

**APPENDIX G**  
**ASBESTOS SURVEY REPORT**



September 25, 2023

Mr. Nick Kreuter  
Stream Realty Partners  
3161 Michelson Drive, Suite 100  
Irvine, California 92612

**ASBESTOS SURVEY REPORT  
2101 AND 2109 EAST SANTA CLARA AVENUE  
SANTA ANA, CALIFORNIA 92705**

Dear Mr. Kreuter,

This report presents the results of an asbestos survey (AS) conducted at the address referenced above in the City of Santa Ana, California (Site). The AS was conducted at the Site on August 29<sup>th</sup>, 2023. It is our understanding your intentions call for the complete demolition of the structures at the Site in preparation for the development of a fast food establishment.

The AS was conducted by Mr. Troy Taylor, Certified Building Inspector (CBI) for HMC, while under the direct oversight of Mr. John V. Payne, Certified Asbestos Consultant (CAC# 93-1112; expiration July 16, 2024), from Crescent Bay Environmental (CBE), an affiliate of Hazard Management Consulting Inc. (HMC) for the purposes of training to become a CSST, see Appendix C for CBI and CAC information. The purpose of the AS was to identify potential asbestos containing materials (ACMs) in preparation for the aforementioned demolition project.

**1.0 DESCRIPTION OF THE SITE BUILDINGS**

The AS areas include materials observed at the structures and properties located at:

- 2101 East Santa Clara Avenue (~0.29-acres): House and detached garage – ~2668.6 square feet (ft<sup>2</sup>)
- 2109 East Santa Clara Avenue (~0.52-acres): House and detached garage – ~3,071.2 ft<sup>2</sup>

Based on Site observations and scope, suspect materials sampled and conditions are summarized in Table 1 and Table 2. There was no obvious fire or structural damage to the building observed. The AS areas were observed for residential use however were vacant at the time of the survey. All areas of the structures and properties were accessible during the survey.

## **2.0 OBJECTIVE**

The objective of the work summarized in this report was to assess the likelihood that asbestos is present in concentrations greater than one percent in accessible construction materials at the Site.

## **3.0 APPROACH AND SCOPE OF SERVICES**

The approach used to meet the objective included visual observation of accessible construction materials, the collection and analysis of bulk samples of accessible construction materials that were judged to potentially contain asbestos, evaluation of the data obtained, and preparation of this report.

The scope of services used to meet the objective included:

- An inspection of the Site buildings for suspected asbestos containing materials (ACMs) by a CBI and/or CAC.
- An assessment of the condition of sampled materials and identification of potential health hazards.
- Collection of accessible construction materials that were judged to potentially contain asbestos.
- Laboratory analyses of bulk samples (plus individual layers) by a National Voluntary Laboratory Accreditation Program (NVLAP)-approved laboratory using polarized light microscopy (PLM) in general accordance with U.S. Environmental Protection Agency (EPA) Method No. 600600/R-93/116 and EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples".
- Preparation of an asbestos summary table presenting the descriptions of materials sampled, sample collection locations, estimated area covered by ACMs, and laboratory analytical results.
- Data evaluation and preparation of this report summarizing the results of the survey.

## **4.0 GUIDELINES AND TERMINOLOGY FOR ASBESTOS CHARACTERIZATION**

The following section provides information pertaining to regulatory agency definitions of terms used to describe the sampling strategy, laboratory analysis, and survey observations.

#### **4.1 Asbestos Sampling Strategy**

This asbestos survey was performed in general accordance with standard procedures recommended by the Environmental Protection Agency (EPA, 1985 and 1987) for the performance of asbestos surveys.

The sampling strategy used to collect the samples in this survey was based on the EPA's publication, "Guidance for Controlling Asbestos-Containing Materials in Buildings" (EPA, 1985) and was based on the 1987 AHERA guidelines set forth in Title 40 of the Code of Federal Regulations (CFR) Part 763 and applicable appendices. These documents call for the sampling of friable materials, which are defined by the EPA as those materials that can be crumbled, pulverized, or reduced to powder by hand pressure when dry (EPA, 1985).

Nonfriable asbestos-containing materials (ACMs) can become friable when disturbed through work practices and handling of the material (EPA, 1987). Such work practices can include grinding, sanding, and handling of the material in an attempt to remove it. The EPA specifies that ACMs that are classified as friable, or that may become friable, are to be removed prior to demolition activities (EPA, 1990). According to the EPA (1985), nonfriable ACMs represent a minimal hazard to the occupants of a building, as long as the material is in a generally undamaged condition and is used for its intended purpose.

The National Emissions Standards for Hazardous Air Pollutants (NESHAPS) (Title 40 CFR Section 61) defines nonfriable ACMs as nonfriable material containing more than 1 percent asbestos by area or by weight and that can potentially be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities.

#### **4.2 Laboratory Information**

The bulk samples that were collected were transported to Envirocheck Laboratories with chain-of-custody records used to document their handling. Envirocheck Laboratories is a participant in the NVLAP of the U.S. Department of Commerce National Institute of Standards and Technology (NIST) for bulk asbestos analysis. The bulk samples collected were analyzed by the laboratory, using PLM, for the presence and quantification of asbestos, in general accordance with EPA Method No. 600/M4-82-020. A copy of the laboratory report and a copy of the chain-of-custody records for the samples collected and transferred to the laboratory are presented in Appendix B.

Laboratory Contact/NVLAP Information:

Laboratory Name: Envirocheck Laboratories

Laboratory Address: 2211 West Orangewood Avenue, Orange, CA 92868

Laboratory NVLAP Lab Code: 200548-0

Laboratory Phone Number: 714-937-0750 or 800-665-7586.

### ACM vs. ACCM

When a material is found to contain asbestos in a concentration of greater than 1 percent, it is defined by the EPA as an ACM (EPA, 1987). Section 25919 of the California Health and Safety Code defines an asbestos containing construction material (ACCM) as one that contains greater than 0.1 percent asbestos (California Health and Safety Code). The California Occupational Safety and Health Administration (Cal-OSHA) requires that worker/employee notification and training be implemented when a material contains greater than 0.1 percent asbestos in an area where workers/employees perform work (Cal-OSHA, 1989).

## **5.0 ASBESTOS SURVEY**

The AS was conducted at the Site on August 29<sup>th</sup>, 2023 by Mr. Troy Taylor, Certified Building Inspector (CBI) for HMC, under the direct supervision of John V. Payne, Certified Asbestos Consultant (CAC# 93-1112; expiration July 16, 2023), from Crescent Bay Environmental (CBE), an affiliate of Hazard Management Consulting Inc. (HMC) for the purposes of training to become a CSST. (See Appendix C for CBI and CAC information). Bulk samples of accessible construction materials judged by certified personnel to potentially contain asbestos were collected from the Site.

