous	25% 5%	Cellulose Glass	5% Mica 65% Non-fibrous (other)	None Detected
VA-43 121301843-0043	4 West, Fireproof @ Entry Door	White/Gold Non-Fibrous Homogeneous			10% Mica 90% Non-fibrous (other)	None Detected
VA-44-Wrap 121301843-0044	4 West, 4" Pipe Wrap & Insulation	Various Fibrous Homogeneous	60% 10%	Cellulose Glass	30% Non-fibrous (other)	None Detected
VA-44-Insulation 121301843-0044A	4 West, 4" Pipe Wrap & Insulation	Yellow Fibrous Homogeneous	99%	Glass	1% Non-fibrous (other)	None Detected

Analyst(s)

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Samples analyzed by EMSL Analytical, Inc. Phoenix, AZ NVLAP Lab Code 200811-0, AZ0937

Initial report from 05/01/2013 15:53:40

121301843

Chain of Custody/Analysis Request Form

Project Name: W. LA VA Project Address: Hospital L.A., CA.		Sampled By: Fred Larson Contact: David A. Christy (619) 571-3987		Laboratory: EMSL/SD. City/State:	
Relinquished By: (sign/print) Fred Larson		Company: W.E.S.T. LLC		Date/Time: 4.29.12 6 PM	
5 Day		3 Day		2 Day	
24 Hours		24 Hours		24 Hours	
Received By: (sign/print) [Signature]		Received By: (sign/print) [Signature]		Date/Time: 4/29/13 2:30 PM	
Analysis Requested (PCM, PLM, TEM, Pb Air, Pb Bulk, Pb Wipe)		Total Volume		Analysis Requested (PCM, PLM, TEM, Pb Air, Pb Bulk, Pb Wipe)	

Sample ID	Date Sampled	Sample Location/Description	Flow Rate	Start / Stop	Total Volume	Analysis Requested
1 VA-1	24 APR 13	Rm 4653, COVEBASE MASTIC		/	EA	PLM
2 VA-2		Rm 4653, 12"x12" Tile & MASTIC - BEIGE		/		
3 VA-3		Rm 4653, 2'x4' Ceiling Tile		/		
4 VA-4		Rm 4653, RR INT. DRYWALL & Mud		/		
5 VA-5		Rm 4653, Interior DRYWALL		/		
6 VA-6		Rm 4626, COVEBASE MASTIC		/		
7 VA-7		Rm 4626, Exterior DRYWALL & Mud		/		
8 VA-8		Rm 4626, RR Interior DRYWALL & Mud		/		
9 VA-9		Rm 4626, 12"x12" Tile & MASTIC - BEIGE		/		
10 VA-10		Rm 4651, 12"x12" Tile & MASTIC - BEIGE		/		
11 VA-11	24 APR 13	Rm 4651, RR Interior DRYWALL & Mud		/	EA	PLM

Note: Please analyze Mastic only on all floor tile samples for samples indicated.

121301843

Chain of Custody/Analysis Request Form

Project Name: W. LA VA Project Address: Hospital LA, CA		Sampled By: Fred Larson Contact: David A. Christy (619) 571-3987		Laboratory: EMS / S.D. City/State:	
Relinquished By: (sign/print) Fred Larson		Received By: (sign/print) [Signature]		Date/Time 4/22/13 10 AM	
Sample ID VA-12		Date Sampled 29 APR 13		Sample Location/Description Rm 4651, Interior DRYWALL & Mud	
Sample ID VA-13		Date Sampled [Blank]		Sample Location/Description Rm 4651, Cove Base Mastic	
Sample ID VA-14		Date Sampled [Blank]		Sample Location/Description Rm 4624, 2x4 Ceiling Tile - Hallway	
Sample ID VA-15		Date Sampled [Blank]		Sample Location/Description Rm 4624, RR Interior DRYWALL & Mud	
Sample ID VA-16		Date Sampled [Blank]		Sample Location/Description Rm 4624, 12x12 Tile & Mastic	
Sample ID VA-17		Date Sampled [Blank]		Sample Location/Description Rm 4624, Cove Base Mastic	
Sample ID VA-18		Date Sampled [Blank]		Sample Location/Description Rm 4624, Exterior DRYWALL & Mud	
Sample ID VA-19		Date Sampled [Blank]		Sample Location/Description Rm 4634, Hallway DRYWALL & Mud	
Sample ID VA-20		Date Sampled [Blank]		Sample Location/Description Rm 4634, RR Interior DRYWALL & Mud	
Sample ID VA-21		Date Sampled [Blank]		Sample Location/Description Rm 4634, 12x12 Tile & Mastic - BEISS	
Sample ID VA-22		Date Sampled 24 APR 13		Sample Location/Description Rm 4634, Cove Base Mastic	

