

**ASBESTOS SURVEY &  
LEAD-BASED PAINT  
INSPECTION REPORT**

**COMMERCIAL STRUCTURE  
735, 739 & 741 "H" STREET  
FRESNO, CALIFORNIA**

**May 28, 2014**

**PREPARED FOR:**

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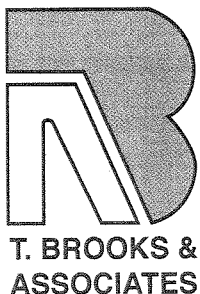
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**Roof Consulting / Asbestos, Lead & IAQ Consulting**



May 28, 2014

Project #14-7146

Frank L. Gegunde, PG  
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30 River Park Place West, Suite #180  
Fresno, CA 93720

**SUBJECT: Asbestos Survey & Lead-Based Paint Inspection Report**  
Commercial Structure  
735 – 741 "H" Street  
Fresno, California

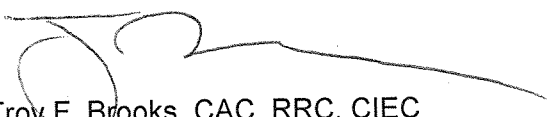
Dear Mr. Gegunde:

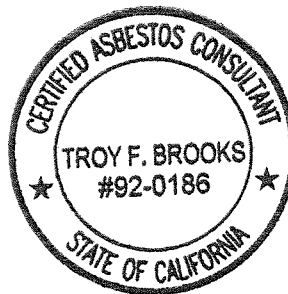
In accordance with your request and authorization, **T. Brooks & Associates, Inc.** conducted an asbestos survey and lead-based paint inspection involving the above referenced commercial property. The enclosed survey has been prepared based on the results of our limited field investigation and review of laboratory analysis of bulk samples collected at the subject site.

The survey included representative sampling of suspect asbestos-containing materials at interior and exterior areas of the commercial structure in accordance with the NESHAP regulation of the U.S.E.P.A., the requirements of the San Joaquin Valley Air Pollution Control District, and Cal/OSHA regulations. It is our understanding that the Client wishes to be informed as to the presence and locations of asbestos-containing materials involving those portions of the commercial property considered as part of our investigation.

We appreciate the opportunity to assist you. If you should have questions or require additional information, please contact us at (559) 298-9135.

Respectfully,  
**T. BROOKS & ASSOCIATES, INC.**

  
Troy F. Brooks, CAC, RRC, CIEC  
Certified Asbestos Consultant, No. 92-0186  
CDPH Inspector/Assessor for Lead, No. 1398  
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# **ASBESTOS SURVEY & LEAD-BASED PAINT INSPECTION REPORT**

## **COMMERCIAL STRUCTURE 735, 739, & 741 H STREET FRESNO, CALIFORNIA**

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### **ASBESTOS INVESTIGATION**

#### **INTRODUCTION**

In accordance with your request and authorization, **T. Brooks & Associates, Inc.** has conducted a limited Asbestos Survey involving the above referenced commercial structure located in Fresno, California. It is our understanding that the survey was requested due to possible demolition operations involving the commercial structure at the subject site. The following sections present a description of the structure, current site use, pertinent regulatory information, description of sampled materials, analysis of findings, and our recommendations specific to compliance with renovation operations.

#### **OBJECTIVE AND SCOPE OF SERVICES**

The objective of our investigation was to evaluate existing suspect building materials as to asbestos content. This investigation consisted of limited, representative bulk sampling, and subsequent laboratory analysis of suspect construction materials at interior and exterior locations of each address. Sampling was conducted utilizing limited destructive techniques. Suspect asbestos-containing materials were characterized by size, color and texture in order to quantify materials and to draw conclusions based on bulk sample results. In certain instances, building materials were "assumed" to be asbestos-containing.

Bulk sample analysis was provided by EMC Laboratories, an independent, NVLAP accredited laboratory (NVLAP No. 101926-0) specializing in asbestos analysis. Bulk samples were individually bagged and numbered for identification and to maintain a chain-of-custody as part of this report.

#### **APPLICABLE REGULATIONS**

##### **Environmental Protection Agency**

The National Emission Standard for Hazardous Air Pollutants (NESHAP), which was promulgated, by Federal Environmental Protection Agency (EPA), identifies "facilities" subject to

***T. Brooks & Associates, Inc.***

asbestos regulation and requires completion of prescribed procedures including "asbestos surveys" prior to commencement of demolition or renovation activities involving all commercial and certain residential structures.

### **Occupational Safety and Health Administration**

The Occupational Safety and Health Administration (OSHA), regulates construction activities, including those which involve asbestos containing materials. OSHA regulations for asbestos materials exist at both state (Cal-OSHA) and federal (Fed-OSHA) levels and are intended to protect workers from occupational exposures to these materials.

Federal asbestos regulations, including the Federal Construction Industry Asbestos Standard (29 CFR 1926.1101) and State of California Standard (Title 8 CCR 1529) mandate that all construction materials classified as Thermal System Insulation (TSI), or Surfacing Material (sprayed or troweled in place and of an acoustical nature) installed in buildings prior to January 1, 1981, be classified as “Presumed Asbestos Containing Materials” (PACM). This designation may only be refuted by extensive testing procedures of each homogeneous material in compliance with 40 CFR 763 Subpart E, the AHERA regulations of the EPA).

Appropriate controls including air sampling are required during the removal of any asbestos-containing material (ACM) in order to document fiber release, which may expose workers or others to hazardous levels of airborne asbestos.

### **Certified Asbestos Consultant and Site Surveillance Technician**

The California Business and Professions Code specifies that only a State of California, Certified Asbestos Consultant may provide design, environmental air sampling and other consulting services on behalf of building owners relating to abatement projects. Certified Site Surveillance Technicians typically perform bulk sampling, air monitoring, and other functions under the surveillance of a Certified Asbestos Consultant.

### **Definition of Asbestos-Containing Material**

Cal-OSHA	>0.1% by weight *
State of California, Health & Safety Code	>0.1%
Fed-OSHA	>1.0% by weight
Cal-EPA	friable and >1.0% asbestos
EPA	friable and >1.0% asbestos

\* Under Cal-OSHA regulations, materials containing between 0.01% - 1.0% are classified as Asbestos Containing Construction Material (ACCM). The material is not regulated by the EPA and waste may be disposed of as non-hazardous. Cal-OSHA regulations would be applicable for worker protection.

**Work Categories - Fed OSHA, 29 CFR 1926.1101  
Cal-OSHA, Title 8, CCR 1529**

Classify abatement operations under four (4) distinct activities, which trigger different provisions within the standard. Those activities presenting the greatest risk are designated Class I work, with decreasing risk potential for each successive class.

The four work categories and brief descriptions are as follows:

**Class I** - Abatement involving thermal system insulation (TSI) and sprayed-on or

**Class II** - Abatement of ACM or PACM other than TSI or Surfacing Materials.

**Class III** - Repair and maintenance operations which are likely to disturb ACM, or

**Class IV** - Custodial and housekeeping operations where minimal contact with ACM

**Unclassified** - Operations involving abatement of materials which contain detectable levels of asbestos up to and including, but not in excess of 1.0%.

Refer to **Appendix G** for specific information regarding specific procedures for demolition or renovation activities.

## **INVESTIGATION**

The inspection and sampling event involving the subject structure was conducted by Tim Thomas Certified Asbestos Consultant (09-44887) on May 9 & 16, 2014. Professional Certifications and Laboratory Certifications are presented in **Appendix H**.

### **Building Construction and Use**

The referenced structure is composed of three different commercial spaces, each with a distinct address. The structure is of masonry construction. Interior finishes within the structure included gypsum wallboard and plaster wall and ceiling finishes. The structure is on a raised wood foundation. Floor coverings include sheet vinyl flooring and vinyl floor tile. A floor plan was prepared for our use in documenting sampling locations and for quantifying those materials testing positive for regulated levels of asbestos. The date of construction was not provided for our use. The structure included a basement.

### **Materials Sampled**

Materials to be sampled were at the discretion of the sampler and were selected based upon their likelihood of containing asbestos as an integral or incidental part of their construction. The sampled materials were intended to represent homogeneous materials present in each distinct sampling area.

Materials selected for sampling and subsequent laboratory analysis included the following:

**PROJECT LOCATION: Commercial Building – 735 H Street, Fresno, CA**

<u>Sampled Materials</u>	<u>EPA Classification</u>	<u>NESHAP CAT.*</u>
<b>Flooring Materials</b>		
- 9" x 9" Vinyl Floor Tile w/ Mastic	Miscellaneous Material	Cat. I, N.F.**
- 12" x 12" Vinyl Floor Tile w/ Mastic	Miscellaneous Material	Cat. I, N.F.**
- 4" Base Coving w/ Adhesive	Miscellaneous Material	Cat. II N.F.
- Vinyl Sheet Flooring w/ Mastic	Miscellaneous Material	RACM
- 9" x 9" Vinyl Floor Tile w/ Vapor Barrier & Mastic	Miscellaneous Material	Cat. I, N.F.**
<b>Wall Materials</b>		
- Drywall w/ Taping Mud & Texture	Miscellaneous Material	RACM
- Drywall w/ Texture	Miscellaneous Material	RACM
- Drywall w/ Taping Mud	Miscellaneous Material	RACM
- Wall Paneling	Miscellaneous Material	Cat. II N.F.
- Wood Wall Panel w/ Mastic	Miscellaneous Material	Cat. II N.F.
- Plaster w/ Texture/Paint	Miscellaneous Material	RACM
- Plaster Wall Finish	Miscellaneous Material	RACM
<b>Ceiling Materials</b>		
- 6' x 4' Ceiling Tile	Miscellaneous Material	RACM
- 12" x 12" Ceiling Tile & Mastic	Miscellaneous Material	RACM
<b>Miscellaneous Materials</b>		
- Vibration Damper	Miscellaneous Material	RACM
- Duct Cloth	Miscellaneous Material	RACM

\* These classifications are based on classifications by the AHERA regulations of the Environmental Protection Agency. All asbestos-containing materials may be rendered friable by the forces acting upon them.

\*\* Removal of flooring finishes and associated mastics by mechanical means, including the use of buffing wheels would change the classification to RACM and require that the material be packaged, transported and disposed of as asbestos-containing hazardous waste. Requires compliance with NESHAPS.

**Sample Results – 735 H Street, Fresno, CA**

Of those samples submitted for analysis, a total of thirteen (13) samples included one or more layers which tested positive for asbestos in amounts >1.0%. The samples testing positive for asbestos in amounts >1.0% included: Drywall Taping Mud & Texture (2 samples), Drywall Texture (1 sample), Wall Paneling (4 samples), 9" x 9" Vinyl Floor Tile (1 sample), 9" x 9" Vinyl Floor Tile & Associated Mastic (3 samples) and Vibration Damper (2 samples).

### **Point-Count Analysis – 735 H Street, Fresno, CA**

All seven (7) samples of Drywall w/ asbestos-containing Taping Mud was reanalyzed by “Point-Count” method as allowed under the NESHAP regulation. Based on the “Point-Count” analysis, the Drywall w/ Taping Mud composite for each sample was confirmed as containing asbestos at levels <1.0%. Based on the analysis, the material represented by these results would be classified as “Asbestos-Containing Construction Debris (ACCM)” in California.

Drywall w/ Taping Mud represented by these results may be disposed of as General Construction Debris (non-hazardous), once removed from the subject premises by a licensed abatement contractor. Under the NESHAP, building materials containing asbestos at levels <1.0% are not required to be removed prior to conducting demolition operations. The presence of ACCM during demolition operations would impose additional requirements on the demolition contractor, including DOSH registration and compliance with Cal/OSHA requirements. Refer to 8 CCR 1529 for additional information concerning OSHA requirements.

### **PROJECT LOCATION: 739 H Street, Fresno, CA**

#### **Sampled Materials**

#### **EPA Classification**

#### **NESHAP CAT.\***

#### **Flooring Materials**

- No Samples Fit Category

#### **Wall Materials**

- |                                       |                        |      |
|---------------------------------------|------------------------|------|
| - Drywall w/ Taping Mud (Assumed ACM) | Miscellaneous Material | RACM |
|---------------------------------------|------------------------|------|

#### **Ceiling Materials**

- No Samples Fit Category

#### **Miscellaneous Materials**

- No Samples Fit Category

\* These classifications are based on classifications by the AHERA regulations of the Environmental Protection Agency. All asbestos containing materials may be rendered friable by the forces acting upon them.

### **Sample Results – 739 Fulton Street, Fresno, CA – Assumed ACM**

The corner office area within 739 Fulton Street was inaccessible therefore, drywall and taping mud is assumed to be asbestos-containing. All gypsum wallboard at interior and exterior portions of the office area shall be considered asbestos-containing material unless representative sampling is conducted by licensed personnel and found to test negative for asbestos.

**PROJECT LOCATION: Commercial Building – 741 H Street, Fresno, CA**

<u>Sampled Materials</u>	<u>EPA Classification</u>	<u>NESHAP CAT.*</u>
--------------------------	---------------------------	---------------------

**Flooring Materials**

- No Samples Fit Category

**Wall Materials**

- |                       |                        |      |
|-----------------------|------------------------|------|
| - Plaster Wall Finish | Miscellaneous Material | RACM |
|-----------------------|------------------------|------|

**Ceiling Materials**

- No Samples Fit Category

**Miscellaneous Materials**

- No Samples Fit Category

\* These classifications are based on classifications by the AHERA regulations of the Environmental Protection Agency. All asbestos containing materials may be rendered friable by the forces acting upon them.

**Sample Results – 741 H Street, Fresno, CA**

Of those samples submitted for analysis, none (0) tested positive for detectable levels of asbestos. All building materials represented by these results may be treated as non-asbestos containing building material.

**PROJECT LOCATION: Exterior Locations – 735, 739, & 741 H Street, Fresno, CA**

<u>Sampled Materials</u>	<u>EPA Classification</u>	<u>NESHAP CAT.*</u>
--------------------------	---------------------------	---------------------

**Flooring Materials**

- No Samples Fit Category

**Wall Materials**

- |                           |                        |      |
|---------------------------|------------------------|------|
| - Exterior Brick & Mortar | Miscellaneous Material | RACM |
|---------------------------|------------------------|------|

**Ceiling Materials**

- No Samples Fit Category

**Miscellaneous Materials**

- |                           |                        |              |
|---------------------------|------------------------|--------------|
| - Built-up Roofing        | Miscellaneous Material | Cat. I, N.F. |
| - Roof Penetration Mastic | Miscellaneous Material | Cat. I, N.F. |

\* These classifications are based on classifications by the AHERA regulations of the Environmental Protection Agency. All asbestos containing materials may be rendered friable by the forces acting upon them.

## **Exterior Sample Results – 735, 739, & 741 H Street, Fresno, CA**

Of those samples submitted for analysis, none (0) tested positive for detectable levels of asbestos. All building materials represented by these results may be treated as non-asbestos containing building material.

## **ANALYSIS OF FINDINGS**

Asbestos-containing materials are classified by their "Friability" which is defined as material that when dry may be crumbled, pulverized, or reduced to powder by hand pressure. In addition, the "Friability" classification is not only determined by the nature and condition of the ACM, but also by work practices to which the material may be exposed during renovation activities. The "Friability" classification is critical in determining the applicable regulations, work practices and disposal requirements.

### **Drywall Taping Mud & Surface Texture**

Drywall collected from specified areas of the subject structure were found to contain taping mud which contained in excess of 1.0% asbestos content. The drywall also contained surface texture which includes asbestos at levels >1.0%. Removal of drywall with asbestos containing taping mud and surface texture would be classified as a "Class II" operation under Cal/OSHA. Based on the presence of asbestos-containing texture, the drywall would be classified as RACM and must be disposed of as Hazardous Waste. Workers engaged in the work would be covered under applicable Cal/OSHA regulations. Under the NESHAP, the presence of an "add-on" layer precludes composite analysis of the drywall material to achieve a total asbestos content of less than 1.0%.

### **Drywall Surface Texture**

Drywall which includes an add-on layer such as surface texture which includes asbestos content in excess of 1.0% is classified as RACM under the NESHAP for the purposes of regulated construction activities. Renovation or demolition operations involving drywall which includes asbestos-containing surface texture would be classified as a Class II operation under Cal-OSHA. Under the NESHAP, the presence of an "add-on" layer precludes composite analysis of the drywall material to achieve a total asbestos content of less than 1.0%.

### **Drywall Taping Mud – Point-Count Analysis**

Drywall wall and ceiling systems which include asbestos-containing taping mud typically contain less than 1.0% asbestos content as a composite system. Samples collected at the subject site found to include asbestos-containing taping mud were reanalyzed by "Point-Count" method as allowed under the NESHAP to accurately determine asbestos content of the drywall system. Based on the Point-Count analysis, the Point-Counted samples were found to contain <1.0% asbestos

content. Building materials represented by these results would not be considered “Regulated Asbestos Containing Material” (RACM) and may be disposed of as non-hazardous construction debris. Workers engaged in the removal process would be covered by Cal/OSHA regulations governing asbestos related work. Removal of drywall with asbestos content of <1.0% would be an “Unclassified” operation under Cal/OSHA.

### **Plastic Roof Cement**

Plastic roof cement, collected at a representative roof penetration was found to contain regulated amounts of “Chrysotile” asbestos. Under current Cal/OSHA regulations, mastics and coatings are classified as non-friable ACM. Removal must be completed utilizing hand tools only.

### **Wall Paneling**

Wall paneling tested positive for regulated levels of “Chrysotile” asbestos. Wall paneling in good condition is normally classified as non-friable ACM. Removal must be completed utilizing hand tools only to preclude rendering the material friable. Removal of asbestos-containing wall paneling would be a Class II operation under Cal/OSHA regulations.