Bulk samples (plus additional layers) of accessible construction materials were collected from the noted materials at the Site. Descriptions of all sampled materials and materials assumed to contain asbestos are summarized in Table 1 and Table 2.

### **5.1 ASBESTOS CONTAINING MATERIALS (ACMs/ACCMs)**

The following summary table lists samples of materials that were reported by the laboratory to contain asbestos. The listed samples are grouped by material type. The “locations of material” column refers to materials throughout the buildings and elsewhere that were observed to be homogeneous with samples of materials reported to contain asbestos. Square footage estimates of asbestos containing materials are also presented.

2101 East Santa Clara Avenue Santa Ana, California 92705							
HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approx. Ft <sup>2</sup>	ACM %	1,000 Point Count %
A1-A5	1-30	8/29/23	House & Garage - Roof	White/black rolled roofing material, silver reflective roof coating, black hot mop, black roofing felt - Intact	2,200	Rolled Roofing Material 3%/ Reflective Roof Coating 3%/ Hot Mop ND/ Black Roofing Felt ND	*
A28-A32	53-57.2	8/29/23	Garage - Interior/Exterior Walls	Pink stucco, gray stucco, white stucco, black/brown moisture paper - Intact	1,200	Pink Stucco <1%/Gray Stucco <1%/White Stucco ND/Moisture Paper ND	Pink Stucco 0.2-0.6%/Gray Stucco 0.2-0.4%/White Stucco ND/Moisture Paper ND

Table Notes:  
 Chrysotile = Chrysotile asbestos. ND= non-detect for asbestos.  
 All other samples were reported to be non-detect for asbestos.  
 Table 1 and Figure 2 present descriptions of the materials sampled, ACM locations, and a summary of laboratory analytical results. Laboratory reports and chain-of-custody documents are presented in Appendix A.  
 \* = Not Analyzed

2109 East Santa Clara Avenue Santa Ana, California 92705							
HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approx. Ft <sup>2</sup>	ACM %	1,000 Point Count %
AA9-AA13	9-13.2	8/29/23	House & Garage - Exterior Walls	Pink stucco/ grey concrete - Intact	2,000	Stucco <1%/ Concrete ND	Stucco <1%/ Concrete ND
AA17-AA21	20-24.2	8/29/23	House - Interior Walls	Pink plaster/light-grey plaster/white plaster/white drywall - Intact	2,500	Pink plaster <1%/ light grey plaster ND/white plaster <1%/drywall ND	Pink plaster <.01-0.5%/ light grey plaster ND/white plaster 0.1-0.2%/drywall ND
AA31-AA33	34-36.3	8/29/23	Kitchen Walls	Off-white wallpaper/white plaster/light-gray plaster/yellow adhesive - Intact	550	Wallpaper ND/white plaster <1%/light-gray plaster ND/adhesive ND	Wallpaper ND/white plaster 0.2-0.4%/light-gray plaster ND/adhesive ND
AA37-AA39	40-42.2	8/29/23	Kitchen Floor	Light-gray, tan sheet flooring/orange, off-white sheet flooring/ yellow adhesive - Intact	300	Light-gray, tan sheet flooring 14%/orange, off-white sheet flooring ND/ yellow adhesive ND	*
AA46-AA48	55-60.5	8/29/23	Bathroom - Main Hall	White sheet flooring/ yellow sheet flooring adhesive/off-white vinyl sheet flooring/grey leveling compound/ yellow vinyl sheet adhesive/black, green vinyl sheet flooring/brown vinyl sheet adhesive - Intact	100	White sheet flooring ND/ yellow sheet flooring adhesive ND/off-white vinyl sheet flooring 15%/grey leveling compound ND/ yellow vinyl sheet adhesive ND/black, green vinyl sheet flooring ND/brown vinyl sheet adhesive ND	*

AA58-AA60	73-75	8/29/23	Laundry Room Closet	Beige, red sheet flooring - Intact	20	Sheet flooring 15%	*
AA61-AA63	76-78	8/29/23	Laundry Room Water Heater	Beige, brown sheet flooring - Intact	20	Sheet flooring 10%	*
AA64-AA66	79-81.1	8/29/23	Pool	Grey concrete/ white stucco - Intact	600	Concrete <1%/ Stucco ND	Concrete <0.1%/ Stucco ND
AA70	85-87	8/29/23	Exposed Pipe - Front Yard	Gray cementitious pipe - Damaged	30 (exposed)	Pipe 34-36%	*
<p>Table Notes:  ND= non-detect for asbestos.  All other samples were reported to be non-detect for asbestos.  Table 1 and Table 2 present descriptions of the materials sampled, ACM locations, and a summary of laboratory analytical results. Laboratory reports and chain-of-custody documents are presented in Appendix A.  * = Not Analyzed</p>							

## 6.0 CONCLUSIONS

Based on the information obtained during this survey, laboratory analytical results, current regulatory guidelines and law, state-of-the-industry practices, and our professional judgment, the following conclusions have been drawn:

- Positive ACMs and ACCMs have been identified and the Site.

## 7.0 RECOMMENDATIONS

Based on the information obtained during this survey, current regulatory guidelines, state-of-the-industry practices, and our professional judgment, the following recommendations are presented for your consideration:

- Prior to renovation or demolition of the identified asbestos containing flooring materials at the Site, NESHAPS, Title 40 Code of Federal Regulations Part 61 and other regulations including Rule 1403 promulgated by the South Coast Air Quality Management District require that both friable and various nonfriable ACMs and ACCMs be removed from the structures at the Site by a licensed abatement contractor registered in the State of California and certified to perform asbestos-related activities.
- ACMs and ACCMs should be removed by a qualified asbestos abatement contractor prior to



conducting any work that may disturb this material including maintenance activities, building renovation, or demolition.

- Given the intact, non-friable conditions of positively identified ACM (Section 5.1), an asbestos abatement project would be required to be conducted under a South Coast Air Quality Management District Procedure 3 notice with the exception of the damage pipe located at the 2109 East Santa Clara Avenue address. Due to its classification as a subterranean pipe, as well as damaged condition, this material will need to be abated under a Procedure 5 notice. It should be noted that this pipe is believed to be located within in an easement that travels approximately 182 feet from at least the northern property line to the southern property line, depicted in Figure 2.
- If additional materials are discovered during remodeling or demolition of the building(s) and laboratory analysis of samples of those materials was not performed, samples should be collected and analyzed prior to removal or disturbance of the materials.
- Applicable laws and regulations should be followed, including those provisions requiring notification of tenants, employees, maintenance and custodial personnel, and outside contractors who may contact the asbestos-containing materials, of the location of these materials.