Note: Please analyze Mastic only on all floor tile samples for samples indicated

121301843

Chain of Custody/Analysis Request Form

Project Name: West LA Project Address: VA Hospital L.A., CA.		Sampled By: Fred Larson Contact: David A. Christy (619) 571-3987		Laboratory: EMSL/S.D. City/State:			
Please Indicate Turn Around Time: 5 Day 3 Day 2 Day		24 Hours		Same Day			
Relinquished By: (sign/print) <i>Fred Larson</i>		Company W.E.S.T. LLC	Date/Time 4.24.13 / 6 PM	Received By: (sign/print) <i>[Signature]</i>	Date/Time 4/24/13		
Sample ID	Date Sampled	Sample Location/Description		Flow Rate	Start / Stop	Total Volume	Analysis Requested (PCM, PLM, TEM, Pb Air, Pb Bulk, Pb Wipe)
1 VA-23	24 APR 13	Rm 4627, CoveBase MASTIC			/	EA	PLM
2 VA-24		Rm 4627, RR INTERIOR DRYWALL & MUD			/		
3 VA-25		Rm 4627, 12X12 Tile & MASTIC			/		
4 VA-26		Rm 4627, EXTERIOR DRYWALL & MUD			/		
5 VA-27		Rm 4654, HALLWAY DRYWALL & MUD			/		
6 VA-28		Rm 4654, RR INTERIOR DRYWALL & MUD			/		
7 VA-29		Rm 4654, CoveBase MASTIC			/		
8 VA-30		Rm 4654, 12'X12" Tile & MASTIC			/		
9 VA-31		Rm 4640, CoveBase MASTIC			/		
10 VA-32		Rm 4640, HALLWAY DRYWALL & MUD			/		
11 VA-33	24 APR 13	Rm 4640, 12'X12" Tile & MASTIC			/	EA	PLM

Note: Please analyze Mastic only on all floor tile samples for samples indicated.

17/301843

Chain of Custody/Analysis Request Form

W E S T LLC 7966 Arjons Drive, #1110 San Diego, CA 92115 Tel: 858.271.1842 Tel: 858.271.1856		Project Name: WEST LA Project Address: VA Hospital L.A. CA		Sampled By: Fred Larson Contact: David A. Christy (619) 571-3987		Laboratory: EMSY S.D.	
Please Indicate Turn Around Time: 5 Day 3 Day 2 Day		Relinquished By: (sign/print) <i>[Signature]</i>		Received By: (sign/print) <i>[Signature]</i>		Date/Time	
Company W.E.S.T. LLC		Date/Time 4.24.13 6 PM		Date/Time 4/24/13 2:30 PM (W.E.)			

Sample ID	Date Sampled	Sample Location/Description	Flow Rate	Start / Stop	Total Volume	Analysis Requested (PCM, PLM, TEM, Pb Air, Pb Bulk, Pb Wipe)
1 VA-34	24 APR 13	Rm 4640, RR INTERIOR DRYWALL & Mud			EA	PLM
2 VA-35		Rm 4625, 2x2 ceiling Tile				
3 VA-36		Rm 4625, hallway DRYWALL & Mud				
4 VA-37		Rm 4625, RR INTERIOR DRYWALL & Mud				
5 VA-38		Rm 4625, Cove Base Mastic				
6 VA-39		4 WEST, Fireproof @ Double Column				
7 VA-40		4 west, Fireproof overpry @ cross-beam center				
8 VA-41		4 west, Fireproof, center Vertical Beam				
9 VA-42		4 west, Fireproof @ Side Brace				
10 VA-43		4 west, Fireproof @ Entry Door				
11 VA-44	24 APR 13	4 west, 4" Pipe wrap & Insulation			EA	PLM

Note: Please analyze Mastic only on all floor tile samples for samples indicated.