### **Vinyl Floor Tile & Associated Mastic**

Vinyl floor tile and associated mastic is normally classified as non-friable material in terms of abatement operations, transportation, and disposal. Non-friable materials, when packaged properly, may be disposed of at a local landfill accepting non-friable ACM. Mastic must be in a non-liquid state to be accepted by most landfills.

Under the NESHAP, removal of vinyl floor tile and associated mastic using mechanical means would render the materials friable, changing their status to RACM. Abatement of RACM in amounts exceeding the minimum threshold amounts would require filing of a completed Notification with the SJVAPCD, a ten-day waiting period, transportation by a licensed hazardous waste hauler, and disposal as hazardous waste.

Removal of these materials would be classified as a Class II operation under current OSHA regulations. Notification to the local Cal-OSHA office is required prior to commencement with operations which will disturb these materials.

### **Vinyl Floor Tile**

Vinyl floor tile is normally classified as non-friable material in terms of abatement operations, transportation, and disposal. Non-friable materials, when packaged properly, may be disposed of at a local landfill accepting non-friable ACM.

Under the NESHAP, removal of vinyl floor tile using mechanical means would render the material friable, changing its status to RACM. Abatement of RACM in amounts exceeding the minimum threshold amounts would require filing of a completed Notification with the SJVUAPCD, a ten-day waiting period, transportation by a licensed hazardous waste hauler, and disposal as hazardous waste.

Removal of the floor tiles would be a Class II operation under OSHA regulations. Notification to the local Cal-OSHA office is required prior to commencement with operations which will disturb these materials.

### **Vibration Damper**

Samples collected from the Vibration damper were found to contain "Chrysotile" asbestos. Vibration damper would be classified as "RACM". Removal would consist of a Class II job under Cal/OSHA. All vibration dampers on HVAC systems within the referenced commercial structure or on mechanical system elements would be considered to be "asbestos-containing" and must be treated as asbestos-containing material unless additional sampling is conducted. The material must be transported, manifested and disposed of as asbestos-containing hazardous waste and requires use of a hazardous waste manifest.

## **ADDITIONAL CONSIDERATIONS**

Under the NESHAP, abatement of non-friable ACM is not required unless the proposed renovation and/ or demolition operations would render such materials friable.

Fees to the San Joaquin Valley Air Pollution Control District (SJVAPCD) would be required for abatement work which includes in excess of 160 s.f., 260 l.f., or 35 c.f. of "Regulated Asbestos-Containing Material", or any work classified under the NESHAP as a "demolition". All proposed abatement and/or demolition operations would require compliance with OSHA and NESHAP regulations and procedures. A mandatory ten-working day waiting period is required prior to proceeding with regulated abatement activities, defined as disturbance of regulated amounts of RACM, or non-friable ACM which becomes friable, as well as "any" demolition involving the structure on the subject site, regardless of whether asbestos is present.

## **REGULATORY AGENCIES AND REQUIREMENTS**

Following is a brief description of regulatory agencies and regulatory requirements:

### **Federal**

Environmental Protection Agency (EPA) - NESHAP Notification - 04 CFR 16 - Subpart M  
Requires notification in all demolition operations whether the building contains asbestos or

not. Requires notification when renovation/demolition involves more than 160 square feet or 260 linear feet of friable ACM, or 35 cubic feet of RACM.

### **San Joaquin Valley Air Pollution Control District**

San Joaquin Valley Air Pollution Control District (SJVAPCD) - Enforcement of NESHAP regulations.

Enforces notification in all demolition operations whether the building contains asbestos or not, and all renovation projects involving in excess of 160 square feet, 260 linear feet, or 53 cubic feet of RACM.

Requires the removal of all regulated ACM before demolition/renovation process. Non-friable Category I and II (ACM may be required to be removed at the discretion of the local air pollution control district. Typically, the SJVAPCD while not requiring abatement of non-friable ACM in intact condition prior to conducting demolition operations, recommends that all ACM including non-friable ACM be abated as forces associated with normal renovation/demolition operations may render such materials friable. This exemption normally does not apply to scheduled burn operations.

### **Cal-OSHA**

State of California, Department of Industrial Relations, Division of Occupational Safety and Health Enforces regulations pertaining to worker protection. New Cal-OSHA standard (8 CCR 1529 (took effect on July 1, 1991) and was adopted from the Federal OSHA standard. The standard mandates procedures and engineering controls necessary to protect employees of the contractor, building occupants and others. Requires filing of a "Temporary Jobsite Notification" with the local compliance office, prior to commencing with abatement activities involving any quantity of material.

## **RECOMMENDATIONS**

Prior to proceeding with any scheduled abatement or demolition operation involving the referenced commercial structure located at the subject site, have all building materials identified in this report as containing asbestos in amounts >0.1%, and which will be disturbed by activities associated with the proposed work operations removed by a qualified, licensed abatement contractor with a demonstrated history of similar projects and regulatory compliance. Insure that all work operations are conducted in accordance with applicable EPA and OSHA requirements. The Contractor should be required to document evidence of current training, licensing and asbestos specific insurance coverage.

Retain the Services of a State of California, Certified Asbestos Consultant. The consultant may provide project design, management, air monitoring and other services, which will ensure compliance with applicable regulations and protect the Building Owner against any potential liability which may arise as a result of work associated with work operations involving the subject structure.

Prior to proceeding with any "demolition" operation as defined under the NESHAP involving the subject structure, comply with the Notification requirements the SJVAPCD, and pay required

fees. By law, a “demolition” is defined as any operation which removes an intact structural building element, in addition to full-scale demolition operations. Wait the required ten (10) working days after filing the notification before proceeding with regulated abatement and/or demolition operations involving the subject property.

## **LEAD-BASED PAINT INSPECTION REPORT**

### **OBJECTIVE AND SCOPE OF SERVICES – LEAD**

The inspection and lead sampling event of the subject commercial structure was conducted by Mr. Chad Calhoun, CDPH Inspector/Assessor for Lead, No. 19036 on May 9, 2014. Professional Certifications and Laboratory Certifications are presented in **Appendix H**.

#### **Scope of Investigation**

The Lead-Based Paint Inspection was conducted in accordance with Title 17 - California Code of Regulations, Division 1, Chapter 8, 8 CCR 1532.1 (Cal/OSHA). The sampling event was conducted in a manner which provides limited, representative evaluation of painted surfaces at referenced locations at the subject site in accordance with the HUD schedule in Chapter 7 (Lead-Based Paint Inspection) of the “Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing”. Testing locations provide an overall representation of painted finishes present at the site. The referenced inspection is representative in nature and is limited based on the limitations of the referenced regulatory standard.

#### ***PROJECT SITE: 735 H Street, Fresno, CA – Interior Areas***

Sampling of painted surfaces for suspect lead-based paint at referenced commercial space at the subject site included testing of one hundred sixty-four (164) separate testing combinations. The XRF instrument was calibrated prior to and following the prescribed sampling period in accordance with the Performance Characteristic Sheet provided by the manufacturer. Calibration readings are included in the XRF sampling results as the initial and concluding readings and are designated as a “calibrate” reading. The calibration readings were compared to a known concentration of lead using a standard SRM sheet provided by the XRF manufacturer to verify accurate performance of the instrument at the beginning and the conclusion of the sampling episode.

#### ***PROJECT SITE: 739 H Street, Fresno, CA – Interior Areas***

Sampling of painted surfaces for suspect lead-based paint at referenced commercial space at the subject site included testing of nineteen (19) separate testing combinations. The XRF instrument was calibrated prior to and following the prescribed sampling period in accordance with

the Performance Characteristic Sheet provided by the manufacturer. Calibration readings are included in the XRF sampling results as the initial and concluding readings and are designated as a “calibrate” reading. The calibration readings were compared to a known concentration of lead using a standard SRM sheet provided by the XRF manufacturer to verify accurate performance of the instrument at the beginning and the conclusion of the sampling episode.

***PROJECT SITE: 741 H Street, Fresno, CA – Interior Areas***

Sampling of painted surfaces for suspect lead-based paint at referenced commercial space at the subject site included testing of sixteen (16) separate testing combinations. The XRF instrument was calibrated prior to and following the prescribed sampling period in accordance with the Performance Characteristic Sheet provided by the manufacturer. Calibration readings are included in the XRF sampling results as the initial and concluding readings and are designated as a “calibrate” reading. The calibration readings were compared to a known concentration of lead using a standard SRM sheet provided by the XRF manufacturer to verify accurate performance of the instrument at the beginning and the conclusion of the sampling episode.

***PROJECT SITE: 735, 739, & 741 H Street, Fresno, CA – Exterior Areas***

Sampling of painted surfaces for suspect lead-based paint at the referenced property included testing of thirteen (13) separate testing combinations. The XRF instrument was calibrated prior to and following the prescribed sampling period in accordance with the Performance Characteristic Sheet provided by the manufacturer. Calibration readings are included in the XRF sampling results as the initial and concluding readings and are designated as a “calibrate” reading. The calibration readings were compared to a known concentration of lead using a standard SRM sheet provided by the XRF manufacturer to verify accurate performance of the instrument at the beginning and the conclusion of the sampling episode.

## **SAMPLE METHODOLOGY**

Enclosed results are based on total lead content regardless of the number of paint layers present at each specific test location. Each referenced area includes data generated by the testing instrument. Lead content at a level equivalent to 5,000 ppm would be classified as “Lead-Based Paint” by HUD, The State of California, and the EPA. Each result must also be compared to the applicable OSHA level (“any detectable amount”, or 600 ppm), dependent upon the appropriate trigger activity. Sampling Equipment

Sampling was conducted using a *Niton Corporation* Spectrum Analyzer Lead Detector, Model XLp-300 (Serial No.15425). The instrument was utilized within the operating parameters established by *Niton Corporation* as indicated in the Performance Characteristic Sheet.

### Definition of Lead Based Paint

Title X	>1.0 mg/cm <sup>2</sup> or >0.5% by weight
HUD	1.0 mg/cm <sup>2</sup> or 0.5% by weight
CDPH	1.0 mg/cm <sup>2</sup> or > 0.5 % by weight
CPSC	600 ppm or .06% by weight
OSHA	600 ppm or .06% by weight or any detectable amount

(Note subtle differences dependent upon preceding mathematical symbols)

### APPLICABLE REGULATIONS FOR LEAD

The following includes the primary agencies which govern lead related work and a brief list of their components and responsibilities.

#### Occupational Safety and Health Administration

<b>Federal Standards</b>	General Industry Standard	29 CFR 1910.1025
	Construction Industry Standard	29 CFR Part 1926.62
<b>State Standards</b>	General Industry Standards	8 CCR 5216
	Construction Industry Standards	8 CCR 1532.1

The Occupational Safety and Health Administration (OSHA), is focused on protecting the health and safety of workers, including construction activities which disturb lead containing paints, surface coatings, and other materials. OSHA regulations for lead materials exist at both state (Cal-OSHA) and federal (Fed-OSHA) levels and are intended to protect workers from occupational exposures to these materials.

Federal and State lead regulations, including the Lead in Construction Standard 29 CFR 1926.62 (Federal Standard) and Title 8 CCR 1532.1, (California standard) regulate disturbance of lead containing materials during construction, demolition, and maintenance related activities. The Federal standard was adopted in May of 1993. The State of California adopted this standard in November 1993.

Appropriate engineering controls, personal protective equipment, training, specific work practices, and representative air sampling are required by both Cal/OSHA and OSHA whenever workers will disturb lead in any concentration (including less than 600 ppm) as this disturbance may result in airborne exposures over the Action Limit (AL) or Permissible Exposure Limit (PEL). Initial blood lead testing is required above the AL (30 ug/m;), and a written site specific “Compliance Plan” is required for all projects where a Negative Exposure Assessment has not been generated. Medical removal is required for any worker whose blood lead level > 50 ug/dl.

## **U.S. Environmental Protection Agency**

Title X was promulgated by the U.S. Congress in 1992 and required the U.S. Environmental Protection Agency (USEPA), to define lead hazards and to develop certification programs.

Major components of EPA pertaining to Lead Containing Materials

- Established a lab accreditation program
- Defined hazards in dust and soil (revised June 1998)
- Evaluates inspection & removal products (ongoing)
- Requires disclosure & information prior to sale/rental of pre-1978 housing (in effect)
- Mandate information for renovation /remodel work (in effect 6/99)
- Developed an accreditation and training program effective in states that do not have their own program California Environmental Protection Agency

Cal-EPA determines when lead paint waste is a hazardous waste in California, and how it must be disposed. The California Department of Toxic Substance Control (DTSC), as part of Cal-EPA oversees regulated disposal issues related to hazardous waste in California.

Procedures for the identification, management, transport, record keeping, and disposal of all types of hazardous waste are set forth in Title 22, CCR, Sections 66260.1-66263.12 and 66268.1-66268.124, and the Health and Safety Code, section 25163, subdivision (c).

## **Department of Housing and Urban Development (HUD)**

Developed regulations and guidance documents for use on HUD properties. Its Guidelines are generally considered state-of-the-art in the lead abatement industry. HUD guidelines establish strategies for completion of lead survey and risk assessments, clearance strategies, work practices, engineering controls and worker safety procedures.

While HUD guidance documents were developed specifically for HUD properties, both the California DHS work practice regulations and the EPA Model Accreditation Program for lead mandate you follow HUD Guideline procedures in many facilities.

HUD developed the following guidance documents which are industry standards:

- 1989 - published A Lead-based Paint: Interim Guidelines for Hazard Identification and Abatement in Public and Indian Housing, referred to as the “Old HUD Guidelines”.
- 1995 - published “Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing”.
- HUD is developing work practice regulations applicable to HUD housing which are to take effect sometime in 1999.

## California Department of Public Health (CDPH)

Developed and enforces a comprehensive regulation that provides an accreditation process for lead training providers, a certification program for individuals, and specified required work practices for lead hazard evaluations and lead hazard control work.

- Promulgated the California CDPH Lead Training, Accreditation, Certification and Work Practices - Title 17, CCR, Division 1, Chapter 8, (Sections 35000-361000). Specifies work practices involved in lead inspections, risk assessments and hazard reduction work in all residential and public buildings in California. Also requires training, passage of exams, and certification of individuals that conduct lead hazard assessments or work to reduce or eliminate lead hazards. Revised standard took effect on January 8, 1999.

Key Provisions:    Defines "lead hazards" in dust, paint, and soil  
                         Defines almost all paint as "presumed" LBP  
                         Excludes post 1978 housing, and schools built after 1992  
                         Requires notifications to CDPH prior to disturbance of LBP  
                         Requires specific work practices (containment, clearance testing, etc.)  
                         Requires individuals to be "certified" for some work

CDPH Certification is required in the following cases:

- Exceed PEL in California (50 ug/m;) (Cal-OSHA)
- Conduct lead hazard evaluation or "abatement" (CDPH)
- Residential Inspections for EPA Disclosure Rule compliance
- Title X funded projects (U.S. Congress)
- California public elementary and preschools (Ed. Code Section 32243 b)
- When prescribed by project specifications.

### CDPH Certification Classifications

### Brief Description

Lead Related Inspector/Assessor	Conduct inspections or assessments for LBP
Lead Related Supervisor	Supervise lead project as Contractor
Lead Related Project Monitor	Monitor lead project on behalf of Client
Lead Related Project Designer	Design a lead abatement project
Lead Related Worker	Engage in lead related work as a worker

## OSHA Trigger Activities (Tasks):

**Fed OSHA, 29 CFR 1926.62**  
**Cal-OSHA, Title 8, CCR 1532.1**

Classify trigger tasks under three distinct activity groups which assume that you may reach specified airborne exposure levels. Those tasks presenting the least risk are designated Activity 1 tasks, with increasing risk potential for each successive class.

The three (3) trigger task categories and assumed airborne levels are as follows:

<b>Trigger Activity I</b> - (50 -500 ug/m <sup>3</sup> )	manual demolition, scraping and sanding, using heat guns, using HEPA equipment, debris cleanup
<b>Trigger Activity II</b> - (500 - 2500 ug/m <sup>3</sup> )	lead mortar, burning, rivet busting, use of non-HEPA equipment, dry abrasive blast cleanup
<b>Trigger Activity III</b> - (>2500 ug/m <sup>3</sup> )	welding, abrasive blasting, torch cutting, and burning

Prior to obtaining exposure assessment for each specific trigger task or if no historic data is available, the following apply:

- assume exposure over “PEL”
- wear respirators and protective clothing
- be properly trained per state and federal requirements
- have initial blood tests on affected workers, supervisors

Refer to **Appendix G** – “Regulatory Resource List” for specific information regarding trigger task activities and specific requirements.

## ANALYSIS OF FINDINGS – LEAD

In summary, the majority of testing combinations considered as part of our limited investigation were found to contain lead in some amount. Under current Cal/OSHA regulations, paint containing in excess of 0.06% lead (600 parts per million) are considered lead-containing paint for non-trigger tasks under Cal/OSHA. For trigger tasks, any detectable amount of lead invokes Cal/OSHA regulations and assumes that airborne levels may exceed the “Action Level” (AL) of 30 ug/m<sup>3</sup>, and the “Permissible Exposure Limit” (PEL) of 50 ug/m<sup>3</sup>. Refer to **Appendix G** for additional information regulatory requirements.

Current OSHA regulations require that workers involved in work disturbing lead containing surfaces be protected from exposure to lead above stipulated levels. Refer to the enclosed OSHA

Construction Standard (CCR Title 8 1532.1 California Lead-In-Construction Standard) for work guidelines and requirements.