The above recommendations are intended to provide guidance in implementing procedures which, in our experience, are appropriate within the regulatory environment in California. These recommendations are not intended to constitute legal advice; it is possible that legal counsel familiar with asbestos law would provide recommendations that would differ from those cited above and/or would advise compliance with regulations, guidelines, and laws not cited herein.

## **8.0 LIMITATIONS**

Estimates of the quantities of construction materials present at the Site are provided for discussion purposes only. No warranty as to the accuracy of the estimates of materials provided is expressed or implied. The estimates provided in this report should not be relied upon or used in the preparation of asbestos abatement specifications.

The judgments, conclusions, and recommendations described in this report pertain to the conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein. Use of this report is provided to our client solely for their exclusive use and the use and shall be subject to the terms and conditions in the applicable contract between our company and the client. Any third-party use shall also be subject to the terms and conditions governing the work in the

contract between our and the client. Any unauthorized release or misuse of this report shall be without risk or liability to our company.

Certain information contained in this report may have been rightfully provided to our company by third parties or other outside sources. We do not make any warranties or representations, whether expressed or implied, regarding the accuracy of such information, and shall not be held accountable or responsible if any such inaccuracies are present.

**Although the asbestos survey was conducted by a Certified Building Inspector, Certified Asbestos Consultant, and an accredited laboratory performed the analyses, the asbestos survey described here may not identify all ACMs at the Site.** Possible reasons for this include inaccessible building features or areas, non-performance of destructive sampling, unavailability of as-built drawings (specifying all building materials used in the structure), practical limitation to the number of samples that can be collected, presence of multiple layers of materials, and the analytical method used (Polarized Light Microscopy). Further, although a sample will be collected from each material which appears to be different (based on texture and color); homogeneity of content of similar materials cannot be guaranteed since similarities in color and texture do not assure that the same ingredients were used in their manufacture. It is possible that of two apparently similar materials, one may contain asbestos, and one may not. Therefore, additional sampling and testing may be necessary to provide a higher confidence level regarding the presence of ACMs.

Sincerely,



John V. Payne  
Certified Asbestos Consultant  
Certification Number: 93-1112



Mark Cousineau  
Principal



Troy Taylor  
Certified Building Inspector  
Certificate No. ABII0221220005N30743

**Attachments**

Table 1 – Asbestos Survey Results Summary  
Figure 1 – Site Location Map

Asbestos Survey  
2101 & 2109 E. Santa Clara Ave.  
Santa Ana, CA

Figure 2 – Site Map  
Appendix A – Laboratory Analytical Reports and Chain of Custody Records  
Appendix B – CBI/CAC Information

## REFERENCES

California Health and Safety Code, Division 20, Chapter 10.4, Section 25919.

Cal-OSHA (California Occupational Safety and Health Administration), 1989, General Industry Safety Orders: Title 8, Section 5208.

EPA (Environmental Protection Agency), 1990, Federal Register, National Emission Standards for Hazardous Air Pollutants, Asbestos NESHAP Revision, Final Rule: EPA, Title 40, Code of Federal Regulations Part 61, 20 November 1990, pp. 48406 to 48433.

\_\_\_\_\_, 1987, Federal Register, Asbestos Hazard Emergency Response Act, Asbestos-containing materials in schools, final rule (AHERA) and notice: Environmental Protection Agency, Title 40, Code of Federal Regulations Part 763, 30 October 1987, pp 41826 to 41905.

\_\_\_\_\_, 1985, Guidance for controlling asbestos-containing materials in buildings: Office of Pesticides and toxic Substances, Environmental Protection Agency, Publication Number 560/5/85-024, May 1985.

## **TABLES**

**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2109 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA1	1-5.2	8/29/23	House & Garage - Roof	Black, red rolled roofing material/ black hot map tar/ black roofing felt - Intact	2,500	ND	*
AA2		8/29/23					
AA3		8/29/23					
AA4		8/29/23					
AA5		8/29/23					
AA6	6-8.1	8/29/23	East Awning	Black & white rolled roofing material/ black roofing felt - Intact	250	ND	*
AA7		8/29/23					
AA8		8/29/23					
AA9	9-13.2	8/29/23	House & Garage - Exterior Walls	Pink stucco/ grey concrete - Intact	2,000	Stucco <1%/ Concrete ND	Stucco <1%/ Concrete ND
AA10		8/29/23					
AA11		8/29/23					
AA12		8/29/23					
AA13		8/29/23					

**ACM Definitions**

**ACM**

**≥1%**

**≥1%**

**ACCM**

**NA**

**0.1%-0.9%**

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

ND - no detectable concentrations above the laboratory reporting limit

NA - Not Applicable

\* - Not Analyzed

Yellow highlight indicates positive detection of ACM and/or ACCM

**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2109 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA14	14-19	8/29/23	House - Exterior/Interior	Red brick/grey mortar - Intact	750	ND	*
AA15		8/29/23					
AA16		8/29/23					
AA17	20-24.2	8/29/23	House - Interior Walls	Pink plaster/light-grey plaster/white plaster/white drywall - Intact	2,500	Pink plaster <1%/ light grey plaster ND/white plaster <1%/drywall ND	Pink plaster <.01-0.5%/ light grey plaster ND/white plaster 0.1-0.2%/drywall ND
AA18		8/29/23					
AA19		8/29/23					
AA20		8/29/23					
AA21		8/29/23					
AA22	25-27	8/29/23	Master Bathroom	Cream Wallpaper - Floral - Intact	300	ND	*
AA23		8/29/23					
AA24		8/29/23					
AA25	28-30	8/29/23	Family Room	Cream Wallpaper - Bamboo - Intact	400	ND	*
AA26		8/29/23					
AA27		8/29/23					

**ACM Definitions**

<b>ACM</b>	≥1%	≥1%
<b>ACCM</b>	NA	0.1%-0.9%

**Notes:**

Sample Description - Description of materials and layers  
 Sample Location - Location of material(s) sampled  
 ACM - Asbestos containing material by EPA Method No. 600/M4-82-020  
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**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2109 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA28	31-33	8/29/23	Main Hallway Walls	Cream, white wallpaper - Blue Diamond Pattern - Intact	700	ND	*
AA29		8/29/23					
AA30		8/29/23					
AA31	34-36.3	8/29/23	Kitchen Walls	Off-white wallpaper/white plaster/light-gray plaster/yellow adhesive - Intact	550	Wallpaper ND/white plaster <1%/light-gray plaster ND/adhesive ND	Wallpaper ND/white plaster 0.2-0.4%/light-gray plaster ND/adhesive ND
AA32		8/29/23					
AA33		8/29/23					
AA34	37-39	8/29/23	Laundry Room & Attached Bathroom	Off-white wallpaper Intact	250	ND	*
AA35		8/29/23					
AA36		8/29/23					
AA37	40-42.2	8/29/23	Kitchen Floor	Light-gray, tan sheet flooring/orange, off-white sheet flooring/ yellow adhesive - Intact	300	Light-gray, tan sheet flooring 14%/orange, off-white sheet flooring ND/ yellow adhesive ND	*
AA38		8/29/23					
AA39		8/29/23					