WESTERN ENVIRONMENTAL & SAFETY TECHNOLOGIES LLC

“an environmental consulting firm”

Attachment Two Lead Paint Inspection Report

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California • Arizona

Professional Environmental Consulting
and Training
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Working for a clean environment
2279 Eagle Glen Pkwy, Suite 112-206
Corona, CA 92883
(951) 245-3700 (800) 497-LEAD
Fax (951) 245-3753

April 30, 2013

Western Environmental & Safety Tech.
Mr. David Christy
7966 Arjons Drive, Suite 110
San Diego, California 92126

RE: Lead-based paint testing at the VA Hospital, 11301 Wilshire Boulevard, Los Angeles, California

Dear Mr. David Christy:

In accordance with your request and authorization, Allstate Services conducted lead-based paint testing at the VA Hospital, located at 11301 Wilshire Boulevard in Los Angeles, California on April 24, 2013. Please note that only selected areas were tested for lead-based paint at this time.

The on-site work was performed by Garrett J. Koury, ID #23633, and Steven J. Travers, California Certified Lead Inspector/Assessor #I-361 using an XRF Analyzer following all required protocols.

Lead-based paint was identified at the above-mentioned property. Please see the attached Positive XRF Summary Report for further details.

If you need any further assistance after reviewing your report, please do not hesitate to contact me. Allstate Services remains available to assist you in anyway possible.

Sincerely,

A handwritten signature in black ink that reads "Steven Travers". The signature is written in a cursive, flowing style.

Steven J. Travers
Director of Operations

Attachments: Positive XRF Summary Report, Detailed XRF Testing Results, Calibration Log, Inspector Certification Copy, 8552 Form

POSITIVE XRF SUMMARY REPORT

VA Hospital-11301 Wilshire Boulevard, Los Angeles, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm ²)	Results	Quantities For Entire Area	Comments
1	Interior	Room 4W Rafters	---	Rail	Metal	Rust	Poor	1.02	Positive	100 Ft ²	
2	Interior	Room 4W Rafters	---	Support	Metal	Rust	Poor	1.01	Positive	100 Ft ²	
7	Interior	Room 4W Rafters	C	Rail	Metal	Red	Fair	2.82	Positive	10 LF	
8	Interior	Room 4W Rafters	C	Rail	Metal	Red	Poor	2.57	Positive	10 LF	
9	Interior	Room 4W Rafters	C	Step	Metal	Red	Poor	7.01	Positive	2 Each	
11	Interior	Room 4W Rafters	A	Stair	Metal	Red	Intact	7.20	Positive	2 Each	
12	Interior	Room 4W Rafters	C	Stair	Metal	Red	Fair	2.60	Positive	2 Each	
**Quantity estimations of leaded materials are provided for budget considerations only.											