***PROJECT SITE: 735 H Street, Fresno, CA – Interior Areas***

Of those testing combinations considered as part of our investigation, a total of thirty-two (32) were found to include lead in excess of the 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) and would be classified as “Lead-Based Paint” (LBP) under state and federal regulations. Refer to **Appendices B-D** for additional information concerning specific Testing Combinations.

Building materials represented by those testing combinations found to include lead in excess of 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) are classified as “Lead-Based Paint” (LBP) for the purposes of compliance with state and federal regulations. In addition, Cal/OSHA regulates all activities involving the disturbance of paint which includes “any detectable” amount of lead.

Any construction related work which will disturb building elements which include paint or surface coatings determined to include lead must be conducted in accordance with applicable local, state and federal regulations governing disturbance of lead. A lead waste characterization is required under state and federal requirements prior to disposing of lead-containing waste.

***PROJECT SITE: 739 H Street, Fresno, CA – Interior Areas***

Of those testing combinations considered as part of our investigation, a total of six (6) were found to include lead in excess of the 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) and would be classified as “Lead-Based Paint” (LBP) under state and federal regulations. Refer to **Appendices B-D** for additional information concerning specific Testing Combinations.

Building materials represented by those testing combinations found to include lead in excess of 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) are classified as “Lead-Based Paint” (LBP) for the purposes of compliance with the State of California, Department of Public Health. In addition, Cal/OSHA regulates all activities involving the disturbance of paint which includes “any detectable” amount of lead.

Any construction related work which will disturb building elements which include paint or surface coatings determined to include lead must be conducted in accordance with applicable local, state and federal regulations governing disturbance of lead. A lead waste characterization is required prior to disposing of ceramic tile, or the material must be disposed of as lead-containing waste.

***PROJECT SITE: 741 H Street, Fresno, CA – Interior Areas***

Of those testing combinations considered as part of our investigation, a total of nine (9) were found to include lead in excess of the 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) and would be classified as “Lead-Based Paint” (LBP) under state and federal regulations. Refer to **Appendices B-D** for additional information concerning specific Testing Combinations.

Building materials represented by those testing combinations found to include lead in excess of 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) are classified as “Lead-Based Paint” (LBP) for the purposes of compliance with the State of California, Department of Public Health. In addition, Cal/OSHA regulates all activities involving the disturbance of paint which includes “any detectable” amount of lead.

Any construction related work which will disturb building elements which include paint or surface coatings determined to include lead must be conducted in accordance with applicable local, state and federal regulations governing disturbance of lead. A lead waste characterization is required prior to disposing of ceramic tile, or the material must be disposed of as lead-containing waste.

***PROJECT SITE: 735, 739, & 741 H Street, Fresno, CA – Exterior***

Of those testing combinations considered as part of our investigation, a total of four (4) were found to include lead in excess of the 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) and would be classified as “Lead-Based Paint” (LBP) under state and federal regulations. Refer to **Appendices B-D** for additional information concerning specific Testing Combinations.

Building materials represented by those testing combinations found to include lead in excess of 1.0 mg/cm<sup>2</sup>, (0.5%), (5,000 ppm) are classified as “Lead-Based Paint” (LBP) for the purposes of compliance with the State of California, Department of Public Health. In addition, Cal/OSHA regulates all activities involving the disturbance of paint which includes “any detectable” amount of lead.

Any construction related work which will disturb building elements which include paint or surface coatings determined to include lead must be conducted in accordance with applicable local, state and federal regulations governing disturbance of lead. A lead waste characterization is required prior to disposing of ceramic tile, or the material must be disposed of as lead-containing waste.

## **PAINT CONDITION**

As part of the Lead-Based Paint Inspection, painted surfaces were visually examined for general condition. While this report does not constitute a lead “Risk Assessment”, painted surfaces were generally categorized as being in intact, fair, poor, or peeling condition.

Refer to the **Appendix G** for additional information concerning locations of testing combinations at the subject site.

## **ADDITIONAL CONSIDERATIONS**

Should a full evaluation of potential lead hazards be desired involving testing for lead contaminated dust and soil, we recommend that a “Risk Assessment” be conducted by a certified Lead-based paint Risk Assessor as part of a complete lead hazard evaluation.

Hazards associated with lead exposure are typically due to ingestion and inhalation of lead in the form of dust. Lead can be determined within the bloodstream, bones, and other organs by various detection methods.

Potential exposure to lead is associated with damaged painted surfaces. Painted surfaces should be inspected regularly and maintained in intact, undamaged condition to minimize the potential for the creation of lead dust hazards. Any evidence of peeling, loose or detached paint should be rectified by stabilizing the painted surface or replacing the painted element.

## **RECOMMENDATIONS**

Planned work operations, including demolition operations which involve the disturbance of “Lead-Containing Paint” must be conducted in compliance with applicable state and federal requirements. Prior to engaging in work which will disturb lead-containing finishes referenced herein, or other untested paints or surface coatings, the contractor engaged in the work must conduct an “Initial Exposure Assessment” for each planned “trigger task” in accordance with Cal/OSHA to determine potential lead exposures to workers. Prior to commencing such operations, the Contractor must assume workers will be exposed to airborne levels above the PEL and must provide workers with Hazard Communication Training, and personal protective equipment, including HEPA-equipped respirators. A hand-washing facility must be present at the worksite.

To reduce potential liability, the Owner may elect to have a certified lead professional conduct perimeter air monitoring on their behalf to provide documentation of airborne lead levels at locations around the site. The lead professional may also provide baseline and/or lead clearance monitoring.

Prior to Disposal of lead-based or lead-containing paint or elements which include lead-based or lead-containing paint, the State of California requires that representative sample(s) of each waste stream waste (along with the substrate where bonded) be submitted to an accredited laboratory and that a Total Threshold Limit Concentration (TTLC) test be performed to determine the total lead content. Dependent upon the result, an SW846 (STLC) may be required to determine the amount of leachable lead. These tests will determine transportation and disposal requirements and may greatly impact the ultimate cost of the work. Due to potential delays associated with conducting the analysis of the waste, it is recommended that the waste characterization be initiated prior to soliciting for bids for the work.

### **LIMITATIONS**

The enclosed asbestos and lead survey and review was limited to the referenced interior and exterior areas involving the specified commercial structure. This investigation is undertaken with the calculated risk that the presence, full nature, and extent of asbestos and lead-containing materials would not be revealed by visual observation and random sampling alone. T. Brooks & Associates, Inc. makes no representations as to the asbestos or lead content of materials which were not specifically tested or which were not readily accessible to the inspector.

At the request of the Client, the scope of sampling and testing was limited to those areas and painted finishes which may be impacted based on the proposed demolition operations. The enclosed findings and recommendations are not intended to represent materials at locations other than those specifically referenced.

Brooks & Associates is not responsible for failure of the Client and/or other design professionals or contractors working under their direction to completely review the enclosed report, as well as other referenced survey reports which include information which may impact operations involving those portions of the subject commercial structure to be impacted by their work.


Certain opinions and recommendations expressed in this report are based on our knowledge and experience with applicable state, federal and local law, and do not reflect other possible adverse conditions not immediately visible or which may be discovered by a more extensive examination including a review of relevant documents which were not available during this investigation.

Our inspection did not include sampling of materials which may contain materials known to be hazardous including polychlorinated biphenyls (PCB's), mercury, radon or other materials. Consideration should be given to testing for these and other hazardous materials which may be present.

Findings presented in this report were based on field observations, random sampling and analysis, review of available data and discussion with local regulatory and advisory agencies. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods involved.

The information presented herewith was based on professional interpretation using presently accepted methods with a degree of conservation deemed proper as of the report date. It is not warranted that such data and/or methods cannot be superseded by future technical developments.

Respectfully Submitted,  
T. Brooks & Associates, Inc.,



**Troy F. Brooks, CAC, RRC, CIEC**  
Certified Asbestos Consultant, No. 92-0186  
CDPH Lead Inspector/Assessor, No. 1398  
CDPH Lead Project Monitor, No. 1398  
CDPH Lead Supervisor, No. 1398  
Certified Indoor Environmental Consultant

## **Table 1**

### **Sampled Materials Analytical Results for Asbestos**

# TABLE 1

## SAMPLED MATERIALS ANALYTICAL RESULTS

### Commercial Building 735 - 741 "H" Street Fresno, California

Client Layer ID		Material Description	Sample Location	Analytical Results
<b>735 "H" Street</b>				
1-01	1	Drywall	Room 1 - Wall	None Detected
	2	Taping Mud	Room 1 - Wall	2% Chrysotile
	3	Texture	Room 1 - Wall	3% Chrysotile
1-02	1	Drywall	Room 2 - Wall	None Detected
	2	Texture	Room 2 - Wall	3% Chrysotile
1-03	1	Drywall	Room 3 - Wall	None Detected
	2	Taping Mud	Room 3 - Wall	3% Chrysotile
	3	Texture	Room 3 - Wall	3% Chrysotile
2-01	1	Drywall	Room 4 - Wall	None Detected
	2	Taping Mud	Room 4 - Wall	2% Chrysotile
	3	Drywall & Taping Mud Composite	Room 4 - Wall	<1% Chrysotile
2-02	1	Drywall	Room 4 - Wall	None Detected
	2	Taping Mud	Room 4 - Wall	2% Chrysotile
	3	Drywall & Taping Mud Composite	Room 4 - Wall	<1% Chrysotile
3-01	1	Wall Panel	Room 2 - Wall	15% Chrysotile
3-02	1	Wall Panel	Room 2 - Wall	15% Chrysotile
4-01	1	9"x9" Brown Vinyl Floor Tile	Room 1 - Floor	5% Chrysotile
	2	Mastic	Room 1 - Floor	None Detected
	3	9"x9" Vinyl Floor Tile	Room 1 - Floor	10% Chrysotile
	4	Mastic	Room 1 - Floor	None Detected

# Table 1 - Continued

Client Layer ID		Material Description	Sample Location	Analytical Results
735 "H" Street (Continued)				
4-02	1	9"x9" Brown Vinyl Floor Tile	Room 1 - Floor	5% Chrysotile
	2	Mastic	Room 1 - Floor	<1% Chrysotile
	3	9"x9" Vinyl Floor Tile	Room 1 - Floor	5% Chrysotile
	4	Mastic	Room 1 - Floor	2% Chrysotile
5-01	1-2	12"x12" Green Vinyl Floor Tile & Mastic	Room 1 - Floor	None Detected
5-02	1-2	12"x12" Green Vinyl Floor Tile & Mastic	Room 2 - Floor	None Detected
6-01	1-2	4" Black Cove Base & Adhesive	Room 1 - Floor	None Detected
6-02	1-2	4" Black Cove Base & Adhesive	Room 1 - Floor	None Detected
7-01	1-2	1' x 1' Ceiling Tile & Mastic	Room 1 - Ceiling	None Detected
7-02	1-2	1' x 1' Ceiling Tile & Mastic	Room 1 - Ceiling	None Detected
8-01	1-2	Wood Panel & Mastic	Room 11 - Floor	None Detected
8-02	1-2	Wood Panel & Mastic	Room 11 - Floor	None Detected
9-01	1	Drywall	Room 8 - Wall	None Detected
	2	Taping Mud	Room 8 - Wall	2% Chrysotile
	3	Drywall & Taping Mud Composite	Room 8 - Wall	<1% Chrysotile
9-02	1	Drywall	Room 8 - Wall	None Detected
	2	Taping Mud	Room 8 - Wall	3% Chrysotile
	3	Drywall & Taping Mud Composite	Room 8 - Wall	<1% Chrysotile
9-03	1	Drywall	Room 10 - Wall	None Detected
	2	Taping Mud	Room 10 - Wall	3% Chrysotile
	3	Drywall & Taping Mud Composite	Room 10 - Wall	<1% Chrysotile
9-04	1	Drywall	Room 8 - Wall	None Detected
	2	Taping Mud	Room 8 - Wall	3% Chrysotile
	3	Drywall & Taping Mud Composite	Room 8 - Wall	<1% Chrysotile
9-05	1	Drywall	Room 8 - Wall	None Detected
	2	Taping Mud	Room 8 - Wall	3% Chrysotile
	3	Drywall & Taping Mud Composite	Room 8 - Wall	<1% Chrysotile

# Table 1 - Continued

Client Layer ID		Material Description	Sample Location	Analytical Results
<b>735 "H" Street (Continued)</b>				
10-01	1-2	Plaster & Texture/Paint	Room 5 - Wall	None Detected
10-02	1-2	Plaster & Texture/Paint	Room 5 - Wall	None Detected
10-03	1	Plaster	Room 6 - Wall	None Detected
11-01	1	Vinyl Sheet Flooring	Room 5 - Floor	None Detected
	2-3	Vinyl Sheet Flooring & Mastic	Room 5 - Floor	None Detected
11-02	1-2	Vinyl Sheet Flooring (2 layers)	Room 5 - Floor	None Detected
<b>12-01</b>	<b>1</b>	<b>Vibration Damper</b>	<b>Mechanical Rm. Above Rm. 7</b>	<b>50% Chrysotile</b>
<b>12-02</b>	<b>1</b>	<b>Vibration Damper</b>	<b>Mechanical Rm. Above Rm. 7</b>	<b>50% Chrysotile</b>
13-01	1	Duct Cloth	Mechanical Rm. Above Rm. 7	None Detected
13-02	1	Duct Cloth	Mechanical Rm. Above Rm. 7	None Detected
<b>14-01</b>	<b>1</b>	<b>9"x9" Vinyl Floor Tile</b>	<b>Room 8 - Floor</b>	<b>10% Chrysotile</b>
	<b>2</b>	<b>Mastic</b>	<b>Room 8 - Floor</b>	<b>2% Chrysotile</b>
	3-4	Vapor Barrier & Mastic	Room 8 - Floor	None Detected
<b>14-02</b>	<b>1</b>	<b>9"x9" Vinyl Floor Tile</b>	<b>Room 10 - Floor</b>	<b>10% Chrysotile</b>
	<b>2</b>	<b>Mastic</b>	<b>Room 10 - Floor</b>	<b>&lt;1% Chrysotile</b>
15-01	1	6' x 4' Ceiling Tile	Room 8 - Ceiling	None Detected
15-02	1	6' x 4' Ceiling Tile	Room 8 - Ceiling	None Detected
16-01	1-2	Plaster	Room 8 - Wall	None Detected
16-02	1-2	Plaster	Room 8 - Wall	None Detected
16-03	1	Plaster	Room 13 - Wall	None Detected
17-01	1	1' x 1' Ceiling Tile	Mechanical Rm. Above Rm. 7	None Detected
17-02	1	1' x 1' Ceiling Tile	Mechanical Rm. Above Rm. 7	None Detected
<b>18-01</b>	<b>1</b>	<b>Wall Panel</b>	<b>Mechanical Rm. Above Rm. 7</b>	<b>10% Chrysotile</b>
<b>18-02</b>	<b>1</b>	<b>Wall Panel</b>	<b>Mechanical Rm. Above Rm. 7</b>	<b>12% Chrysotile</b>

# Table 1 - Continued

Client Layer ID		Material Description	Sample Location	Analytical Results
<b>741 "H" Street</b>				
1-01	1	Plaster	Room 1 - Wall	None Detected
1-02	1	Plaster	Room 1 - Wall	None Detected
1-03	1	Plaster	Room 1 - Wall	None Detected
<b>735 - 741 "H" Street - Exterior Samples</b>				
01	1-4	Built-up Roof	Roof	None Detected
02	1-4	Built-up Roof	Roof	None Detected
<b>03</b>	<b>1</b>	<b>Plastic Roof Cement</b>	<b>Roof Penetration</b>	<b>10% Chrysotile</b>
<b>04</b>	<b>1</b>	<b>Plastic Roof Cement</b>	<b>Roof Penetration</b>	<b>10% Chrysotile</b>
05	1-2	Block & Mortar	Exterior - Wall	None Detected
06	1-2	Block & Mortar	Exterior - Wall	None Detected
<b>Additional Layers for Previous Samples</b>				
01	1-4	Built-up Roof	Roof	None Detected
02	1-4	Built-up Roof	Roof	None Detected
<b>Samples Re-Analyzed by Point Count Method</b>				
<b>2-01</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 4 - Wall</b>	<b>0.3% Chrysotile</b>
<b>2-02</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 4 - Wall</b>	<b>0.4% Chrysotile</b>
<b>9-01</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 8 - Wall</b>	<b>0.3% Chrysotile</b>
<b>9-02</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 8 - Wall</b>	<b>0.5% Chrysotile</b>
<b>9-03</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 10 - Wall</b>	<b>0.4% Chrysotile</b>
<b>9-04</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 8 - Wall</b>	<b>0.5% Chrysotile</b>
<b>9-05</b>	<b>1</b>	<b>Drywall &amp; Taping Mud Composite</b>	<b>Room 8 - Wall</b>	<b>0.5% Chrysotile</b>