**ACM Definitions**

<b>ACM</b>	≥1%	≥1%
<b>ACCM</b>	NA	0.1%-0.9%

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

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Yellow highlight indicates positive detection of ACM and/or ACCM



**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2109 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA40	43-48	8/29/23	Bathroom - Laundry Room	Off-white sheet flooring/yellow adhesive - Intact	150	ND	*
AA41		8/29/23					
AA42		8/29/23					
AA43	49-54	8/29/23	Foyer Closets & Hallway Water Heater	Brown, beige sheet flooring/brown adhesive - Damaged	200	ND	*
AA44		8/29/23					
AA45		8/29/23					
AA46	55-60.5	8/29/23	Bathroom - Main Hall	White sheet flooring/ yellow sheet flooring adhesive/off-white vinyl sheet flooring/grey leveling compound/ yellow vinyl sheet adhesive/black, green vinyl sheet flooring/brown vinyl sheet adhesive - Intact	100	White sheet flooring ND/ yellow sheet flooring adhesive ND/off-white vinyl sheet flooring 15%/grey leveling compound ND/ yellow vinyl sheet adhesive ND/black, green vinyl sheet flooring ND/brown vinyl sheet adhesive ND	*
AA47		8/29/23					
AA48		8/29/23					
AA49	61-66	8/29/23	Foyer Floor	Red clay tile/gray mortar - Intact	120	ND	*
AA50		8/29/23					
AA51		8/29/23					

**ACM Definitions**

<b>ACM</b>	<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>	<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers  
 Sample Location - Location of material(s) sampled  
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**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

2109 East Santa Clara Avenue Santa Ana, California 92705

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA52	67-69.2	8/29/23	Living Room & Hallway	Loose thread light-grey carpet/black, green, red, yellow foam/off-white adhesive - Intact	400	ND	*
AA53		8/29/23					
AA54		8/29/23					
AA55	70-72.2	8/29/23	Family Room	Tight thread light-grey carpet/black, green, red, yellow foam/off-white adhesive - Intact	300	ND	*
AA56		8/29/23					
AA57		8/29/23					
AA58	73-75	8/29/23	Laundry Room Closet	Beige, red sheet flooring - Intact	20	Sheet flooring 15%	*
AA59		8/29/23					
AA60		8/29/23					
AA61	76-78	8/29/23	Laundry Room Water Heater	Beige, brown sheet flooring - Intact	20	Sheet flooring 10%	*
AA62		8/29/23					
AA63		8/29/23					

**ACM Definitions**

<b>ACM</b>	<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>	<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers  
 Sample Location - Location of material(s) sampled  
 ACM - Asbestos containing material by EPA Method No. 600/M4-82-020  
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 Yellow highlight indicates positive detection of ACM and/or ACCM

**TABLE 1 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

2109 East Santa Clara Avenue Santa Ana, California 92705

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
AA64	79-81.1	8/29/23	Pool	Grey concrete/ white stucco - Intact	600	Concrete <1%/ Stucco ND	Concrete <0.1%/ Stucco ND
AA65		8/29/23					
AA66		8/29/23					
AA67	82-84	8/29/23	AC Duct Insulation - Foyer closet/ Inside walls	Yellow insulation - Intact	300	ND	*
AA68		8/29/23					
AA69		8/29/23					
AA70	85-87	8/29/23	Exposed Pipe - Front Yard	Gray cementitious pipe - Damaged	30 (exposed)	Pipe 34-36%	*
AA71		8/29/23					
AA72		8/29/23					

**ACM Definitions**

<b>ACM</b>	<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>	<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

ND - no detectable concentrations above the laboratory reporting limit

NA - Not Applicable

\* - Not Analyzed

Yellow highlight indicates positive detection of ACM and/or ACCM

**TABLE 2 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2101 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM %	1,000 Point Count
A1	1-30	8/29/23	House & Garage - Roof	White/black rolled roofing material, silver reflective roof coating, black hot mop, black roofing felt - Intact	2,200	Rolled Roofing Material 3%/ Reflective Roof Coating 3%/ Hot Mop ND/ Black Roofing Felt ND	*
A2		8/29/23					
A3		8/29/23					
A4		8/29/23					
A5		8/29/23					
A6	31-33	8/29/23	House - Awnings	Red clay shingle - Intact	544	ND	*
A7		8/29/23					
A8		8/29/23					
A9	34-36	8/29/23	Chimney	Beige/Tan Brick - Intact	150	ND	*
A10		8/29/23					
A11		8/29/23					
A12	37-39.3	8/29/23	West Room	Tan texture, off-shite plaster, light gray plaster, red plaster - Intact	500	ND	*
A13		8/29/23					
A14		8/30/23					
<b>ACM Definitions</b>							
<b>ACM</b>						<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>						<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

ND - no detectable concentrations above the laboratory reporting limit

NA - Not Applicable

\* - Not Analyzed

Yellow highlight indicates positive detection of ACM and/or ACCM

**TABLE 2 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2101 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM %	1,000 Point Count
A15	40-46.2	8/29/23	House - Interior/Exterior Walls	White stucco, gray stucco, white plaster, light gray , plaster, white texture, tan stucco , off-white stucco, beige adhesive - Intact	4,000	ND	*
A16							
A17							
A18							
A19							
A20							
A21							
A22	47-49	8/29/23	Basement - AC Unit	Yellow Insulation - Intact	200	ND	*
A23							
A24							
A25	50-52	8/29/23	Basment & Crawlspace - AC Ducting	Pink Insultation - Intact	600	ND	*
A26							
A27							

**ACM Definitions**

<b>ACM</b>	<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>	<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

ND - no detectable concentrations above the laboratory reporting limit

NA - Not Applicable

\* - Not Analyzed

Yellow highlight indicates positive detection of ACM and/or ACCM

**TABLE 2 - LABORATORY RESULTS OF ASBESTOS BULK SAMPLING**

**2101 East Santa Clara Avenue Santa Ana, California 92705**

HMC Sample ID	Lab Sample ID	Date Sampled	Sample Location	Sample Description	Approximate Square Footage	ACM % (PLM)	1,000 Point Count
A28	53-57.2	8/29/23	Garage - Interior/Exterior Walls	Pink stucco, gray stucco, white stucco, black/brown moisture paper - Intact	1,200	Pink Stucco <1%/Gray Stucco <1%/White Stucco ND/Moisture Paper ND	Pink Stucco 0.2-0.6%/Gray Stucco 0.2-0.4%/White Stucco ND/Moisture Paper Paper ND
A29		8/29/23					
A30		8/29/23					
A31		8/29/23					
A32		8/29/23					
A33	58-60	8/29/23	Garage - Interior Dividing Wall	White drywall - Intact	100	ND	*
A34		8/29/23					
A35		8/29/23					