DETAILED XRF TESTING RESULTS

VA Hospital-11301 Wilshire Boulevard, Los Angeles, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm²)	Results	Quantities For Entire Area	Comments
1	Interior	Room 4W Rafters	---	Rail	Metal	Rust	Poor	1.02	Positive	100 Ft²	
2	Interior	Room 4W Rafters	---	Support	Metal	Rust	Poor	1.01	Positive	100 Ft²	
3	Interior	Room 4W Rafters	A	Door	Metal	Beige	Fair	0.28	Negative		
4	Interior	Room 4W Rafters	A	Door Frame	Metal	Beige	Fair	0.09	Negative		
5	Interior	Room 4W Rafters	C	Door	Wood	Beige	Poor	0.22	Negative		
6	Interior	Room 4W Rafters	C	Door Frame	Metal	Red	Poor	0.35	Negative		
7	Interior	Room 4W Rafters	C	Rail	Metal	Red	Fair	2.82	Positive	10 LF	
8	Interior	Room 4W Rafters	C	Rail	Metal	Red	Poor	2.57	Positive	10 LF	
9	Interior	Room 4W Rafters	C	Step	Metal	Red	Poor	7.01	Positive	2 Each	
10	Interior	Room 4W Rafters	A	Door	Metal	Blue	Intact	0.09	Negative		
11	Interior	Room 4W Rafters	A	Stair	Metal	Red	Intact	7.20	Positive	2 Each	
12	Interior	Room 4W Rafters	C	Stair	Metal	Red	Fair	2.60	Positive	2 Each	
13	Interior	Room 4624 (Bathroom)	A	Wall	Drywall	White	Intact	0.33	Negative		
14	Interior	Room 4624 (Bathroom)	B	Wall	Drywall	White	Intact	0.09	Negative		
15	Interior	Room 4624 (Bathroom)	C	Wall	Drywall	White	Intact	0.18	Negative		
16	Interior	Room 4624 (Bathroom)	D	Wall	Drywall	White	Intact	0.22	Negative		
17	Interior	Room 4624 (Bathroom)	B	Door	Wood	Blue	Intact	0.18	Negative		
18	Interior	Room 4624 (Bathroom)	B	Door Frame	Metal	Blue	Intact	0.24	Negative		
19	Interior	Room 4624 (Bathroom)	D	Wall	Ceramic Tile	Yellow	Intact	18.02	Positive	40 Ft²	Not a Painted Surface
20	Interior	Room 4625 (Bathroom)	A	Wall	Drywall	White	Intact	0.29	Negative		
21	Interior	Room 4625 (Bathroom)	B	Wall	Drywall	White	Intact	0.12	Negative		
22	Interior	Room 4625 (Bathroom)	C	Wall	Drywall	White	Intact	0.18	Negative		
23	Interior	Room 4625 (Bathroom)	D	Wall	Drywall	White	Intact	0.35	Negative		
24	Interior	Room 4625 (Bathroom)	D	Door	Wood	Blue	Intact	0.19	Negative		
25	Interior	Room 4625 (Bathroom)	D	Door Frame	Metal	White	Intact	0.34	Negative		
26	Interior	Room 4625 (Bathroom)	B	Wall	Ceramic Tile	Yellow	Intact	18.07	Positive	40 Ft²	Not a Painted Surface
27	Interior	Room 4625 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.45	Negative		
28	Interior	Room 4626 (Bathroom)	A	Wall	Drywall	White	Intact	0.38	Negative		
29	Interior	Room 4626 (Bathroom)	B	Wall	Drywall	White	Intact	0.20	Negative		
30	Interior	Room 4626 (Bathroom)	C	Wall	Drywall	White	Intact	0.42	Negative		
31	Interior	Room 4626 (Bathroom)	D	Wall	Drywall	White	Intact	0.10	Negative		
32	Interior	Room 4626 (Bathroom)	D	Door	Wood	Blue	Intact	0.22	Negative		
33	Interior	Room 4626 (Bathroom)	D	Door Frame	Metal	White	Intact	0.18	Negative		
34	Interior	Room 4626 (Bathroom)	B	Wall	Ceramic Tile	Yellow	Intact	18.36	Positive	40 Ft²	Not a Painted Surface
35	Interior	Room 4626 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.55	Negative		
36	Interior	Room 4627 (Bathroom)	A	Wall	Drywall	White	Intact	0.28	Negative		
37	Interior	Room 4627 (Bathroom)	B	Wall	Drywall	White	Intact	0.16	Negative		
38	Interior	Room 4627 (Bathroom)	C	Wall	Drywall	White	Intact	0.17	Negative		
39	Interior	Room 4627 (Bathroom)	D	Door	Wood	Blue	Intact	0.02	Negative		
40	Interior	Room 4627 (Bathroom)	D	Door Frame	Metal	White	Intact	0.19	Negative		
41	Interior	Room 4627 (Bathroom)	D	Wall	Ceramic Tile	Yellow	Intact	18.02	Positive	100 Ft²	Not a Painted Surface
42	Interior	Room 4627 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.54	Negative		
43	Interior	Room 4630 (Bathroom-Same as 4627)							Negative		