## **Table 2**

### **Asbestos-Containing Materials Assessment**

**TABLE 2****ASBESTOS CONTAINING MATERIALS ASSESSMENT**

**Commercial Building  
735, 739 & 741 "H" Street  
Fresno, California**

<b>Material Description</b>	<b>Material Location</b>	<b>% Asb.</b>	<b>* F/ NF</b>	<b>Quantity</b>	<b>Cost Estimate</b>
<b>735 "H" Street</b>					
Drywall Taping Mud & Texture	Rooms 1, 2 & 3 - Walls	2-3%	F	1,265 sq. ft.	<b>\$5,060.00</b>
Drywall Taping Mud	Rooms 4 & 8 - Walls; Rooms 9, 10, 11 & 12 - Walls & Ceilings	0.5%	ACCM	4,090 sq. ft.	<b>\$12,270.00</b>
Wall Panel	Room 2; Mechanical Room above Room 7	15%	NF	264 sq. ft.	<b>\$1,320.00</b>
9"x9" Vinyl Floor Tile & Mastic	Rooms 1, 8, 9, 10 & 12	2-10%	NF**	1,740 sq. ft.	<b>\$5,220.00</b>
Vibration Damper	Mechanical Room above Room 7	50%	F	16 sq. ft.	<b>\$800.00</b>
Plastic Roof Cement	Roof Penetrations	10%	NF	15 sq. ft.	<b>\$1,500.00</b>
<b>739 "H" Street</b>					
Drywall & Taping Mud	Throughtout - Walls	Assumed	F	136 sq. ft.	<b>\$680.00</b>
<b>TOTAL COST ESTIMATE:</b>					<b>\$26,850.00</b>

\* NF = Non-friable

F = Friable

ACCM = Asbestos Containing Construction Material

\*\* Removal of Vinyl Tile & Mastic by Mechanical Means would change the Classification to Friable (RACM)

## **Appendix A**

### **Laboratory Report for Asbestos & Chain of Custody (PLM Analysis)**

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0141214**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/20/2014
Collected:	05/14/2014	Date Reported:	05/20/2014
Project Name:	COMMERICAL BLDG-735 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-001 1-01	RM 1	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber 12% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White/ Beige	Yes	Chrysotile 2%	Cellulose Fiber 2% Carbonates Mica Quartz 96%
		LAYER 3 Texture, Beige	Yes	Chrysotile 3%	Carbonates Mica Quartz Binder/Filler 97%
0141214-002 1-02	RM 2	LAYER 1 Drywall, Off White/ Brown Note: No Taping Mud Present	No	None Detected	Cellulose Fiber 10% Gypsum Carbonates Mica Quartz 90%
		LAYER 2 Texture, Beige	Yes	Chrysotile 3%	Cellulose Fiber 1% Carbonates Mica Quartz Binder/Filler 96%

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0141214**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/20/2014
Collected:	05/14/2014	Date Reported:	05/20/2014
Project Name:	COMMERICAL BLDG-735 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0141214-003 1-03	RM 3	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber	12%
					Gypsum Carbonates Mica	88%
		LAYER 2 Taping Mud, Off White/ Beige	Yes	Chrysotile 3%	Cellulose Fiber	2%
					Carbonates Mica Quartz	95%
		LAYER 3 Texture, Beige	Yes	Chrysotile 3%	Carbonates Mica Quartz Binder/Filler	97%
0141214-004 2-01	RM 4	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber	10%
					Fibrous Glass	3%
					Gypsum Carbonates Mica	87%
		LAYER 2 Taping Mud, Off White/ Beige Note: Very small amount of sample	Yes	Chrysotile 2%	Cellulose Fiber	4%
					Carbonates Mica Binder/Filler	94%
		LAYER 3 Drywall/ Taping Mud Composite, Off White/ Beige/ Brown Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber	12%
					Gypsum Carbonates Mica Binder/Filler	87%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-005 2-02	RM 4	LAYER 1 Drywall, Off White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 3% Gypsum Carbonates Mica Quartz 87%
		LAYER 2 Taping Mud, Off White/ Beige Note: Very small amount of sample	Yes	Chrysotile 2%	Cellulose Fiber 1% Carbonates Mica Quartz Binder/Filler 97%
		LAYER 3 Drywall/ Taping Mud Composite, Off White/ Brown/ Beige Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 11% Gypsum Carbonates Mica Quartz Binder/Filler 88%
0141214-006 3-01	RM 2	Wall Panel, White/ Green/ Gray	Yes	Chrysotile 15%	Carbonates Gypsum Quartz Binder/Filler 85%
0141214-007 3-02	RM 2	Wall Panel, White/ Green/ Gray	Yes	Chrysotile 15%	Carbonates Gypsum Quartz Binder/Filler 85%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-008 4-01	RM 1	LAYER 1 9"x9" VFT, Tan	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
		LAYER 2 Mastic, Black	No	None Detected	Cellulose Fiber 1% Carbonates Binder/Filler 99%
		LAYER 3 9"x9" VFT, Beige	Yes	Chrysotile 10%	Carbonates Quartz Binder/Filler 90%
		LAYER 4 Mastic, Black	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%
0141214-009 4-02	RM 1	LAYER 1 9"x9" VFT, Tan	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
		LAYER 2 Mastic, Black Note: Difficult to separate adjacent layer	Yes	Chrysotile <1%	Cellulose Fiber 2% Carbonates Quartz Binder/Filler 97%
		LAYER 3 9"x9" VFT, Beige	Yes	Chrysotile 5%	Carbonates Quartz Binder/Filler 95%
		LAYER 4 Mastic, Black	Yes	Chrysotile 2%	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 97%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-010 5-01	RM 1	LAYER 1 12"x12" VFT, Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Brown-Clear	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 2% 98%
0141214-011 5-02	RM 2	LAYER 1 12"x12" VFT, Green	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Mastic, Brown-Clear	No	None Detected	Cellulose Fiber Synthetic Fiber Carbonates Quartz Binder/Filler 2% <1% 97%
0141214-012 6-01	RM 1	LAYER 1 4" Covebase, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Adhesive, Cream	No	None Detected	Cellulose Fiber Carbonates Quartz Binder/Filler 1% 99%
0141214-013 6-02	RM 1	LAYER 1 4" Covebase, Black	No	None Detected	Carbonates Quartz Binder/Filler 100%
		LAYER 2 Adhesive, Cream	No	None Detected	Cellulose Fiber Carbonates Binder/Filler <1% 99%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-014 7-01	RM 1	LAYER 1 1x1 Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 90% Gypsum Carbonates Binder/Filler 10%
		LAYER 2 Mastic, Brown	No	None Detected	Cellulose Fiber <1% Quartz Gypsum Binder/Filler 99%
0141214-015 7-02	RM 1	LAYER 1 1x1 Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 90% Gypsum Carbonates Binder/Filler 10%
		LAYER 2 Mastic, Brown	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Mica Binder/Filler 99%
0141214-016 8-01	RM 11	LAYER 1 Wood Panel, Brown	No	None Detected	Cellulose Fiber 95% Gypsum Carbonates Binder/Filler 5%
		LAYER 2 Mastic, Brown	No	None Detected	Cellulose Fiber 1% Carbonates Quartz Binder/Filler 99%
0141214-017 8-02	RM 11	LAYER 1 Wood Panel, Brown	No	None Detected	Cellulose Fiber 95% Gypsum Carbonates Binder/Filler 5%
		LAYER 2 Mastic, Brown	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Binder/Filler 99%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-018 9-01	RM 8	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White	Yes	Chrysotile 2%	Cellulose Fiber 2% Carbonates Mica Quartz Binder/Filler 96%
		LAYER 3 Drywall/ Taping Mud Composite, White/ Brown/ Off White Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 11% Gypsum Carbonates Mica Quartz Binder/Filler 88%
0141214-019 9-02	RM 8	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White	Yes	Chrysotile 3%	Carbonates Mica Quartz Binder/Filler 97%
		LAYER 3 Drywall/ Taping Mud Composite, White/ Brown/ Off White Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 9% Fibrous Glass 1% Gypsum Carbonates Mica Quartz Binder/Filler 89%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-020 9-03	RM 10	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White	Yes	Chrysotile 3%	Carbonates Mica Quartz Binder/Filler 97%
		LAYER 3 Drywall/ Taping Mud Composite, White/ Brown/ Off White Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 9% Fibrous Glass 1% Gypsum Carbonates Mica Quartz Binder/Filler 89%
0141214-021 9-04	RM 8	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White	Yes	Chrysotile 3%	Cellulose Fiber <1% Carbonates Mica Quartz Binder/Filler 96%
		LAYER 3 Drywall/ Taping Mud Composite, White/ Brown/ Off White Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 9% Fibrous Glass 1% Gypsum Carbonates Mica Quartz Binder/Filler 89%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-022 9-05	RM 8	LAYER 1 Drywall, White/ Brown	No	None Detected	Cellulose Fiber 10% Fibrous Glass 2% Gypsum Carbonates Mica 88%
		LAYER 2 Taping Mud, Off White	Yes	Chrysotile 3%	Cellulose Fiber <1% Carbonates Mica Quartz Binder/Filler 96%
		LAYER 3 Drywall/ Taping Mud Composite, White/ Brown/ Off White Note: COMPOSITE ANALYSIS REQUESTED	Yes	Chrysotile <1%	Cellulose Fiber 9% Fibrous Glass 1% Gypsum Carbonates Mica Quartz Binder/Filler 89%
0141214-023 10-01	RM 5	LAYER 1 Plaster, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica Binder/Filler 99%
		LAYER 2 Texture / Paint, Off White/ Lt. Green Note: Unable to separate adjacent layers	No	None Detected	Carbonates Mica Binder/Filler 100%

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Project Name:	COMMERICAL BLDG-735 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-024 10-02	RM 5	LAYER 1 Plaster, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica Binder/Filler 99%
		LAYER 2 Texture / Paint, Off White/ Lt. Green Note: Layer is mainly Paint - little Texture present	No	None Detected	Carbonates Mica Binder/Filler 100%
0141214-025 10-03	RM 6	Plaster, Beige	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica Binder/Filler 99%
0141214-026 11-01	RM 5	LAYER 1 Vinyl Sheet Flooring, Tan/ Black	No	None Detected	Cellulose Fiber 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Vinyl Sheet Flooring, Brown/ Black	No	None Detected	Cellulose Fiber 20% Synthetic Fiber 5% Carbonates Quartz Binder/Filler 75%
		LAYER 3 Mastic, Brown/ Black	No	None Detected	Cellulose Fiber 3% Carbonates Quartz Binder/Filler 97%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-027 11-02	RM 5	LAYER 1 Vinyl Sheet Flooring, Tan/ Black	No	None Detected	Cellulose Fiber 20% Carbonates Quartz Binder/Filler 80%
		LAYER 2 Vinyl Sheet Flooring, Brown/ Black Note: No Mastic Present	No	None Detected	Cellulose Fiber 20% Synthetic Fiber 5% Carbonates Quartz Binder/Filler 75%
0141214-028 12-01	MECH RM ABOVE RM 7	Vibration Damper, White	Yes	Chrysotile 50%	Synthetic Fiber 45% Carbonates Binder/Filler 5%
0141214-029 12-02	MECH RM ABOVE RM 7	Vibration Damper, White	Yes	Chrysotile 50%	Synthetic Fiber 45% Carbonates Binder/Filler 5%
0141214-030 13-01	MECH RM ABOVE RM 7	Duct Cloth, Beige	No	None Detected	Synthetic Fiber 90% Gypsum Binder/Filler 10%
0141214-031 13-02	MECH RM ABOVE RM 7	Duct Cloth, Beige	No	None Detected	Synthetic Fiber 90% Gypsum Binder/Filler 10%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-032 14-01	RM 8	LAYER 1 9"x9" Vinyl Floor Tile, Tan	Yes	Chrysotile 10%	Non-Fibrous Tremolite 5% Carbonates Quartz Binder/Filler 85%
		LAYER 2 Mastic, Black Note: Difficult to separate adjacent layer	Yes	Chrysotile 2%	Cellulose Fiber <1% Carbonates Gypsum Quartz Binder/Filler 97%
		LAYER 3 Vapor Barrier, Black	No	None Detected	Cellulose Fiber 50% Synthetic Fiber 5% Carbonates Quartz Binder/Filler 45%
		LAYER 4 Mastic, Brown	No	None Detected	Cellulose Fiber 2% Gypsum Carbonates Binder/Filler 98%
0141214-033 14-02	RM 10	LAYER 1 9"x9" Vinyl Floor Tile, Tan	Yes	Chrysotile 10%	Non-Fibrous Tremolite 5% Carbonates Quartz Binder/Filler 85%
		LAYER 2 Mastic, Black Note: Difficult to separate adjacent layer	Yes	Chrysotile <1%	Cellulose Fiber 1% Carbonates Gypsum Binder/Filler 98%
0141214-034 15-01	RM 8	6x4 Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 90% Gypsum Carbonates Binder/Filler 10%
0141214-035 15-02	RM 8	6x4 Ceiling Tile, White/ Brown	No	None Detected	Cellulose Fiber 90% Gypsum Carbonates Binder/Filler 10%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-036 16-01	RM 8	LAYER 1 Plaster-Scratch Coat, Gray	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica 99%
		LAYER 2 Plaster-Finish Coat, Off White/ Green	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
0141214-037 16-02	RM 8	LAYER 1 Plaster-Scratch Coat, Gray	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica 99%
		LAYER 2 Plaster-Finish Coat, Off White/ Green	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
0141214-038 16-03	RM 13	Plaster, Tan	No	None Detected	Carbonates Gypsum Quartz Mica Binder/Filler 100%
0141214-039 17-01	MECH RM ABOVE RM 7	1x1 Ceiling Tile, Off White/ Brown	No	None Detected	Cellulose Fiber 90%
					Gypsum Binder/Filler 10%
0141214-040 17-02	MECH RM ABOVE RM 7	1x1 Ceiling Tile, Off White/ Brown	No	None Detected	Cellulose Fiber 90%
					Gypsum Binder/Filler 10%

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Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141214-041 18-01	MECH RM ABOVE RM 7	Wall Panel, Gray	Yes	Chrysotile 10%	Carbonates Gypsum Quartz Binder/Filler 90%
0141214-042 18-02	MECH RM ABOVE RM 7	Wall Panel, Gray	Yes	Chrysotile 12%	Carbonates Gypsum Quartz Binder/Filler 88%



Analyst - Kenneth Scheske



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicated or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

141214

CHAIN OF CUSTODY RECORD										TURN-AROUND TIME			
PAGE 1 OF 5		TESTING LAB: EMC		PROJECT INFORMATION				<input type="checkbox"/> 6 HRS. <input checked="" type="checkbox"/> 24 HRS. : <input checked="" type="checkbox"/> EMAIL RESULTS TO: brooksconsult@sbcglobal.net					
BILL TO:		PROJECT NAME:		COMMERCIAL BLDG									
T. BROOKS & ASSOCIATES, INC		ADDRESS:		735 H STREET									
ROOF AND ENVIRONMENTAL CONSULTANTS		PROJECT #		14-7146									
613 HARVARD AVE., STE. 201, CLOVIS, CA. 93612		CONTACT		<input type="checkbox"/> TROY B. <input checked="" type="checkbox"/> TIM T. <input type="checkbox"/> CHAD C. : 287-8357 284-5573 999-3417									
PHONE: (559) 298-9135 FAX: (559) 298-2281		MOBIL # (559)											
SAMPLE #	SAMPLE DESCRIPTION	TIME ON TIME OFF	TOTAL TIME	START	STOP	VOLUME	P C M	P L M	T E M	L E A D	L E A D	L E A D	L E A D
1-01	MAT LOC.: RM 1 MAT DESC. DRYWALL/TAPING MUD/TEXTURE												
1-02	MAT LOC.: RM 2 MAT DESC. DRYWALL/TAPING MUD/TEXTURE												
1-03	MAT LOC.: RM 3 MAT DESC. DRYWALL/TAPING MUD/TEXTURE												
2-01	MAT LOC.: RM 4 MAT DESC. DRYWALL/TAPING MUD												
2-02	MAT LOC.: RM 4 MAT DESC. DRYWALL/TAPING MUD												
3-01	MAT LOC.: RM 2 MAT DESC. WALL PANEL												
3-02	MAT LOC.: RM 2 MAT DESC. WALL PANEL												
4-01	MAT LOC.: RM 1 MAT DESC. 9X9 VFT AND MASTIC (MULTI LAYERS)												
4-02	MAT LOC.: RM 1 MAT DESC. 9X9 VFT AND MASTIC (MULTI LAYERS)												
5-01	MAT LOC.: RM 1 MAT DESC. 12X12 VFT AND MASTIC												
TRANSACTIONS		TRANSACTIONS		TRANSACTIONS		TRANSACTIONS		TRANSACTIONS		TRANSACTIONS		TRANSACTIONS	
(RELINQUISHED BY SIGNATURE)		(APPROVED BY SIGNATURE)		DATE: 5/14/14		DATE: 5/19/14		DATE: 5/19/14		DATE: 5/19/14		DATE: 5/19/14	
Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina	
(RELINQUISHED BY SIGNATURE)		(APPROVED BY SIGNATURE)		DATE: 5/14/14		DATE: 5/19/14		DATE: 5/19/14		DATE: 5/19/14		DATE: 5/19/14	
Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina		Diana Fedina	