**ACM Definitions**

<b>ACM</b>	<b>≥1%</b>	<b>≥1%</b>
<b>ACCM</b>	<b>NA</b>	<b>0.1%-0.9%</b>

**Notes:**

Sample Description - Description of materials and layers

Sample Location - Location of material(s) sampled

ACM - Asbestos containing material by EPA Method No. 600/M4-82-020

ACCM - Asbestos Containing Construction Material

1,000 Point Count - Bulk sample analysis for asbestos concentration by EPA 600/R-93/116

% - Percent of asbestos containing material detected

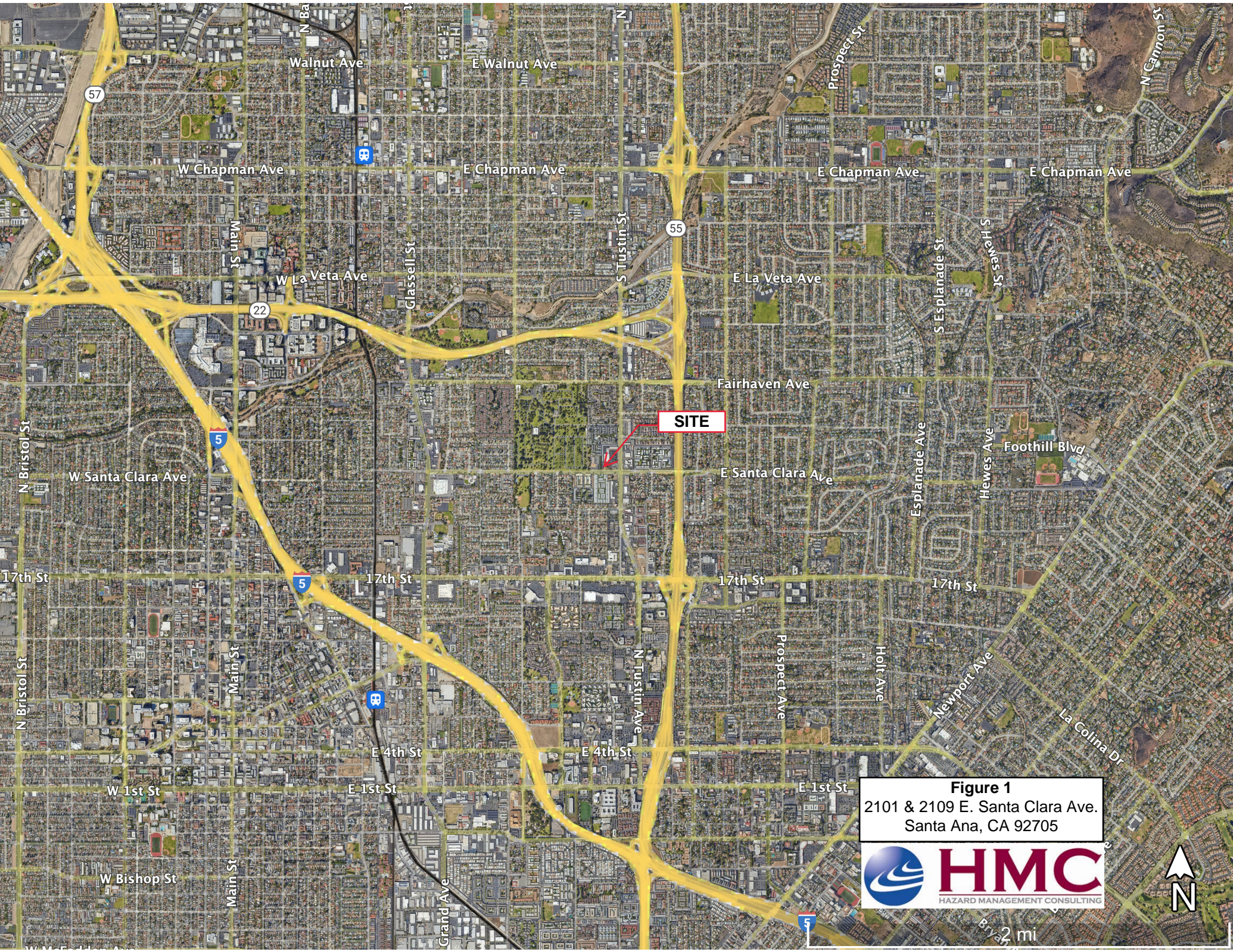
ND - no detectable concentrations above the laboratory reporting limit

NA - Not Applicable

\* - Not Analyzed

Yellow highlight indicates positive detection of ACM and/or ACCM

## FIGURES



**Figure 1**  
2101 & 2109 E. Santa Clara Ave.  
Santa Ana, CA 92705



2 mi





2101 Garage

Pool

2109

2109 Garage

2101

Pipe Line Easement

**Figure 2**  
2101 & 2109 E. Santa Clara Ave.  
Santa Ana, CA 92705



100 ft

**APPENDIX A**

**LABORATORY ANALYTICAL REPORTS  
AND CHAIN OF CUSTODY RECORDS**



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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 1 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083165	1123083166	1123083167	1123083168	1123083169	1123083170	1123083171	1123083172	1123083173	1123083174
Sample #	1	2	3	4	5	6	7	8	9	10
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
2° Type  
3° Type

Location	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof
----------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

Material	Rolled Roofing Material	Reflective Roof Coating	Hot Mop Tar	Rolled Roofing Material	Hot Mop Tar	Rolled Roofing Material	Hot Mop Tar	Roofing Felt	Rolled Roofing Material	Reflective Roof Coating
----------	-------------------------	-------------------------	-------------	-------------------------	-------------	-------------------------	-------------	--------------	-------------------------	-------------------------

Notes	A1	A1	A1	A1	A1	A1	A1	A1	A2	A2
Color	Black	Silver	Black	Black	Black	Black	Black	Black	Black	Silver
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x		x	x	x	x	x	x	x	
Cellulose	2%		<1%	1%		1%	<1%	60%	1%	<1%
Fiberglass	15%			10%		10%			15%	
Synthetic Fibers								5%		
Other 1										
Other 2										