DETAILED XRF TESTING RESULTS

VA Hospital-11301 Wilshire Boulevard, Los Angeles, California

Sample	Area	Room Equivalent	Side Tested	Component	Substrate	Color	Condition	Lead (mg/cm²)	Results	Quantities For Entire Area	Comments
44	Interior	Room 4634 (Bathroom)	A	Wall	Drywall	White	Intact	0.22	Negative		
45	Interior	Room 4634 (Bathroom)	B	Wall	Drywall	White	Intact	0.45	Negative		
46	Interior	Room 4634 (Bathroom)	C	Wall	Drywall	White	Intact	0.28	Negative		
47	Interior	Room 4634 (Bathroom)	D	Wall	Ceramic Tile	Yellow	Intact	17.32	Positive	100 Ft²	Not a Painted Surface
48	Interior	Room 4634 (Bathroom)	B	Door	Wood	Blue	Intact	0.29	Negative		
49	Interior	Room 4634 (Bathroom)	B	Door Frame	Metal	White	Intact	0.11	Negative		
50	Interior	Room 4634 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.50	Negative		
51	Interior	Room 4637 (Bathroom-Combination with 4634)							Negative		
52	Interior	Room 4640 (Bathroom)	A	Wall	Drywall	White	Intact	0.34	Negative		
53	Interior	Room 4640 (Bathroom)	B	Wall	Drywall	White	Intact	0.28	Negative		
54	Interior	Room 4640 (Bathroom)	C	Wall	Drywall	White	Intact	0.12	Negative		
55	Interior	Room 4640 (Bathroom)	D	Wall	Ceramic Tile	Yellow	Intact	18.02	Positive	100 Ft²	Not a Painted Surface
56	Interior	Room 4640 (Bathroom)	B	Door	Wood	Blue	Intact	0.29	Negative		
57	Interior	Room 4640 (Bathroom)	B	Door Frame	Metal	White	Intact	0.34	Negative		
58	Interior	Room 4640 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.28	Negative		
59	Interior	Room 4643 (Bathroom-Combination with 4640)							Negative		
60	Interior	Room 4651 (Bathroom)	A	Wall	Drywall	White	Intact	0.22	Negative		
61	Interior	Room 4651 (Bathroom)	B	Wall	Drywall	White	Intact	0.35	Negative		
62	Interior	Room 4651 (Bathroom)	C	Wall	Drywall	White	Intact	0.29	Negative		
63	Interior	Room 4651 (Bathroom)	D	Wall	Drywall	White	Intact	0.20	Negative		
64	Interior	Room 4651 (Bathroom)	B	Door	Wood	Blue	Intact	0.19	Negative		
65	Interior	Room 4651 (Bathroom)	B	Door Frame	Metal	White	Intact	0.28	Negative		
66	Interior	Room 4651 (Bathroom)	A	Wall	Ceramic Tile	Yellow	Intact	17.27	Positive	40 Ft²	Not a Painted Surface
67	Interior	Room 4651 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.32	Negative		
68	Interior	Room 4653 (Bathroom)	A	Wall	Drywall	White	Intact	0.35	Negative		
69	Interior	Room 4653 (Bathroom)	B	Wall	Drywall	White	Intact	0.46	Negative		
70	Interior	Room 4653 (Bathroom)	C	Wall	Drywall	White	Intact	0.28	Negative		
71	Interior	Room 4653 (Bathroom)	D	Wall	Drywall	White	Intact	0.12	Negative		
72	Interior	Room 4653 (Bathroom)	B	Door	Wood	Blue	Intact	0.03	Negative		
73	Interior	Room 4653 (Bathroom)	B	Door Frame	Metal	White	Intact	0.19	Negative		
74	Interior	Room 4653 (Bathroom)	D	Wall	Ceramic Tile	Yellow	Intact	18.76	Positive	40 Ft²	Not a Painted Surface
75	Interior	Room 4653 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.48	Negative		
76	Interior	Room 4654 (Bathroom)	A	Wall	Drywall	White	Intact	0.10	Negative		
77	Interior	Room 4654 (Bathroom)	B	Wall	Drywall	White	Intact	0.28	Negative		
78	Interior	Room 4654 (Bathroom)	C	Wall	Drywall	White	Intact	0.42	Negative		
79	Interior	Room 4654 (Bathroom)	D	Wall	Drywall	White	Intact	0.36	Negative		
80	Interior	Room 4654 (Bathroom)	D	Door	Wood	Blue	Intact	0.02	Negative		
81	Interior	Room 4654 (Bathroom)	D	Door Frame	Metal	White	Intact	0.13	Negative		
82	Interior	Room 4654 (Bathroom)	B	Wall	Ceramic Tile	Yellow	Intact	17.82	Positive	40 Ft²	Not a Painted Surface
83	Interior	Room 4654 (Bathroom)	---	Floor	Ceramic Tile	Yellow	Intact	0.02	Negative		