1 2 3 4 5 6 7 8 9 10

141214

CHAIN OF CUSTODY RECORD										TURN-AROUND TIME	
PAGE 7 OF 5		TESTING LAB: EMC		PROJECT INFORMATION						<input type="checkbox"/> 6 HRS. <input checked="" type="checkbox"/> 24 HRS. <input type="checkbox"/>	
DATE 5/9/2014		BILL TO:		COMMERCIAL BLDG						EMAIL RESULTS TO: brooksconsult@sbcglobal.net	
T. BROOKS & ASSOCIATES, INC		PROJECT NAME:		735 H STREET							
ROOF AND ENVIRONMENTAL CONSULTANTS		ADDRESS:		14-7146							
613 HARVARD AVE., STE. 201, CLOVIS, CA.93612		PROJECT #		TIM T. <input checked="" type="checkbox"/> CHAD C. <input type="checkbox"/>							
PHONE: (559) 298-9135 FAX: (559) 298-2281		CONTACT		TROY B. <input type="checkbox"/> 287-8357 284-5573 999-3417							
MOBIL # (559)		TIME ON TIME OFF		TOTAL TIME		START		STOP		VOLUME	
SAMPLE #		SAMPLE DESCRIPTION		FLOOR		CEILING		WALL		T E M	
5-02	MAT LOC.: RM 2	FLOOR									
	MAT DESC. 12X12 VFT AND MASTIC	GREEN									
6-01	MAT LOC.: RM 1	WALL									
	MAT DESC. 4" BLK COVE BASE AND ADH.										
6-02	MAT LOC.: RM 1	WALL									
	MAT DESC. 4" BLK COVE BASE AND ADH.										
7-01	MAT LOC.: RM 1	CEILING									
	MAT DESC. 1X1 CEILING TILE AND MASTIC										
7-02	MAT LOC.: RM 1	WALL									
	MAT DESC. 1X1 CEILING TILE AND MASTIC										
8-01	MAT LOC.: RM 11	FLOOR									
	MAT DESC. WOOD PANEL										
8-02	MAT LOC.: RM 11	FLOOR									
	MAT DESC. WOOD PANEL										
9-01	MAT LOC.: RM 8	WALL									
	MAT DESC. DRYWALL/TAPING MUD										
9-02	MAT LOC.: RM 8	WALL									
	MAT DESC. DRYWALL/TAPING MUD										
9-03	MAT LOC.: RM 10	WALL									
	MAT DESC. DRYWALL/TAPING MUD										
TRANSACTIONS				TRANSACTIONS				SHIPPING PAID BY:			
(RELINQUISHED BY SIGNATURE)				(APPROVED BY SIGNATURE)				DATE: 5/19/14			
<i>Diana Fedina</i>				<i>Diana Fedina</i>				LAB <input checked="" type="checkbox"/> X			
(RELINQUISHED BY SIGNATURE)				(APPROVED BY SIGNATURE)				CLIENT			
<i>Diana Fedina</i>				<i>Diana Fedina</i>				BROOKS			

11 12 13 14 15 16 17 18 19 20

4/12/14

CHAIN OF CUSTODY RECORD										TURN-AROUND TIME	
PAGE 3 OF 5		TESTING LAB: EMC		PROJECT INFORMATION						<input type="checkbox"/> 6 HRS. <input checked="" type="checkbox"/> 24 HRS. <input type="checkbox"/>	
DATE 5/9/2014		PROJECT NAME: COMMERCIAL BLDG						EMAIL RESULTS TO: brooksconsult@sbcglobal.net			
BILL TO:		ADDRESS: 735 H STREET									
T. BROOKS & ASSOCIATES, INC		PROJECT # 14-7146									
ROOM AND ENVIRONMENTAL CONSULTANTS		CONTACT: CHAD C. [ ]									
613 HARVARD AVE., STE. 201, CLOVIS, CA. 93612		MOBIL # (559) 287-8357									
PHONE: (559) 298-9135 FAX: (559) 298-2281		TROY B. [ ] TIM T. [ ] CHAD C. [ ]									
SAMPLE #	SAMPLE DESCRIPTION	TIME ON TIME OFF	TOTAL TIME	START	STOP	VOLUME	P C M	P L M	T E M	L E A D W I P E	L E A D P A I N T
9-04	MAT LOC.: RM 8										
	MAT DESC. DRYWALL/TAPING MUD										
9-05	MAT LOC.: RM 8										
	MAT DESC. DRYWALL/TAPING MUD										
10-01	MAT LOC.: RM 5										
	MAT DESC. PLASTER										
10-02	MAT LOC.: RM 5										
	MAT DESC. PLASTER										
10-03	MAT LOC.: RM 6										
	MAT DESC. PLASTER										
11-01	MAT LOC.: RM 5										
	MAT DESC. VINYL SHEET FLOORING										
11-02	MAT LOC.: RM 5										
	MAT DESC. VINYL SHEET FLOORING										
12-01	MAT LOC.: MECH RM ABOVE RM 7										
	MAT DESC. VIB. DAMP.										
12-02	MAT LOC.: MECH RM ABOVE RM 7										
	MAT DESC. VIB. DAMP.										
13-01	MAT LOC.: MECH RM ABOVE RM 7										
	MAT DESC. DUCT CLOTH										
TRANSACTIONS											
TRANSACTIONS											
SHIPPING PAID BY:											

(RELINQUISHED BY SIGNATURE)	DATE: 5/14/14	(APPROVED BY SIGNATURE)	DATE: 5/19/14
(RELINQUISHED BY SIGNATURE)	DATE: 5/19/14	(APPROVED BY SIGNATURE)	DATE: 5/19/14
LAB X		CLIENT BROOKS	

21 22 23 24 25 26 27 28 29 30

PAGE <u>4</u> OF <u>5</u>		<b>CHAIN OF CUSTODY RECORD</b>				TURN-AROUND TIME		
DATE <u>5/9/2014</u>		TESTING LAB: <b>EMC</b>		<input type="checkbox"/> 6 HRS. <input checked="" type="checkbox"/> 24 HRS. <input type="checkbox"/> :		EMAIL RESULTS TO: brooksconsult@sbcglobal.net		
BILL TO:		PROJECT INFORMATION						
<b>T. BROOKS &amp; ASSOCIATES, INC</b> ROOF AND ENVIRONMENTAL CONSULTANTS 613 HARVARD AVE., STE. 201, CLOVIS, CA. 93612 PHONE: (559) 298-9135 FAX: (559) 298-2281		PROJECT NAME:		COMMERCIAL BLDG				
		ADDRESS:		735 H STREET				
		PROJECT #		14-7146				
		CONTACT		<input type="checkbox"/> TROY B. <input checked="" type="checkbox"/> TIM T. <input type="checkbox"/> CHAD C. :				
		MOBIL # (559)		287-8357   284-5573   999-3417				
SAMPLE #	SAMPLE DESCRIPTION	TIME ON TIME OFF	TOTAL TIME	START	STOP	VOLUME	P C M P L M T E M	L E A D L E A D L E A D W I P E T E M A I R P A I N T
13-02	MAT LOC.: MECH RM ABOVE RM 7 MAT DESC. DUCT CLOTH						X	
14-01	MAT LOC.: RM 8 MAT DESC. 9"X9" VINYL FLOOR TILE						X	
14-02	MAT LOC.: RM 10 MAT DESC. 9"X9" VINYL FLOOR TILE						X	
15-01	MAT LOC.: RM 8 MAT DESC. 6X4 CEILING TILE						X	
15-02	MAT LOC.: RM 8 MAT DESC. 6X4 CEILING TILE						X	
16-01	MAT LOC.: RM 8 MAT DESC. PLASTER						X	
16-02	MAT LOC.: RM 8 MAT DESC. PLASTER						X	
16-03	MAT LOC.: RM 13 MAT DESC. PLASTER						X	
17-01	MAT LOC.: MECH RM ABOVE RM 7 MAT DESC. 1X1 CT						X	
17-02	MAT LOC.: MECH RM ABOVE RM 7 MAT DESC. 1X1 CT						X	
TRANSACTIONS		TRANSACTIONS			SHIPPING PAID BY :			
(RELINQUISHED BY SIGNATURE)		(APPROVED BY SIGNATURE)			DATE: <u>5/19/14</u>			
<i>Diana Fedriz</i>		<i>Diana Fedriz</i>			LAB <u>X</u>			
(RELINQUISHED BY SIGNATURE)		(APPROVED BY SIGNATURE)			CLIENT			
<i>Diana Fedriz</i>		<i>Diana Fedriz</i>			BROOKS			

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# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0141213**


## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/20/2014
Collected:	05/09/2014	Date Reported:	05/20/2014
Project Name:	COMMERCIAL BLDG-741 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141213-001 1-01	RM 1	Wall Plaster, Off White/ Beige	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Binder/Filler 99%
0141213-002 1-02	RM 1	Wall Plaster, Off White/ Beige	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Binder/Filler 99%
0141213-003 1-03	RM 1	Wall Plaster, Off White/ Beige	No	None Detected	Cellulose Fiber <1% Gypsum Quartz Carbonates Binder/Filler 99%

  
Analyst - Johann Hofer

  
Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

[illegible]

# EMC LABS, INC.

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Laboratory Report  
**0141215**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/19/2014
Collected:	05/16/2014	Date Reported:	05/20/2014
Project Name:	COMMERCIAL BLDG-735-741 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents			
0141215-001 01	ROOF	LAYER 1 BUR, White/ Black	No	None Detected	Fibrous Glass	15%		
					Quartz			
					Carbonates			
							Binder/Filler	85%
		LAYER 2 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
					Binder/Filler	70%		
		LAYER 3 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
					Binder/Filler	70%		
		LAYER 4 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
Binder/Filler	70%							
Please see EMC Labs Sample Number 0141215-007 for Additional Layers								
0141215-002 02	ROOF	LAYER 1 BUR, White/ Black	No	None Detected	Fibrous Glass	15%		
					Quartz			
					Carbonates			
							Binder/Filler	85%
		LAYER 2 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
					Binder/Filler	70%		
		LAYER 3 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
					Binder/Filler	70%		
		LAYER 4 BUR, Black	No	None Detected	Fibrous Glass	30%		
					Quartz			
Binder/Filler	70%							
Please see EMC Labs Sample Number 0141215-008 for Additional Layers								
0141215-003 03	ROOF	Penetration Mastic, Gray/ Black	Yes	Chrysotile	10%			
						Carbonates		
						Binder/Filler	90%	

# EMC LABS, INC.

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Laboratory Report  
**0141215**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/19/2014
Collected:	05/16/2014	Date Reported:	05/20/2014
Project Name:	COMMERCIAL BLDG-735-741 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
0141215-004 04	ROOF	Penetration Mastic, Gray/ Black	Yes	Chrysotile 10%	Cellulose Fiber 2% Carbonates Binder/Filler 88%
0141215-005 05	EXT	LAYER 1 Ext. Block, Red/ Off White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Mortar, Gray/ Off White	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica Binder/Filler 99%
0141215-006 06	EXT	LAYER 1 Ext. Block, Red/ Off White	No	None Detected	Quartz Gypsum Binder/Filler 100%
		LAYER 2 Mortar, Gray/ Off White	No	None Detected	Cellulose Fiber <1% Carbonates Quartz Gypsum Mica Binder/Filler 99%

# EMC LABS, INC.

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Laboratory Report  
**0141215**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/20/2014
Collected:	05/16/2014	Date Reported:	05/20/2014
Project Name:	COMMERCIAL BLDG-735-741 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents	
0141215-007 01	ADDITIONAL LAYERS	LAYER 1 BUR, Black	No	None Detected	Fibrous Glass	30%
					Carbonates Binder/Filler	70%
		LAYER 2 BUR, Black	No	None Detected	Fibrous Glass	30%
					Carbonates Binder/Filler	70%
		LAYER 3 BUR, Black	No	None Detected	Fibrous Glass	30%
					Carbonates Binder/Filler	70%
		LAYER 4 BUR, Brown	No	None Detected	Cellulose Fiber	85%
					Gypsum Perlite Binder/Filler	15%
0141215-008 02	ADDITIONAL LAYERS	LAYER 1 BUR, Black	No	None Detected	Fibrous Glass	30%
					Quartz Binder/Filler	70%
		LAYER 2 BUR, Black	No	None Detected	Fibrous Glass	30%
					Carbonates Binder/Filler	70%
		LAYER 3 BUR, Black	No	None Detected	Fibrous Glass	30%
					Carbonates Binder/Filler	70%
		LAYER 4 BUR, Brown	No	None Detected	Cellulose Fiber	85%
					Gypsum Perlite Binder/Filler	15%

# EMC LABS, INC.

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Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

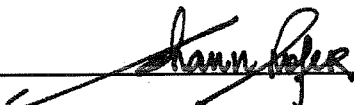
Laboratory Report  
**0141215**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/19/2014
	CLOVIS CA 93612	Date Analyzed:	05/20/2014
Collected:	05/16/2014	Date Reported:	05/20/2014
Project Name:	COMMERCIAL BLDG-735-741 H STREET	EPA Method:	EPA 600/R-93/116
Address:		Submitted By:	TIM THOMAS
		Collected By:	

Lab ID	Sample	Layer Name /	Asbestos	Asbestos Type	Non-Asbestos
Client ID	Location	Sample Description	Detected	(%)	Constituents



Analyst - Johann Hofer



Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.



# EMC LABS, INC.

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Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0141306**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/21/2014
	CLOVIS CA 93612	Date Analyzed:	05/22/2014
Collected:	05/14/2014	Date Reported:	05/22/2014
Project Name:	COMMERCIAL BLDG-735 H STREET	EPA Method:	EPA 600/R-93/116
Address:	POINT COUNT VIA EMC LAB #141214	Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
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0141306-001 2-01	RM 4	Drywall/ Taping Mud Composite, Off White/ Beige/ Brown	Yes	Chrysotile	0.3%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	9.2% 2.6%     87.9%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

0141306-002 2-02	RM 4	Drywall/ Taping Mud Composite, Off White/ Brown/ Beige	Yes	Chrysotile	0.4%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.7% 2.6%     88.3%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

0141306-003 9-01	RM 8	Drywall/ Taping Mud Composite, White/ Brown/ Off White	Yes	Chrysotile	0.3%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.8% 1.7%     89.2%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

0141306-004 9-02	RM 8	Drywall/ Taping Mud Composite, White/ Brown/ Off White	Yes	Chrysotile	0.5%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.5% 1.7%     89.3%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

# EMC LABS, INC.

9830 S. 51st Street, Suite B109, Phoenix, AZ 85044  
Phone: 800-362-3373 or 480-940-5294 - Fax: (480) 893-1726

Laboratory Report  
**0141306**

## Bulk Asbestos Analysis by Polarized Light Microscopy

NVLAP#101926-0

Client:	T. BROOKS ASSOCIATES, INC.	Job# / P.O. #:	14-7146
Address:	613 HARVARD AVE, STE 201	Date Received:	05/21/2014
	CLOVIS CA 93612	Date Analyzed:	05/22/2014
Collected:	05/14/2014	Date Reported:	05/22/2014
Project Name:	COMMERCIAL BLDG-735 H STREET	EPA Method:	EPA 600/R-93/116
Address:	POINT COUNT VIA EMC LAB #141214	Submitted By:	TIM THOMAS
		Collected By:	

Lab ID Client ID	Sample Location	Layer Name / Sample Description	Asbestos Detected	Asbestos Type (%)	Non-Asbestos Constituents
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0141306-005 9-03	RM 10	Drywall/ Taping Mud Composite, White/ Brown/ Off White	Yes	Chrysotile	0.4%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.5% 1.7%     89.4%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

0141306-006 9-04	RM 8	Drywall/ Taping Mud Composite, White/ Brown/ Off White	Yes	Chrysotile	0.5%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.7% 1.7%     89.1%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

0141306-007 9-05	RM 8	Drywall/ Taping Mud Composite, White/ Brown/ Off White	Yes	Chrysotile	0.5%	Cellulose Fiber Fibrous Glass Gypsum Carbonates Mica Quartz Binder/Filler	8.5% 1.7%     89.3%
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### COMPOSITE ANALYSIS REQUESTED; 400 Pt. POINT COUNT

  
Analyst - Kenneth Scheske

  
Signatory - Lab Director - Kurt Kettler

Distinctly stratified, easily separable layers of samples are analyzed as subsamples of the whole and are reported separately for each discernible layer. All analyses are derived from calibrated visual estimate and measured in area percent unless otherwise noted. The report applies to the standards or procedures identified and to the sample(s) tested. The test results are not necessarily indicative or representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products, nor do they represent an ongoing quality assurance program unless so noted. These reports are for the exclusive use of the addressed client and that they will not be reproduced wholly or in part for advertising or other purposes over our signature or in connection with our name without special written permission. The report shall not be reproduced except in full, without written approval by our laboratory. The samples not destroyed in testing are retained a maximum of thirty days. The laboratory measurement of uncertainty for the test method is approximately less than 1 by area percent. Accredited by the National Institute of Standards and Technology, Voluntary Laboratory Accreditation Program for selected test method for asbestos. The accreditation or any reports generated by this laboratory in no way constitutes or implies product certification, approval, or endorsement by the National Institute of Standards and Technology. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Polarized Light Microscopy may not be consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials.

# CHAIN OF CUSTODY

EMC Labs, Inc.  
9830 S. 51<sup>st</sup> St., Ste B-109  
Phoenix, AZ 85044  
(800) 362-3373 Fax (480) 893-1726

LAB#: <u>141306</u>
TAT: <u>1 day</u>
Rec'd: <u>MAY 21 AM</u>

COMPANY NAME: T. BROOKS & ASSOCIATES, INC.  
613 Harvard Avenue, Suite 201  
Clovis, CA 93612

CONTACT: Troy Brooks SCAN COC's  
 Phone/Fax: (559) 298-9135 / (559) 298-2281  
 Email: brooksconsult@sbcglobal.net

BILL TO: (If Different Location)

Now Accepting: VISA - MASTERCARD

Price Quoted: \$ \_\_\_\_ / Sample \$ \_\_\_\_ / Layers

**COMPLETE ITEMS 1-4:** (Failure to complete any items may cause a delay in processing or analyzing your samples)1. **TURNAROUND TIME:** [Same Day RUSH] [1-Day] [2-Day] [3-4-5 Day] [6-10 Day]\*\*\*\*Prior confirmation of turnaround time is required

\*\*\*\*Additional charges for rush analysis (please call marketing department for pricing details)

\*\*\*\*Laboratory analysis may be subject to delay if credit terms are not met

2. **TYPE OF ANALYSIS:** [Bulk-PLM] [Air-PCM] [Lead] [Point Count] [Fungi: AOC, W-C, Bulk, Swab, Tape]3. **DISPOSAL INSTRUCTIONS:** [Dispose of samples at EMC] / [Return samples to me at my expense](If you do not indicate preference, EMC will dispose of samples 60 days from analysis.)