Comments/Method	None	None	None	None	None	None	None	None	None	None
Departures										

Received: 8/30/2023 Analyzed: 8/31/2023 Report Date: 09/05/2023

Analysts: *Erasmus Lopez* *Arturo Valdez* *Javier Osorio* Admin QC: MG  
Erasmus Lopez Arturo Valdez Javier Osorio Lab QC: EE

Point Count: *Erasmus Lopez* Point Count: 09/05/2023  
Erasmus Lopez Lab QC: EE

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

\*\*\*Various sample locations combined for composite purposes. \*\*\*Not covered by NVLAP accreditation. Standard Deviation is ± 1.5% for mean concentrations of 2-10% asbestos and ± 6.7% for mean concentrations of >10% asbestos (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 2 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083175	1123083176	1123083177	1123083178	1123083179	1123083180	1123083181	1123083182	1123083183	1123083184
Sample #	11	12	13	14	15	16	17	18	19	20
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
2° Type  
3° Type

Location	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof
----------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------	-----------------------

Material	Hot Mop Tar	Roofing Felt	Rolled Roofing Material	Reflective Roof Coating	Hot Mop Tar	Rolled Roofing Material	Hot Mop Tar	Rolled Roofing Material	Hot Mop Tar	Roofing Felt
----------	-------------	--------------	-------------------------	-------------------------	-------------	-------------------------	-------------	-------------------------	-------------	--------------

Notes	A2	A2	A3	A3	A3	A3	A3	A3	A3	A3
Color	Black	Black	Black	Silver	Black	Black	Black	Black	Black	Black
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x	x	x		x	x	x	x	x	x
Cellulose	<1%	60%	1%	<1%	1%	1%		1%	<1%	55%
Fiberglass			15%			10%		10%		
Synthetic Fibers		5%								5%
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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**Asbestos Laboratory Report, Page 3 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083185	1123083186	1123083187	1123083188	1123083189	1123083190	1123083191	1123083192	1123083193	1123083194
Sample #	21	22	23	24	25	26	27	28	29	30
Point Count										
Asbestos	No	No	No	No	No	No	Yes	Yes	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	3%	3%	N.D.	N.D.
1° Type							3% Chrysotile	3% Chrysotile		
2° Type										
3° Type										
Location	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof
Material	Rolled Roofing Material	Hot Mop Tar	Roofing Felt	Rolled Roofing Material	Hot Mop Tar	Roofing Felt	Reflective Roof Coating	Rolled Roofing Material	Hot Mop Tar	Roofing Felt
Notes	A4	A4	A4	A4	A4	A4	A5	A5	A5	A5
Color	White, Black	Black	Black	Beige, Black	Black	Black, Brown	Silver, Black	Beige, Black	Black	Black
Homogeneous	No	Yes	No	No	Yes	No	No	No	Yes	No
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x	x	x	x	x	x	x	x	x	x
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										
Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

\*\*Various sample locations combined for composite purposes. \*\*\*Not covered by NVLAP accreditation. Standard Deviation is ± 1.5% for mean concentrations of 2-10% asbestos and ± 6.7% for mean concentrations of >10% asbestos (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 4 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083195	1123083196	1123083197	1123083198	1123083199	1123083200	1123083201	1123083201 Sub-sample	1123083201 Sub-sample	1123083201 Sub-sample
Sample #	31	32	33	34	35	36	37	37.1	37.2	37.3
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
 2° Type  
 3° Type

Location	House - Awning	House - Awning	House - Awning	Chimney	Chimney	Chimney	West Room	West Room	West Room	West Room
----------	----------------	----------------	----------------	---------	---------	---------	-----------	-----------	-----------	-----------

Material	Clay Shingle	Clay Shingle	Clay Shingle	Brick	Brick	Brick	Texture	Plaster	Plaster	Plaster
----------	--------------	--------------	--------------	-------	-------	-------	---------	---------	---------	---------

Notes	A6	A7	A8	A9	A10	A11	A12	A12	A12	A12
Color	Red	Red	Red	Beige, Tan	Beige, Tan	Beige, Tan	Tan	Off-White	Light-Gray	Red
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint							x			
Tar										
Cellulose									<1%	
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

\*\*Various sample locations combined for composite purposes. \*\*\*Not covered by NVLAP accreditation. Standard Deviation is ± 1.5% for mean concentrations of 2-10% asbestos and ± 6.7% for mean concentrations of >10% asbestos (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 5 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083202	1123083202 Sub-sample	1123083202 Sub-sample	1123083202 Sub-sample	1123083203	1123083203 Sub-sample	1123083203 Sub-sample	1123083203 Sub-sample	1123083204	1123083205
Sample #	38	38.1	38.2	38.3	39	39.1	39.2	39.3	40	40.1
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
2° Type  
3° Type

Location	West Room	West Room	West Room	West Room	West Room	West Room	West Room	West Room	West Room	Interior/Exterior Walls	Interior/Exterior Walls
----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-----------	-------------------------	-------------------------

Material	Texture	Plaster	Plaster	Plaster	Texture	Plaster	Plaster	Plaster	Stucco	Stucco
----------	---------	---------	---------	---------	---------	---------	---------	---------	--------	--------

Notes	A13	A13	A13	A13	A14	A14	A14	A14	A15	A15
Color	Tan	Off-White	Light-Gray	Red	Tan	Off-White	Light-Gray	Red	White	Gray
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x				x				x	
Tar										
Cellulose			<1%				<1%			
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 6 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083205	1123083205 Sub-sample	1123083205 Sub-sample	1123083206	1123083206 Sub-sample	1123083206 Sub-sample	1123083206 Sub-sample	1123083207	1123083207 Sub-sample	1123083207 Sub-sample
Sample #	41	41.1	41.2	42	42.1	42.2	42.3	43	43.1	43.2
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
 2° Type  
 3° Type

Location	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls
----------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------

Material	Plaster	Plaster	Texture	Stucco	Stucco	Stucco	Stucco	Stucco	Stucco	Stucco
----------	---------	---------	---------	--------	--------	--------	--------	--------	--------	--------

Notes	A16	A16	A16	A17	A17	A17	A17	A18	A18	A18
Color	White	Light Gray	White	White	Off-White	Tan	Light Gray	White	Tan	Light Gray
Homogeneous	No	No	No	No	No	No	No	No	No	No

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x		x	x	x	x		x	x	
Tar										
Cellulose	1%	3%	1%	1%	<1%	1%	2%	1%	<1%	1%
Fiberglass										
Synthetic Fibers										
Other 1		Paper	Twine							
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 7 of 9**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083208	1123083208 Sub-sample	1123083208 Sub-sample	1123083209	1123083210	1123083210 Sub-sample	1123083210 Sub-sample	1123083211	1123083212	1123083213
Sample #	44	44.1	44.2	45	46	46.1	46.2	47	48	49
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type  
2° Type  
3° Type