ALLSTATE SERVICES
XRF CALIBRATION FORM

Address/Unit: VA Hospital, 11301 Wilshire Boulevard, Los Angeles, California

Device: KEY MASTER/MAP-4 M41448

Date: April 24, 2013

Inspector: Garret J. Koury/Steven J. Travers

Calibration Check Tolerance Used: 0.6 mg/cm² - 1.2 mg/cm² (Inclusive)
Use Level III (1.02 mg/cm²) NIST SRM Paint film

First Calibration Check

Time: 10:17 a.m.

1 st Reading	2 nd Reading	3 rd Reading	1 st Average
1.09	0.97	1.01	1.02

Second Calibration Check

Time: 1:00 p.m.

1 st Reading	2 nd Reading	3 rd Reading	2 nd Average
0.98	0.80	1.09	0.95

Third Calibration Check (If Needed)

Time: _____

1 st Reading	2 nd Reading	3 rd Reading	3 rd Average

- **Use the Test Mode Reading**
- **Tolerance Values for KEY MASTER/MAP-4: 0.6 mg/cm² - 1.2 mg/cm² (Inclusive)**

State of California Department of Public Health

Lead-Related
Construction
Certificate

Certificate
Type

Expiration
Date

Sampling Technician 05/14/2013



Garrett J. Koury

ID #: 23633

State of California Department of Public Health

Lead-Related
Construction
Certificate



<u>Certificate Type</u>	<u>Expiration Date</u>
Inspector/Assessor	08/06/2013
Supervisor	08/06/2013
Project Designer	08/06/2013
Project Monitor	08/06/2013


17074

Steven J. Travers ID #: 361

LEAD HAZARD EVALUATION REPORT**Section 1 — Date of Lead Hazard Evaluation** _____**Section 2 — Type of Lead Hazard Evaluation (Check one box only)**☐ Lead Inspection ☐ Risk assessment ☐ Clearance Inspection ☐ Other (specify) _____**Section 3 — Structure Where Lead Hazard Evaluation Was Conducted**

Address [number, street, apartment (if applicable)]		City	County	Zip Code
Construction date (year) of structure	Type of structure		Children living in structure?	
	<input type="checkbox"/> Multi-unit building	<input type="checkbox"/> School or daycare	<input type="checkbox"/> Yes	<input type="checkbox"/> No
	<input type="checkbox"/> Single family dwelling	<input type="checkbox"/> Other _____	<input type="checkbox"/> Don't Know	

Section 4 — Owner of Structure (if business/agency, list contact person)

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code

Section 5 — Results of Lead Hazard Evaluation (check all that apply)

☐ No lead-based paint detected ☐ Intact lead-based paint detected ☐ Deteriorated lead-based paint detected

☐ No lead hazards detected ☐ Lead-contaminated dust found ☐ Lead-contaminated soil found ☐ Other _____

Section 6 — Individual Conducting Lead Hazard Evaluation

Name		Telephone number	
Address [number, street, apartment (if applicable)]	City	State	Zip Code
CDPH certification number	Signature		Date

Name and CDPH certification number of any other individuals conducting sampling or testing (if applicable)

Section 7 — Attachments

- A. A foundation diagram or sketch of the structure indicating the specific locations of each lead hazard or presence of lead-based paint;
- B. Each testing method, device, and sampling procedure used;
- C. All data collected, including quality control data, laboratory results, including laboratory name, address, and phone number.

First copy and attachments retained by inspector

Second copy and attachments retained by owner

Third copy only (no attachments) mailed or faxed to:

California Department of Public Health
Childhood Lead Poisoning Prevention Branch Reports
850 Marina Bay Parkway, Building P, Third Floor
Richmond, CA 94804-6403
Fax: (510) 620-5656