4. Project Name: <u>Commercial Bldg. - 735 H Street</u>	
P.O. Number: _____	Project Number: <u>14-7146</u>

EMC SAMPLE #	CLIENT SAMPLE #	DATE & TIME SAMPLED	LOCATION/MATERIAL TYPE	Samples Accepted Yes / No	AIR SAMPLE INFO / COMMENTS		
					ON	OFF	FLOW RATE
1	2-01	5/14		<u>(Y)</u> N			
2	2-02			Y N			
3	9-01			Y N			
4	2			Y N			
5	3			Y N			
6	4			Y N			
7	5			<u>(Y)</u> N			
				Y N			
			<u>Composite</u>	Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			
				Y N			

SPECIAL INSTRUCTIONS: \_\_\_\_\_

Sample Collector: (Print) \_\_\_\_\_ (Signature) \_\_\_\_\_

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: Diana Federico Date/Time: 5/21/14Relinquished by: Diana Federico Date/Time: 5/21/14 Received by: [Signature] Date/Time: 5/21/14

Relinquished by: \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

\*\* In the event of any dispute between the above parties for these services or otherwise, parties agree that jurisdiction and venue will be in Phoenix, Arizona and prevailing party will be entitled to attorney's fees and court costs.

Rev. 09/01/08

141306

## EMC Lab

---

**From:** troyb10654@gmail.com on behalf of Troy Brooks <troyb@brooksconsult.com>  
**Sent:** Wednesday, May 21, 2014 10:41 AM  
**To:** EMC Lab  
**Subject:** Point Count request

Sharon or Diana:

Please provide composite point count analysis for the following:

Need results tomorrow (5/22/14)

Lab Report 0141214

Samples:

2-01

2-02

9-01

9-02

9-03

9-04

9-05

Thanks,

Troy

---

No virus found in this message.

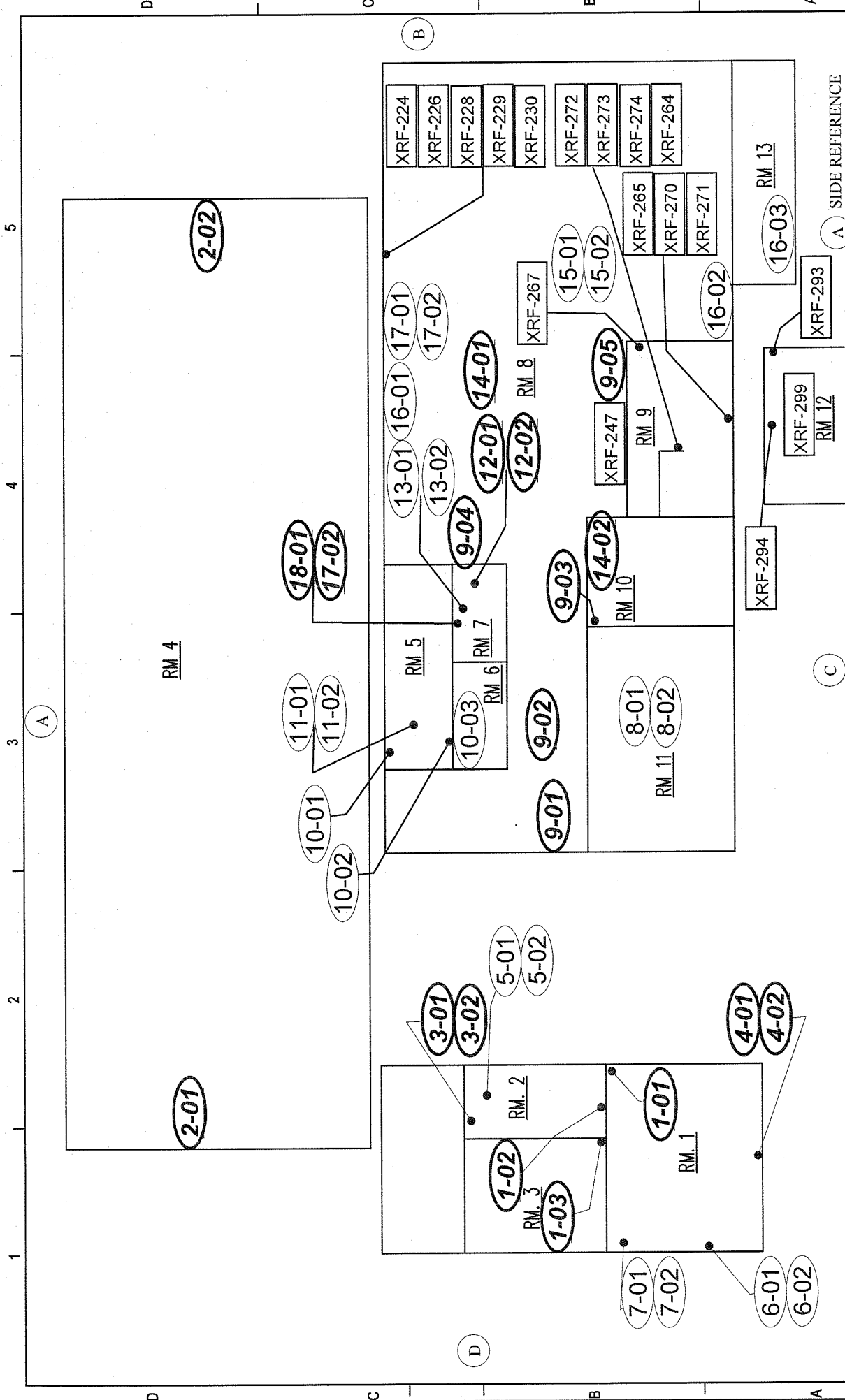
Checked by AVG - [www.avg.com](http://www.avg.com)

Version: 2014.0.4570 / Virus Database: 3950/7526 - Release Date: 05/20/14

## **Appendix B**

### **Site Plans Indicating**

### **Asbestos Sampling Locations & Lead Sampling Orientation & Hazards**

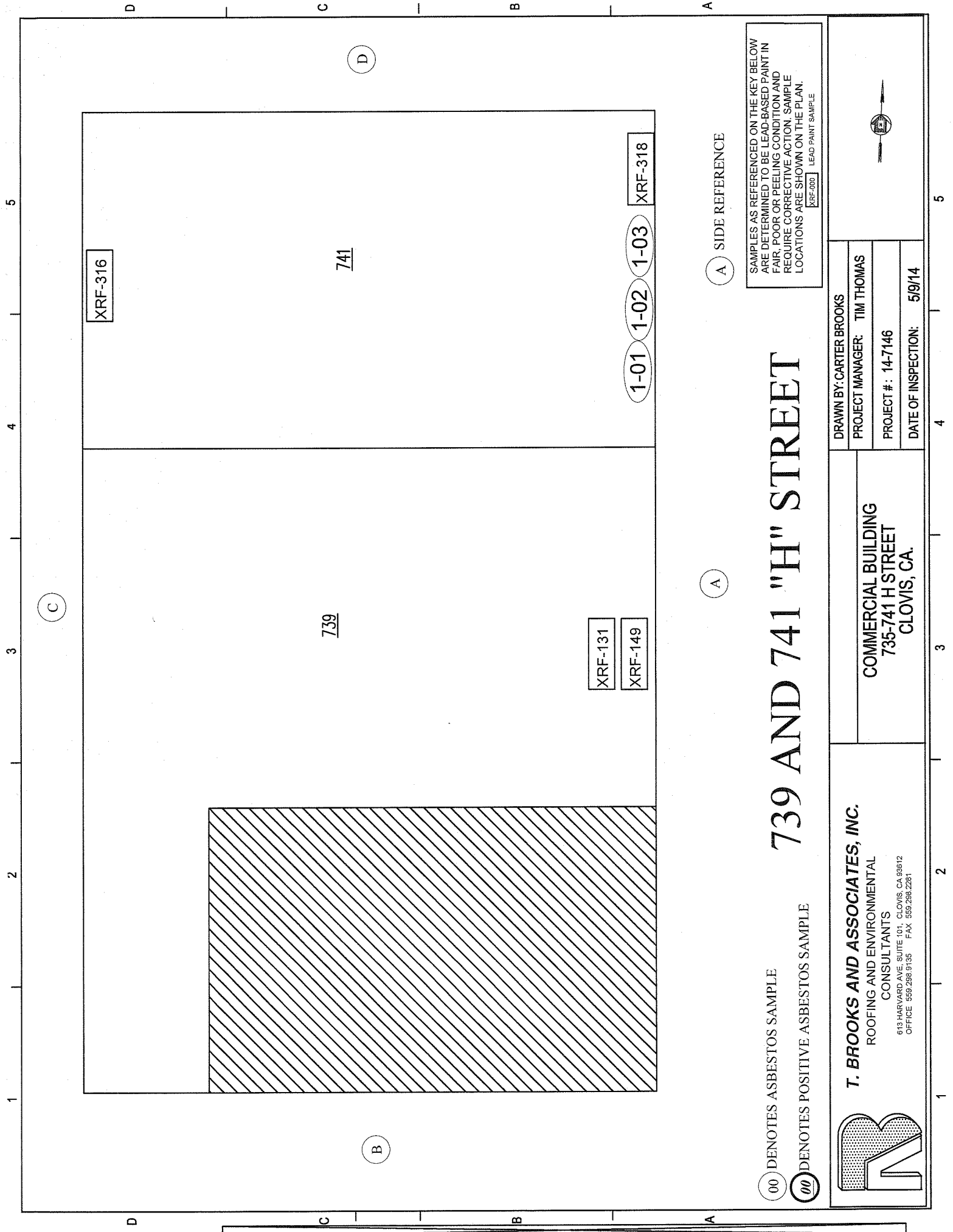


SAMPLES AS REFERENCED ON THE KEY BELOW ARE DETERMINED TO BE LEAD-BASED PAINT IN FAIR, POOR OR PEELING CONDITION AND REQUIRE CORRECTIVE ACTION. SAMPLE LOCATIONS ARE SHOWN ON THE PLAN.

XRF-000 LEAD PAINT SAMPLE

# 735 "H" STREET

	<b>T. BROOKS AND ASSOCIATES, INC.</b> ROOFING AND ENVIRONMENTAL CONSULTANTS 813 HARVARD AVE, SUITE 101, CLOVIS, CA 93612 OFFICE 559.298.9135 FAX 559.298.2281		COMMERCIAL BUILDING 735-741 H STREET CLOVIS, CA.		DRAWN BY: CARTER BROOKS PROJECT MANAGER: TIM THOMAS PROJECT #: 14-7146 DATE OF INSPECTION: 5/9/14
	00 DENOTES ASBESTOS SAMPLE 00 DENOTES POSITIVE ASBESTOS SAMPLE				



00 DENOTES ASBESTOS SAMPLE

00 DENOTES POSITIVE ASBESTOS SAMPLE

A SIDE REFERENCE

SAMPLES AS REFERENCED ON THE KEY BELOW  
ARE DETERMINED TO BE LEAD-BASED PAINT IN  
FAIR, POOR OR PEELING CONDITION AND  
REQUIRE CORRECTIVE ACTION. SAMPLE  
LOCATIONS ARE SHOWN ON THE PLAN.  
XRF-000 LEAD PAINT SAMPLE

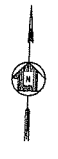
# 739 AND 741 "H" STREET

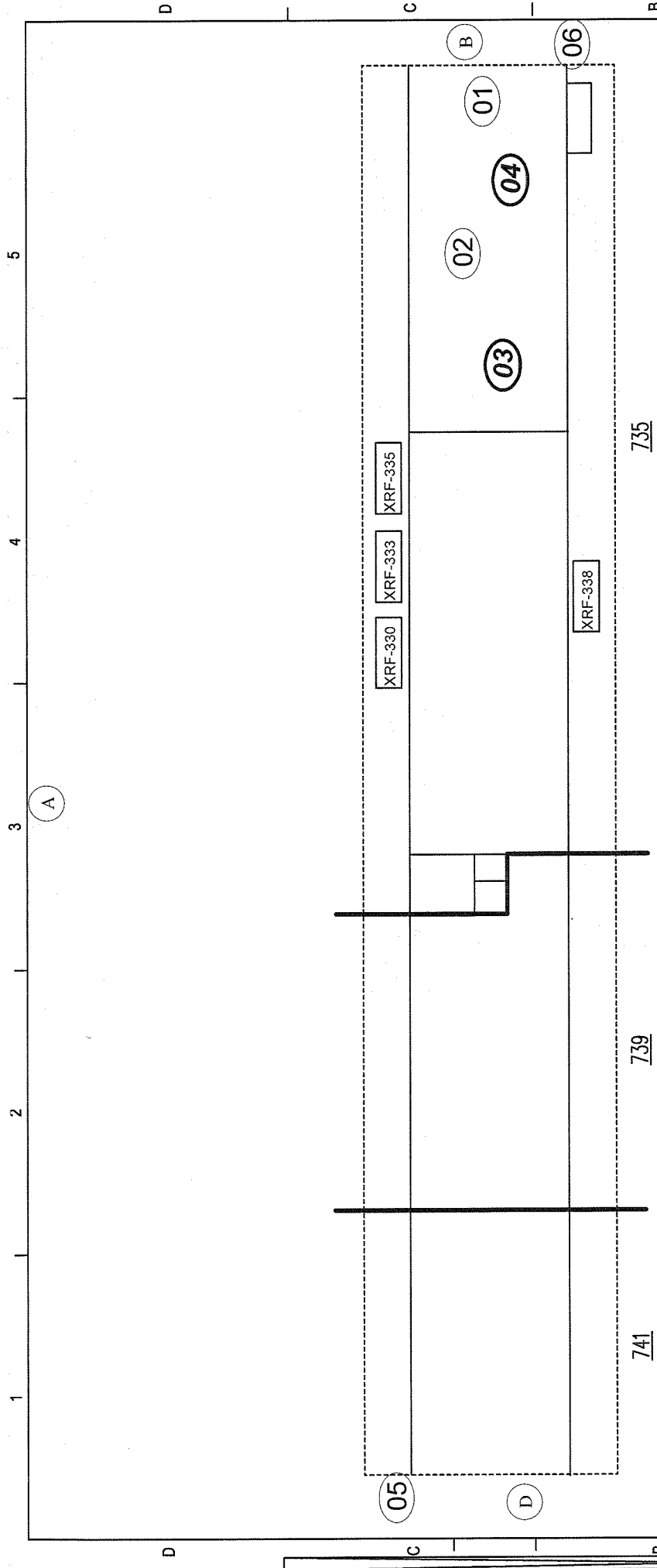


**T. BROOKS AND ASSOCIATES, INC.**  
ROOFING AND ENVIRONMENTAL  
CONSULTANTS  
613 HARVARD AVE. SUITE 101, CLOVIS, CA 93612  
OFFICE 559.298.9135 FAX 559.298.2281

**COMMERCIAL BUILDING**  
**735-741 H STREET**  
**CLOVIS, CA.**

DRAWN BY: CARTER BROOKS  
PROJECT MANAGER: TIM THOMAS  
PROJECT #: 14-7146  
DATE OF INSPECTION: 5/9/14





(A) SIDE REFERENCE



SAMPLES AS REFERENCED ON THE KEY BELOW ARE DETERMINED TO BE LEAD-BASED PAINT IN FAIR, POOR OR PEELING CONDITION AND REQUIRE CORRECTIVE ACTION. SAMPLE LOCATIONS ARE SHOWN ON THE PLAN.  
XRF-300 LEAD PAINT SAMPLE

(C)

# EXTERIOR

(00) DENOTES ASBESTOS SAMPLE

(00) DENOTES POSITIVE ASBESTOS SAMPLE

 <p><b>T. BROOKS AND ASSOCIATES, INC.</b> ROOFING AND ENVIRONMENTAL CONSULTANTS 613 HARVARD AVE, SUITE 101, CLOVIS, CA 93612 OFFICE 559.288.9135 FAX 559.288.2281</p>	<p>DRAWN BY: CARTER BROOKS</p>		
	<p>PROJECT MANAGER: TIM THOMAS</p>		
	<p>PROJECT #: 14-7146</p>		
	<p>DATE OF INSPECTION: 5/16/14</p>		
<p>COMMERCIAL BUILDING 735-741 H STREET CLOVIS, CA.</p>			