Location	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Interior/Exterior Walls	Basement	Basement	Basement
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Material	Plaster	Plaster	Adhesive	Plaster	Stucco	Stucco	Stucco	Insulation	Insulation	Insulation
----------	---------	---------	----------	---------	--------	--------	--------	------------	------------	------------

Notes	A19	A19	A19	A20	A21	A21	A21	A22	A23	A24
Color	White	Light Gray	Beige	Light Gray	Beige	Tan	Light Gray	Yellow	Yellow	Yellow
Homogeneous	No	No	No	Yes	No	No	No	Yes	Yes	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint			x	x	x					
Tar										
Cellulose	1%	1%	2%	2%	<1%	1%	1%	2%	1%	1%
Fiberglass								95%	99%	99%
Synthetic Fibers										
Other 1			Twine							
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

\*\*Various sample locations combined for composite purposes. \*\*\*Not covered by NVLAP accreditation. Standard Deviation is ± 1.5% for mean concentrations of 2-10% asbestos and ± 6.7% for mean concentrations of >10% asbestos (1 Standard Deviation).



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 Orange, CA 92868  
 Tel: (714) 937-0750  
 Fax: (714) 937-0755  
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Asbestos Laboratory Report, Page 8 of 9

California Water Boards ELAP Certificate 2723

Amended Report: Original Release 08/31/2023

Reason: 1000-Point Count

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083214	1123083215	1123083216	1123083217	1123083217 Sub-sample	1123083217 Sub-sample	1123083218	1123083218 Sub-sample	1123083218 Sub-sample	1123083218 Sub-sample
Sample #	50	51	52	53	53.1	53.2	54	54.1	54.2	54.3
Point Count				0.6%			0.3%	0.2%		
Asbestos	No	No	No	Yes	No	No	Yes	Yes	No	No
Total	N.D.	N.D.	N.D.	<1%	N.D.	N.D.	<1%	<1%	N.D.	N.D.
1° Type				<1%			<1%	<1%		
2° Type				Chrysotile			Chrysotile	Chrysotile		
3° Type										
Location	Basement/Crawlspace	Basement/Crawlspace	Basement/Crawlspace	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall
Material	Insulation	Insulation	Insulation	Stucco	Stucco	Moisture Barrier Paper	Stucco	Stucco	Stucco	Moisture Barrier Paper
Notes	A25	A26	A27	A28	A28	A28	A29	A29	A29	A29
Color	Pink	Pink	Pink	Pink	Gray	Black	Pink	Gray	White	Black
Homogeneous	Yes	No	No	No	No	Yes	No	No	No	Yes
Components:										
Non-fibrous Material	x			x	x	x	x	x	x	x
Paint				x			x		x	
Tar										
Cellulose	3%									
Fiberglass	95%									
Synthetic Fibers										
Other 1										
Other 2										
Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

\*\*Various sample locations combined for composite purposes. \*\*\*Not covered by NVLAP accreditation. Standard Deviation is ± 1.5% for mean concentrations of 2-10% asbestos and ± 6.7% for mean concentrations of >10% asbestos (1 Standard Deviation).



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NVLAP Lab Code: 200548-0

### Asbestos Laboratory Report, Page 9 of 9

California Water Boards ELAP Certificate 2723

### Amended Report: Original Release 08/31/2023

Reason: 1000-Point Count

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2101 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083219	1123083219 Sub-sample	1123083220	1123083220 Sub-sample	1123083221	1123083221 Sub-sample	1123083221 Sub-sample	1123083222	1123083223	1123083224
Sample #	55	55.1	56	56.1	57	57.1	57.2	58	59	60
Point Count	0.3%	0.2%	0.2%	0.2%	0.5%	0.4%				
Asbestos	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No
Total	<1%	<1%	<1%	<1%	<1%	<1%	N.D.	N.D.	N.D.	N.D.
1° Type	<1%	<1%	<1%	<1%	<1%	<1%				
2° Type	Chrysotile	Chrysotile	Chrysotile	Chrysotile	Chrysotile	Chrysotile				
3° Type										
Location	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage - Interior/Exterior Wall	Garage	Garage	Garage
Material	Stucco	Stucco	Stucco	Stucco	Stucco	Stucco	Moisture Barrier Paper	Drywall	Drywall	Drywall
Notes	A30	A30	A31	A31	A32	A32	A32	A33	A34	A35
Color	Pink	Gray	Pink	Gray	Pink	Gray	Brown	White	White	White
Homogeneous	No	No	No	No	No	No	Yes	No	No	No
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x		x		x					
Tar										
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1								Paper	Paper	Paper
Other 2										
Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the customer requests otherwise. This report shall not be reproduced except in full, without the written approval of the laboratory. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government. Test results apply to the sample as received. Asbestos percentage obtained through calibrated visual estimate. Components of inhomogeneous samples not analyzed separately unless listed as a sub-sample.

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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 1 of 17**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2109 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083078	1123083078 Sub-sample	1123083078 Sub-sample	1123083078 Sub-sample	1123083079	1123083079 Sub-sample	1123083079 Sub-sample	1123083079 Sub-sample	1123083080	1123083080 Sub-sample
Sample #	1	1.1	1.2	1.3	2	2.1	2.2	2.3	3	3.1
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof

Material	Rolled Roofing Material	Hot Mop Tar	Roofing Felt	Roofing Felt	Rolled Roofing Material	Hot Mop Tar	Roofing Felt	Roofing Felt	Rolled Roofing Material	Hot Mop Tar
Notes	AA1	AA1	AA1	AA1	AA2	AA2	AA2	AA2	AA3	AA3
Color	Black, Red	Black	Black	Black	Black, Red	Black	Black	Black	Black, Red	Black
Homogeneous	No	Yes	No	No	No	Yes	No	No	No	Yes

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x	x	x	x	x	x	x	x	x	x
Cellulose			10%	10%			12%	10%		
Fiberglass			12%				12%			
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method	None	None	None	None	None	None	None	None	None	None
Departures										

Received: 8/30/2023 Analyzed: 8/30/2023 Report Date: 09/05/2023

Analysts:					Admin QC: MG
	Arturo Valdez	Erasmo Lopez	Elaine Espique	Javier Osorio	Lab QC: EE