## **Appendix C**

### **XRF Results for Lead All Readings**

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
128	5/9/2014 9:12	20.00	Calibrate - Front							Positive	1.06	1.00	0.10
129	5/9/2014 9:13	20.00	Calibrate - Front							Positive	1.09	1.10	0.10
130	5/9/2014 9:15	20.00	Calibrate - Front							Positive	1.12	1.10	0.10
131	5/9/2014 9:16	0.61	DOOR	METAL	A	Not Intact-Poor	WHITE		739 H	Positive	1.87	3.30	2.30
132	5/9/2014 9:17	2.61	WALL	BRICK	A	INTACT	WHITE		739 H	Negative	1.25	0.03	0.05
133	5/9/2014 9:18	2.20	WALL	BRICK	B	INTACT	WHITE		739 H	Negative	2.16	0.07	0.11
134	5/9/2014 9:18	1.00	DOOR	WOOD	A	INTACT	WHITE		739 H	Negative	1.00	0.02	0.07
135	5/9/2014 9:19	1.00	DR. CASING	WOOD	A	INTACT	WHITE		739 H	Negative	5.97	0.14	0.58
136	5/9/2014 9:19	1.20	DR. JAMB	WOOD	A	INTACT	WHITE		739 H	Negative	1.00	0.02	0.06
137	5/9/2014 9:19	2.20	WALL	DRYWALL	A	Not Intact-Fair	WHITE		739 H	Negative	1.81	0.02	0.06
138	5/9/2014 9:20	3.41	PIPE	METAL	A	Not Intact-Fair	WHITE		739 H	Negative	6.00	0.50	0.30
139	5/9/2014 9:21	1.00	LADDER	WOOD	A	Not Intact-Poor	WHITE		739 H	Negative	1.11	0.02	0.08
140	5/9/2014 9:22	3.01	WALL	BRICK	C	INTACT	WHITE		739 H	Negative	1.16	0.03	0.04
141	5/9/2014 9:22	2.21	WALL	BRICK	D	INTACT	WHITE		739 H	Negative	1.47	0.04	0.06
142	5/9/2014 9:23	1.20	WALL	WOOD	C	Not Intact-Fair	WHITE		739 H	Negative	1.00	0.01	0.04
143	5/9/2014 9:23	1.00	WALL	WOOD	D	Not Intact-Fair	WHITE		739 H	Negative	1.49	0.07	0.18
144	5/9/2014 9:23	1.01	WALL	WOOD	A	Not Intact-Fair	WHITE		739 H	Negative	1.46	0.03	0.13
145	5/9/2014 9:24	0.80	DOOR	METAL	D	INTACT	WHITE		739 H	Positive	1.67	2.80	1.60
146	5/9/2014 9:26	3.21	WNDW CASING	WOOD	A	INTACT	WHITE		739 H	Positive	3.40	1.50	0.40
147	5/9/2014 9:27	3.19	DOOR	WOOD	A	INTACT	WHITE		739 H	Positive	3.40	1.70	0.50
148	5/9/2014 9:27	2.41	DR. CASING	WOOD	A	INTACT	WHITE		739 H	Positive	2.88	1.80	0.70
149	5/9/2014 9:28	2.21	DR. JAMB	WOOD	A	Not Intact-Fair	WHITE	RM 1	735 H	Positive	4.22	2.10	1.00
150	5/9/2014 9:42	1.00	DR. CASING	WOOD	A	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.01	0.04
151	5/9/2014 9:42	1.01	WNDW CASING	WOOD	A	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.01	0.06
152	5/9/2014 9:43	4.22	WNDW SILL	WOOD	A	INTACT	WHITE	RM 1	735 H	Negative	2.96	0.24	0.12
153	5/9/2014 9:43	1.21	WNDW SILL	WOOD	A	INTACT	WHITE	RM 1	735 H	Positive	10.00	5.50	4.00
154	5/9/2014 9:43	1.20	DR. CASING	WOOD	A	INTACT	WHITE	RM 1	735 H	Positive	9.38	5.80	4.10
155	5/9/2014 9:44	1.20	WALL	DRYWALL	A	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.00	0.02
156	5/9/2014 9:44	2.22	WALL	DRYWALL	B	INTACT	WHITE	RM 1	735 H	Negative	2.22	0.01	0.04
157	5/9/2014 9:45	2.02	WALL	DRYWALL	D	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.00	0.02
158	5/9/2014 9:45	1.00	WALL	WOOD	C	INTACT	WHITE	RM 1	735 H	Negative	2.20	0.02	0.13

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
159	5/9/2014 9:46	1.00	WNDW CASING	WOOD	C	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.00	0.02
160	5/9/2014 9:46	1.01	DR. CASING	WOOD	C	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.00	0.04
161	5/9/2014 9:46	1.00	DR. JAMB	WOOD	C	INTACT	WHITE	RM 1	735 H	Negative	1.00	0.01	0.05
162	5/9/2014 9:47	1.00	DR. JAMB	WOOD	C	INTACT	WHITE	RM 2	735 H	Negative	1.73	0.14	0.28
163	5/9/2014 9:47	1.00	DR. CASING	WOOD	C	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.01	0.05
164	5/9/2014 9:47	1.00	DOOR	WOOD	C	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.00	0.02
165	5/9/2014 9:48	1.00	BASEBOARD	WOOD	C	INTACT	WHITE	RM 2	735 H	Negative	3.30	0.05	0.23
166	5/9/2014 9:49	1.61	WALL	DRYWALL	A	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.00	0.02
167	5/9/2014 9:49	2.21	WALL	DRYWALL	B	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.00	0.02
168	5/9/2014 9:50	3.01	WALL	DRYWALL	C	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.00	0.02
169	5/9/2014 9:50	1.41	WALL	DRYWALL	D	INTACT	WHITE	RM 2	735 H	Negative	1.00	0.00	0.02
170	5/9/2014 9:51	1.61	WALL	DRYWALL	B	INTACT	WHITE	RM 3	735 H	Negative	1.38	0.01	0.03
171	5/9/2014 9:52	1.40	WALL	DRYWALL	C	INTACT	WHITE	RM 3	735 H	Negative	1.00	0.00	0.02
172	5/9/2014 9:52	1.41	WALL	DRYWALL	D	INTACT	WHITE	RM 3	735 H	Negative	1.00	0.00	0.02
173	5/9/2014 9:53	1.20	WALL	DRYWALL	D	Not Intact-Fair	WHITE	RM 4	735 H	Null	2.26	0.04	0.12
174	5/9/2014 9:54	0.40	WALL	WOOD	D	Not Intact-Fair	WHITE	RM 4	735 H	Negative	1.00	0.02	0.11
175	5/9/2014 9:54	1.00	WALL	WOOD	D	Not Intact-Fair	WHITE	RM 4	735 H	Negative	1.10	0.02	0.08
176	5/9/2014 9:54	1.00	DOOR	WOOD	D	INTACT	WHITE	RM 4	735 H	Negative	1.00	0.00	0.02
177	5/9/2014 9:54	1.00	DR. CASING	WOOD	D	Not Intact-Fair	WHITE	RM 4	735 H	Negative	1.00	0.01	0.07
178	5/9/2014 9:54	1.00	DR. JAMB	WOOD	D	Not Intact-Fair	WHITE	RM 4	735 H	Negative	3.73	0.08	0.34
179	5/9/2014 9:55	1.00	WALL	WOOD	A	Not Intact-Poor	WHITE	RM 4	735 H	Negative	3.49	0.09	0.35
180	5/9/2014 9:55	1.00	WALL	WOOD	C	Not Intact-Poor	WHITE	RM 4	735 H	Negative	2.79	0.06	0.24
181	5/9/2014 9:55	1.00	DOOR	WOOD	C	Not Intact-Poor	WHITE	RM 4	735 H	Negative	1.00	0.02	0.08
182	5/9/2014 9:56	1.01	DOOR	WOOD	C	Not Intact-Poor	WHITE	RM 4	735 H	Negative	1.00	0.01	0.06
183	5/9/2014 9:56	1.60	DOOR	WOOD	C	Not Intact-Poor	WHITE	RM 4	735 H	Negative	2.25	0.50	0.40
184	5/9/2014 9:56	1.00	DOOR	WOOD	C	Not Intact-Poor	WHITE	RM 4	735 H	Negative	4.23	0.09	0.42
185	5/9/2014 9:57	3.21	WALL	METAL	A	Not Intact-Poor	WHITE	RM 4	735 H	Negative	3.49	0.08	0.09
186	5/9/2014 9:58	3.22	WALL	BRICK	A	INTACT	WHITE	RM 4	735 H	Negative	2.35	0.05	0.06
187	5/9/2014 9:58	3.80	WALL	BRICK	C	INTACT	WHITE	RM 4	735 H	Negative	1.66	0.04	0.04
188	5/9/2014 9:58	3.01	WALL	BRICK	D	INTACT	WHITE	RM 4	735 H	Negative	2.77	0.02	0.06
189	5/9/2014 9:59	1.80	WALL	DRYWALL	D	INTACT	WHITE	RM 4	735 H	Negative	1.00	0.00	0.02

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
190	5/9/2014 9:59	1.00	WALL	WOOD	B	INTACT	WHITE	RM 4	735 H	Negative	1.38	0.01	0.08
191	5/9/2014 10:07	3.21	WALL	PLASTER	A	INTACT	WHITE	RM 5	735 H	Negative	2.21	< LOD	0.00
192	5/9/2014 10:08	1.00	WALL	PLASTER	A	INTACT	WHITE	RM 5	735 H	Negative	1.06	0.01	0.04
193	5/9/2014 10:08	7.25	WALL	PLASTER	B	INTACT	WHITE	RM 5	735 H	Negative	3.11	0.30	0.60
194	5/9/2014 10:09	1.00	WALL	PLASTER	C	INTACT	WHITE	RM 5	735 H	Negative	1.69	0.01	0.08
195	5/9/2014 10:09	5.80	WALL	PLASTER	D	INTACT	WHITE	RM 5	735 H	Negative	4.41	0.30	0.70
196	5/9/2014 10:10	2.60	CEILING	PLASTER		INTACT	WHITE	RM 5	735 H	Null	2.01	0.01	0.04
197	5/9/2014 10:10	1.40	CEILING	PLASTER		INTACT	WHITE	RM 5	735 H	Negative	1.00	0.00	0.02
198	5/9/2014 10:10	2.41	BASEBOARD	WOOD	A	INTACT	WHITE	RM 5	735 H	Negative	2.72	0.11	0.16
199	5/9/2014 10:11	1.00	DR. CASING	WOOD	D	INTACT	WHITE	RM 5	735 H	Negative	3.76	0.11	0.40
200	5/9/2014 10:11	1.19	DR. JAMB	WOOD	D	INTACT	PINK	RM 5	735 H	Negative	1.00	0.04	0.07
201	5/9/2014 10:11	1.00	WNDW CASING	WOOD	A	INTACT	PINK	RM 5	735 H	Negative	4.10	0.12	0.44
202	5/9/2014 10:12	1.20	WNDW SILL	WOOD	A	INTACT	PINK	RM 5	735 H	Negative	3.86	0.18	0.35
203	5/9/2014 10:12	1.01	WNDW APRON	WOOD	A	INTACT	PINK	RM 5	735 H	Negative	1.00	0.02	0.08
204	5/9/2014 10:15	4.02	WALL	WOOD	A	INTACT	BEIGE	RM 6	735 H	Negative	10.00	0.10	0.90
205	5/9/2014 10:16	1.00	WALL	WOOD	B	INTACT	BEIGE	RM 6	735 H	Negative	1.30	0.01	0.07
206	5/9/2014 10:16	7.04	WALL	PLASTER	C	INTACT	BEIGE	RM 6	735 H	Negative	2.41	0.30	0.65
207	5/9/2014 10:17	8.65	WALL	PLASTER	D	INTACT	BEIGE	RM 6	735 H	Negative	7.15	0.40	0.60
208	5/9/2014 10:18	8.04	CEILING	PLASTER		INTACT	BEIGE	RM 6	735 H	Negative	4.17	0.40	0.60
209	5/9/2014 10:21	1.01	CEILING	WOOD		INTACT	WHITE	RM 7	735 H	Negative	1.00	0.00	0.02
210	5/9/2014 10:21	3.42	WALL	BRICK	B	INTACT	WHITE	RM 7	735 H	Negative	3.44	0.02	0.04
211	5/9/2014 10:22	1.01	DOOR	WOOD	C	INTACT	GREEN	RM 7	735 H	Negative	1.00	0.00	0.02
212	5/9/2014 10:22	1.01	DR. CASING	WOOD	C	INTACT	GREEN	RM 7	735 H	Negative	1.00	0.00	0.02
213	5/9/2014 10:22	1.00	DR. JAMB	WOOD	C	INTACT	GREEN	RM 7	735 H	Negative	2.63	0.02	0.12
214	5/9/2014 10:26	1.81	WALL	DRYWALL	A	INTACT	GREEN	RM 8	735 H	Negative	1.19	0.00	0.02
215	5/9/2014 10:27	2.01	WALL	DRYWALL	D	Not Intact- Fair	GREEN	RM 8	735 H	Negative	1.00	0.00	0.02
216	5/9/2014 10:27	3.00	WALL	DRYWALL	C	Not Intact- Fair	PINK	RM 8	735 H	Negative	3.91	0.06	0.13
217	5/9/2014 10:28	1.01	DR. CASING	WOOD	C	Not Intact- Fair	PINK	RM 8	735 H	Negative	1.00	0.00	0.03
218	5/9/2014 10:28	1.00	DR. JAMB	WOOD	C	INTACT	PINK	RM 8	735 H	Negative	1.00	0.00	0.02
219	5/9/2014 10:28	1.00	DR. JAMB	WOOD	A	INTACT	GREEN	RM 8	735 H	Negative	1.00	0.00	0.02
220	5/9/2014 10:29	3.21	DOOR	WOOD	A	INTACT	GREEN	RM 8	735 H	Negative	1.57	0.80	0.20

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
221	5/9/2014 10:29	1.01	DR. CASING	WOOD	A	INTACT	GREEN	RM 8	735 H	Negative	1.00	0.00	0.02
222	5/9/2014 10:30	1.60	CEILING	DRYWALL		INTACT	WHITE	RM 8	735 H	Negative	1.22	0.01	0.03
223	5/9/2014 10:33	6.03	WALL	PLASTER	A	INTACT	GREEN	RM 8	735 H	Positive	1.38	1.90	0.90
224	5/9/2014 10:34	1.21	WINDW CASING	WOOD	A	Not Intact- Fair	GREEN	RM 8	735 H	Positive	5.83	6.20	4.20
225	5/9/2014 10:35	1.21	WINDW SILL	WOOD	A	INTACT	GREEN	RM 8	735 H	Positive	2.67	5.50	3.90
226	5/9/2014 10:35	1.20	WINDW APRON	WOOD	A	Not Intact- Fair	GREEN	RM 8	735 H	Positive	7.49	5.00	3.90
227	5/9/2014 10:36	2.21	WALL	DRYWALL	C	INTACT	GREEN	RM 8	735 H	Negative	1.52	0.25	0.17
228	5/9/2014 10:37	4.60	WALL	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	4.66	1.40	0.40
229	5/9/2014 10:38	3.22	WINDW SILL	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	3.35	1.40	0.40
230	5/9/2014 10:38	1.19	WINDW CASING	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	5.03	4.10	2.60
231	5/9/2014 10:39	1.80	BLINDS	WOOD	A	Not Intact-Poor	BLUE	RM 8	735 H	Negative	1.41	0.17	0.15
232	5/9/2014 10:40	4.41	BLINDS	WOOD	B	Not Intact-Poor	BLUE	RM 8	735 H	Negative	1.63	0.50	0.50
233	5/9/2014 10:40	1.00	WINDW CASING	WOOD	B	Not Intact-Poor	GREEN	RM 8	735 H	Negative	1.02	0.22	0.26
234	5/9/2014 10:42	0.80	WINDW CASING	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	3.51	5.60	4.50
235	5/9/2014 10:43	0.60	WINDW APRON	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	2.65	6.00	4.70
236	5/9/2014 10:43	0.80	WINDW SILL	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	3.39	5.10	4.00
237	5/9/2014 10:43	1.20	WALL	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	4.98	6.40	4.30
238	5/9/2014 10:44	4.01	WALL	PLASTER	B	Not Intact- Fair	BEIGE	RM 8	735 H	Negative	3.06	0.07	0.92
239	5/9/2014 10:44	3.82	WALL	PLASTER	C	Not Intact-Poor	GREEN	RM 8	735 H	Negative	10.00	0.02	0.98
240	5/9/2014 10:45	1.21	DR. CASING	WOOD	C	INTACT	GREEN	RM 8	735 H	Positive	2.03	2.40	1.00
241	5/9/2014 10:47	1.61	WALL	DRYWALL	A	Not Intact- Fair	BLUE	RM 8	735 H	Negative	1.00	0.00	0.02
242	5/9/2014 10:49	2.81	FRAMING	WOOD		INTACT	GREEN	RM 8	735 H	Null	1.00	0.11	0.08
243	5/9/2014 10:49	0.80	FRAMING	WOOD		INTACT	GREEN	RM 8	735 H	Null	1.11	0.11	0.21
244	5/9/2014 10:49	1.80	FRAMING	WOOD		INTACT	GREEN	RM 8	735 H	Negative	1.24	0.13	0.12
245	5/9/2014 10:49	2.81	FRAMING	WOOD		INTACT	BLUE	RM 8	735 H	Negative	1.00	0.00	0.02
246	5/9/2014 10:51	1.21	MEZZANINE	WOOD		Not Intact- Fair	GREEN	RM 8	735 H	Null	7.44	2.90	2.50
247	5/9/2014 10:51	1.60	MEZZANINE	WOOD		Not Intact- Fair	GREEN	RM 8	735 H	Positive	6.64	3.60	2.60
248	5/9/2014 10:54	0.40	CEILING	WOOD		INTACT	GREEN	RM 8	735 H	Positive	1.61	5.90	4.40
249	5/9/2014 10:55	1.81	CEILING	DRYWALL		INTACT	WHITE	RM 10	735 H	Negative	1.28	0.05	0.08
250	5/9/2014 10:56	1.21	WALL	DRYWALL	A	INTACT	PINK	RM 10	735 H	Negative	1.00	0.00	0.03
251	5/9/2014 10:56	1.81	WALL	DRYWALL	B	INTACT	PINK	RM 10	735 H	Negative	1.00	0.00	0.02