Point Count:			Point Count: 09/05/2023
	Javier Osorio	Elaine Espique	Lab QC: RCC

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the



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NVLAP Lab Code: 200548-0

**Asbestos Laboratory Report, Page 2 of 17**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2109 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083080 Sub-sample	1123083080 Sub-sample	1123083081	1123083081 Sub-sample	1123083081 Sub-sample	1123083082	1123083082 Sub-sample	1123083082 Sub-sample	1123083083	1123083083 Sub-sample
Sample #	3.2	3.3	4	4.1	4.2	5	5.1	5.2	6	6.1
Point Count										
Asbestos	No	No	No	No	No	No	No	No	No	No
Total	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

1° Type										
2° Type										
3° Type										
Location	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House & Garage - Roof	House - East Awning	House - East Awning

Material	Roofing Felt	Roofing Felt	Rolled Roofing Material	Roofing Felt	Roofing Felt	Rolled Roofing Material	Roofing Felt	Roofing Felt	Rolled Roofing Material	Roofing Felt
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Notes	AA3	AA3	AA4	AA4	AA4	AA5	AA5	AA5	AA6	AA6
Color	Black	Black	Red, Black	Black	Black	Red, Black	Black	Black	Black, White	Black
Homogeneous	No	No	No	No	No	No	No	No	No	No

**Components:**

Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint										
Tar	x	x	x	x	x	x	x	x	x	x
Cellulose	11%	10%		13%	13%		10%	10%		
Fiberglass	15%			12%			12%			
Synthetic Fibers										
Other 1										
Other 2										

Comments/Method Departures	None	None	None	None	None	None	None	None	None	None
----------------------------	------	------	------	------	------	------	------	------	------	------

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the



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**Asbestos Laboratory Report, Page 3 of 17**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2109 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083084	1123083084 Sub-sample	1123083085	1123083085 Sub-sample	1123083086	1123083086 Sub-sample	1123083087	1123083087 Sub-sample	1123083088	1123083088 Sub-sample
Sample #	7	7.1	8	8.1	9	9.1	10	10.1	11	11.1
Point Count					<0.1%		0.1%		<0.1%	
Asbestos	No	No	No	No	Yes	No	Yes	No	Yes	No
Total	N.D.	N.D.	N.D.	N.D.	<1%	N.D.	<1%	N.D.	<1%	N.D.
1° Type					<1%		<1%		<1%	
					Chrysotile		Chrysotile		Chrysotile	
2° Type										
3° Type										
Location	House - East Awning	House - East Awning	House - East Awning	House - East Awning	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior
Material	Rolled Roofing Material	Roofing Felt	Rolled Roofing Material	Roofing Felt	Stucco	Concrete	Stucco	Concrete	Stucco	Concrete
Notes	AA7	AA7	AA8	AA8	AA9	AA9	AA10	AA10	AA11	AA11
Color	Black, White	Black	Black, White	Black	Pink	Gray	Pink	Gray	Pink	Gray
Homogeneous	No	No	No	No	No	No	No	No	No	Yes
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint					x		x		x	
Tar	x	x	x	x						
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										
Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the



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**Asbestos Laboratory Report, Page 4 of 17**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
 211 West Avenida Cordoba  
 San Clemente, CA 92672

Job Location: 2109 East Santa Clara Avenue  
 Santa Ana, CA 92705

	1123083089	1123083089 Sub-sample	1123083090	1123083090 Sub-sample	1123083090 Sub-sample	1123083091	1123083092	1123083093	1123083094	1123083095
Sample #	12	12.1	13	13.1	13.2	14	15	16	17	18
Point Count	<0.1%		<0.1%							
Asbestos	Yes	No	Yes	No	No	No	No	No	No	No
Total	<1%	N.D.	<1%	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
1° Type	<1% Chrysotile		<1% Chrysotile							
2° Type										
3° Type										
Location	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House & Garage - Exterior	House - Exterior	House - Exterior	House - Exterior	House - Exterior	House - Exterior
Material	Stucco	Concrete	Stucco	Stucco	Concrete	Brick	Mortar	Brick	Mortar	Brick
Notes	AA12	AA12	AA13	AA13	AA13	AA14	AA14	AA15	AA15	AA16
Color	Pink	Gray	Pink	White	Gray	Red	Gray	Red	Gray	Red
Homogeneous	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint	x		x	x						
Tar										
Cellulose										
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										
Comments/ Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the



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**Asbestos Laboratory Report, Page 5 of 17**

California Water Boards ELAP Certificate 2723

**Amended Report: Original Release 08/31/2023**

**Reason: 1000-Point Count**

Customer: Hazard Management Consulting  
211 West Avenida Cordoba  
San Clemente, CA 92672

Job Location: 2109 East Santa Clara Avenue  
Santa Ana, CA 92705

	1123083096	1123083097	1123083097 Sub-sample	1123083097 Sub-sample	1123083098	1123083098 Sub-sample	1123083098 Sub-sample	1123083099	1123083099 Sub-sample	1123083099 Sub-sample
Sample #	19	20	20.1	20.2	21	21.1	21.2	22	22.1	22.2
Point Count		<b>0.2%</b>			<b>&lt;0.1%</b>			<b>0.2%</b>		
Asbestos	No	Yes	No	No	Yes	No	No	Yes	No	No
Total	<b>N.D.</b>	<b>&lt;1%</b>	<b>N.D.</b>	<b>N.D.</b>	<b>&lt;1%</b>	<b>N.D.</b>	<b>N.D.</b>	<b>&lt;1%</b>	<b>N.D.</b>	<b>N.D.</b>
1° Type		<1% Chrysotile			<1% Chrysotile			<1% Chrysotile		
2° Type										
3° Type										
Location	House - Exterior	House - Interior	House - Interior	House - Interior	House - Interior	House - Interior	House - Interior	House - Interior	House - Interior	House - Interior
Material	Mortar	Plaster	Plaster	Drywall	Plaster	Plaster	Drywall	Plaster	Plaster	Drywall
Notes	AA16	AA17	AA17	AA17	AA18	AA18	AA18	AA19	AA19	AA19
Color	Gray	Pink	Light Gray	White	Pink	Light Gray	White	White	Pink	White
Homogeneous	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Components:										
Non-fibrous Material	x	x	x	x	x	x	x	x	x	x
Paint		x			x			x		
Tar										
Cellulose				10%			10%			10%
Fiberglass										
Synthetic Fibers										
Other 1										
Other 2										
Comments/Method Departures	None	None	None	None	None	None	None	None	None	None

Samples were analyzed in accordance with EPA - Appendix E to Subpart E of 40 CFR Part 763: "Interim Method of the Determination of Asbestos in Bulk Insulation Samples" and EPA/600/R-93/116: "Test Method for the Determination of Asbestos in Bulk Building Materials". The limit of detection for asbestos is <1%, and the limit of quantification is 1.0% or greater. The State of California defines an asbestos-containing construction material as having more than 0.1% asbestos. All samples are disposed of after 30 days unless the