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
252	5/9/2014 10:56	3.20	WALL	DRYWALL	C	INTACT	PINK	RM 10	735 H	Negative	3.46	0.01	0.04
253	5/9/2014 10:57	2.79	WALL	DRYWALL	D	INTACT	PINK	RM 10	735 H	Negative	1.00	0.00	0.02
254	5/9/2014 10:57	1.00	CBNT FRONT	WOOD	B	INTACT	PINK	RM 10	735 H	Negative	1.00	0.01	0.04
255	5/9/2014 10:57	1.01	DR. CASING	WOOD	A	INTACT	PINK	RM 10	735 H	Negative	4.51	0.03	0.20
256	5/9/2014 10:58	1.00	DR. JAMB	WOOD	A	INTACT	PINK	RM 10	735 H	Negative	1.00	0.01	0.04
257	5/9/2014 10:58	1.00	DOOR	WOOD	A	INTACT	PINK	RM 10	735 H	Negative	1.00	0.00	0.02
258	5/9/2014 10:58	1.00	DR. JAMB	WOOD	C	INTACT	PINK	RM 10	735 H	Negative	1.00	0.01	0.05
259	5/9/2014 10:58	0.60	DR. CASING	WOOD	C	INTACT	PINK	RM 10	735 H	Null	1.00	0.00	0.03
260	5/9/2014 10:58	1.01	DR. CASING	WOOD	C	INTACT	PINK	RM 10	735 H	Negative	5.18	0.03	0.24
261	5/9/2014 10:59	1.00	STALL	WOOD	B	INTACT	PINK	RM 10	735 H	Negative	1.00	0.00	0.03
262	5/9/2014 11:00	1.20	WALL	WOOD	C	INTACT	BEIGE	RM 9	735 H	Positive	4.45	4.70	2.70
263	5/9/2014 11:01	2.01	WALL	DRYWALL	A	INTACT	BEIGE	RM 9	735 H	Negative	1.00	0.00	0.02
264	5/9/2014 11:02	1.81	WALL	PLASTER	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.32	4.50	3.30
265	5/9/2014 11:03	1.20	WALL	WOOD	C	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.00	6.10	4.30
266	5/9/2014 11:04	0.60	WALL	WOOD	B	Not Intact- Fair	BEIGE	RM 9	735 H	Null	3.05	2.60	2.50
267	5/9/2014 11:04	1.21	WALL	WOOD	B	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	4.07	3.20	1.90
268	5/9/2014 11:05	1.00	CEILING	WOOD		INTACT	BEIGE	RM 9	735 H	Negative	3.43	0.29	0.62
269	5/9/2014 11:05	1.00	CEILING	WOOD		INTACT	BEIGE	RM 9	735 H	Positive	7.53	11.00	8.60
270	5/9/2014 11:06	1.21	DOOR	WOOD	C	Not Intact-Poor	BEIGE	RM 9	735 H	Positive	4.14	6.40	4.10
271	5/9/2014 11:06	1.20	DR. JAMB	WOOD	C	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.34	5.10	3.20
272	5/9/2014 11:07	2.40	DR. CASING	WOOD	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.29	3.00	2.00
273	5/9/2014 11:07	1.21	DOOR	WOOD	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	2.84	2.40	1.20
274	5/9/2014 11:08	1.61	DR. JAMB	WOOD	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	3.89	3.80	2.70
275	5/9/2014 11:09	2.01	WALL	DRYWALL	A	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
276	5/9/2014 11:09	2.40	WALL	DRYWALL	B	INTACT	GREEN	RM 11	735 H	Negative	5.36	0.05	0.17
277	5/9/2014 11:10	1.41	WALL	DRYWALL	C	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
278	5/9/2014 11:10	2.81	WALL	DRYWALL	D	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
279	5/9/2014 11:10	1.20	CEILING	DRYWALL		INTACT	BEIGE	RM 11	735 H	Negative	3.78	0.05	0.18
280	5/9/2014 11:11	1.01	CROWN MOLDING	WOOD	A	INTACT	GREEN	RM 11	735 H	Negative	1.56	0.01	0.07
281	5/9/2014 11:11	1.00	BASEBOARD	WOOD	A	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
282	5/9/2014 11:11	1.00	DR. CASING	WOOD	A	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
283	5/9/2014 11:12	1.00	DR. JAMB	WOOD	A	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.04
284	5/9/2014 11:12	1.01	DR. JAMB	WOOD	C	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
285	5/9/2014 11:12	1.01	DR. CASING	WOOD	C	INTACT	GREEN	RM 11	735 H	Negative	1.00	0.00	0.02
286	5/9/2014 11:13	1.01	CBNT FRONT	WOOD	C	INTACT	GREEN	RM 11	735 H	Negative	1.20	0.12	0.21
287	5/9/2014 11:15	1.01	STR HAND RAIL	WOOD		INTACT	GREEN	RM 12	735 H	Negative	1.00	0.00	0.02
288	5/9/2014 11:15	1.00	STR HAND RAIL	WOOD		INTACT	BEIGE	RM 12	735 H	Negative	1.27	0.11	0.21
289	5/9/2014 11:15	1.00	DOOR	WOOD	D	INTACT	WHITE	RM 12	735 H	Negative	1.00	0.00	0.03
290	5/9/2014 11:16	1.00	DR. CASING	WOOD	D	INTACT	WHITE	RM 12	735 H	Negative	1.00	0.00	0.03
291	5/9/2014 11:16	1.00	DR. JAMB	WOOD	D	Not Intact- Fair	WHITE	RM 12	735 H	Negative	1.59	0.01	0.06
292	5/9/2014 11:17	1.80	WALL	WOOD	A	Not Intact- Fair	WHITE	RM 12	735 H	Negative	1.00	0.00	0.02
293	5/9/2014 11:18	2.41	WALL	WOOD	B	Not Intact- Fair	WHITE	RM 12	735 H	Positive	7.83	3.20	1.90
294	5/9/2014 11:19	1.20	WNDW CASING	WOOD	A	Not Intact- Fair	WHITE	RM 12	735 H	Positive	5.34	4.20	2.70
295	5/9/2014 11:20	2.20	WALL	DRYWALL	A	INTACT	WHITE	RM 12	735 H	Negative	4.45	0.04	0.14
296	5/9/2014 11:20	1.60	WALL	DRYWALL	B	INTACT	WHITE	RM 12	735 H	Positive	3.77	2.30	1.20
297	5/9/2014 11:21	7.81	WALL	PLASTER	C	INTACT	WHITE	RM 12	735 H	Negative	4.09	0.40	0.60
298	5/9/2014 11:22	2.41	WALL	PLASTER	D	INTACT	GREEN	RM 12	735 H	Negative	3.10	0.03	0.09
299	5/9/2014 11:23	2.80	CEILING	DRYWALL		Not Intact-Poor	WHITE	RM 12	735 H	Positive	9.27	3.10	2.10
300	5/9/2014 11:24	3.62	CEILING	WOOD		INTACT	WHITE	RM 12	735 H	Null	10.00	0.28	0.35
301	5/9/2014 11:24	1.80	CEILING	WOOD		INTACT	WHITE	RM 12	735 H	Positive	4.43	2.40	1.30
302	5/9/2014 11:24	1.00	BASEBOARD	WOOD	A	INTACT	WHITE	RM 12	735 H	Negative	1.00	0.00	0.02
303	5/9/2014 11:25	1.20	DR. CASING	METAL	A	INTACT	BEIGE	RM 13	735 H	Negative	1.26	0.03	0.08
304	5/9/2014 11:26	0.40	DR. JAMB	METAL	A	INTACT	GREEN	RM 13	735 H	Positive	1.54	8.60	6.40
305	5/9/2014 11:27	4.80	WALL	PLASTER	A	INTACT	BEIGE	RM 13	735 H	Negative	1.09	0.01	0.02
306	5/9/2014 11:27	3.41	WALL	PLASTER	B	INTACT	BEIGE	RM 13	735 H	Negative	1.94	0.13	0.08
307	5/9/2014 11:28	0.40	WALL	PLASTER	C	Not Intact-Poor	BEIGE	RM 13	735 H	Null	1.67	0.14	0.42
308	5/9/2014 11:28	1.00	WALL	PLASTER	C	Not Intact-Poor	BEIGE	RM 13	735 H	Negative	1.85	0.15	0.30
309	5/9/2014 11:29	1.20	CEILING	PLASTER		Not Intact-Poor	BEIGE	RM 13	735 H	Null	3.82	0.26	0.43
310	5/9/2014 11:29	1.40	CEILING	PLASTER		Not Intact-Poor	BEIGE	RM 13	735 H	Null	2.58	0.15	0.23
311	5/9/2014 11:30	11.45	CEILING	PLASTER		INTACT	BEIGE	RM 13	735 H	Negative	2.02	0.50	0.50
312	5/9/2014 11:30	1.19	CBNT FRONT	WOOD	A	INTACT	BEIGE	RM 13	735 H	Negative	1.00	0.01	0.04
313	5/9/2014 11:31	2.60	CBNT FRONT	WOOD	D	INTACT	BEIGE	RM 13	735 H	Negative	4.67	0.05	0.92

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
314	5/9/2014 11:35	0.60	DOOR	METAL	A	INTACT	WHITE		741 H	Positive	1.90	3.50	2.40
315	5/9/2014 11:36	2.01	DOOR	METAL	C	INTACT	WHITE		741 H	Positive	1.58	4.20	3.20
316	5/9/2014 11:36	1.21	WALL	WOOD	C	Not Intact-Poor	WHITE		741 H	Positive	2.64	2.50	1.20
317	5/9/2014 11:36	0.40	WALL	WOOD	A	Not Intact-Poor	WHITE		741 H	Null	4.11	3.10	4.20
318	5/9/2014 11:37	1.20	WALL	WOOD	A	Not Intact-Poor	WHITE		741 H	Positive	3.41	2.40	1.40
319	5/9/2014 11:38	2.21	DOOR	WOOD	A	INTACT	WHITE		741 H	Positive	3.60	1.90	0.90
320	5/9/2014 11:38	1.41	DR. CASING	WOOD	A	INTACT	WHITE		741 H	Positive	4.05	2.50	1.40
321	5/9/2014 11:38	0.80	DR. JAMB	WOOD	A	INTACT	WHITE		741 H	Positive	3.41	7.30	5.80
322	5/9/2014 11:40	0.80	WALL	PLASTER	A	Not Intact- Fair	BEIGE		741 H	Positive	3.38	17.80	14.00
323	5/9/2014 11:40	0.80	WALL	PLASTER	C	Not Intact- Fair	BEIGE		741 H	Positive	4.05	14.20	12.80
324	5/9/2014 11:40	1.40	WALL	BRICK	A	Not Intact- Fair	WHITE		741 H	Null	1.00	0.02	0.05
325	5/9/2014 11:41	3.21	WALL	BRICK	A	Not Intact- Fair	WHITE		741 H	Negative	1.00	0.02	0.02
326	5/9/2014 11:41	3.21	WALL	BRICK	B	Not Intact- Fair	WHITE		741 H	Negative	1.07	0.02	0.02
327	5/9/2014 11:42	3.21	WALL	BRICK	C	Not Intact- Fair	WHITE		741 H	Negative	2.36	0.06	0.06
328	5/9/2014 11:42	3.21	WALL	BRICK	D	Not Intact- Fair	WHITE		741 H	Negative	1.00	0.02	0.02
329	5/9/2014 11:43	1.00	ELEVATOR	WOOD	A	Not Intact- Fair	WHITE		741 H	Negative	1.00	0.02	0.07
330	5/9/2014 11:45	1.00	DOOR	METAL	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	2.58	3.20	2.10
331	5/9/2014 11:46	1.00	GUARD	METAL	A	INTACT	WHITE	Exterior	735-741 H	Negative	1.00	0.00	0.02
332	5/9/2014 11:46	3.60	WALL	BRICK	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Negative	1.89	0.02	0.03
333	5/9/2014 11:47	1.20	WALL	BRICK	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	10.00	6.80	5.20
334	5/9/2014 11:48	1.40	WINDW CASING	WOOD	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Null	5.67	1.30	1.20
335	5/9/2014 11:48	1.20	WINDW CASING	WOOD	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	6.98	6.50	4.40
336	5/9/2014 11:48	0.40	DOOR	WOOD	A	INTACT	WHITE	Exterior	735-741 H	Null	1.00	0.00	0.02
337	5/9/2014 11:49	1.01	DOOR	WOOD	A	INTACT	WHITE	Exterior	735-741 H	Negative	1.00	0.00	0.02
338	5/9/2014 11:50	0.80	WALL	BRICK	B	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	5.21	17.50	14.50
339	5/9/2014 11:55	3.60	WALL	BRICK	D	Not Intact-Poor	WHITE	Exterior	735-741 H	Negative	2.48	0.01	0.03
340	5/9/2014 11:55	3.21	WALL	BRICK	D	Not Intact-Poor	WHITE	Exterior	735-741 H	Negative	1.00	0.00	0.02
341	5/9/2014 11:56	0.80	WALL	BRICK	D	Not Intact-Poor	WHITE	Exterior	735-741 H	Null	1.34	0.01	0.05
342	5/9/2014 11:56	0.20	WALL	BRICK	D	Not Intact-Poor	WHITE	Exterior	735-741 H	Null	1.00	0.00	0.02
343	5/9/2014 11:56	3.20	WALL	BRICK	D	Not Intact-Poor	WHITE	Exterior	735-741 H	Negative	2.13	0.01	0.02

# LEAD PAINT INSPECTION

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
344	5/9/2014 12:01	20.00	Calibrate - Back							Positive	1.06	1.00	0.10
345	5/9/2014 12:03	20.00	Calibrate - Back							Positive	1.04	1.00	0.10
346	5/9/2014 12:04	20.00	Calibrate - Back							Positive	1.03	1.00	0.10

\* Indications as to positive (POS) or negative (NEG) are based on comparison to 1.0 mg/cm².  
Cal/OSHA regulates operations which disturb lead in any detectable amount.  
Refer to the enclosed Cal/OSHA Regulation 8 CCR 1523.1 for requirements.

## **Appendix D**

### **XRF Results for Lead**

**Positive Reading in Excess of  
1.0 mg/cm<sup>2</sup> Indicating Presence of  
Lead-Based Paint**

# LEAD PAINT INSPECTION

## POSITIVE RESULTS

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
131	5/9/2014 9:16	0.61	DOOR	METAL	A	Not Intact-Poor	WHITE		739 H	Positive	1.87	3.30	2.30
145	5/9/2014 9:24	0.80	DOOR	METAL	D	INTACT	WHITE		739 H	Positive	1.67	2.80	1.60
146	5/9/2014 9:26	3.21	WNDW CASING	WOOD	A	INTACT	WHITE		739 H	Positive	3.40	1.50	0.40
147	5/9/2014 9:27	3.19	DOOR	WOOD	A	INTACT	WHITE		739 H	Positive	3.40	1.70	0.50
148	5/9/2014 9:27	2.41	DR. CASING	WOOD	A	INTACT	WHITE		739 H	Positive	2.88	1.80	0.70
149	5/9/2014 9:28	2.21	DR. JAMB	WOOD	A	Not Intact- Fair	WHITE		739 H	Positive	4.22	2.10	1.00
153	5/9/2014 9:43	1.21	WNDW SILL	WOOD	A	INTACT	WHITE	RM 1	735 H	Positive	10.00	5.50	4.00
154	5/9/2014 9:43	1.20	DR. CASING	WOOD	A	INTACT	WHITE	RM 1	735 H	Positive	9.38	5.80	4.10
223	5/9/2014 10:33	6.03	WALL	PLASTER	A	INTACT	GREEN	RM 8	735 H	Positive	1.38	1.90	0.90
224	5/9/2014 10:34	1.21	WNDW CASING	WOOD	A	Not Intact- Fair	GREEN	RM 8	735 H	Positive	5.83	6.20	4.20
225	5/9/2014 10:35	1.21	WNDW SILL	WOOD	A	INTACT	GREEN	RM 8	735 H	Positive	2.67	5.50	3.90
226	5/9/2014 10:35	1.20	WNDW APRON	WOOD	A	Not Intact- Fair	GREEN	RM 8	735 H	Positive	7.49	5.00	3.90
228	5/9/2014 10:37	4.60	WALL	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	4.66	1.40	0.40
229	5/9/2014 10:38	3.22	WNDW SILL	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	3.35	1.40	0.40
230	5/9/2014 10:38	1.19	WNDW CASING	WOOD	A	Not Intact-Poor	BEIGE	RM 8	735 H	Positive	5.03	4.10	2.60
234	5/9/2014 10:42	0.80	WNDW CASING	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	3.51	5.60	4.50
235	5/9/2014 10:43	0.60	WNDW APRON	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	2.65	6.00	4.70
236	5/9/2014 10:43	0.80	WNDW SILL	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	3.39	5.10	4.00
237	5/9/2014 10:43	1.20	WALL	WOOD	B	INTACT	BEIGE	RM 8	735 H	Positive	4.98	6.40	4.30
240	5/9/2014 10:45	1.21	DR. CASING	WOOD	C	INTACT	GREEN	RM 8	735 H	Positive	2.03	2.40	1.00
247	5/9/2014 10:51	1.60	MEZZANINE	WOOD		Not Intact- Fair	GREEN	RM 8	735 H	Positive	6.64	3.60	2.60
248	5/9/2014 10:54	0.40	CEILING	WOOD		INTACT	GREEN	RM 8	735 H	Positive	1.61	5.90	4.40
262	5/9/2014 11:00	1.20	WALL	WOOD	C	INTACT	BEIGE	RM 9	735 H	Positive	4.45	4.70	2.70
264	5/9/2014 11:02	1.81	WALL	PLASTER	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.32	4.50	3.30
265	5/9/2014 11:03	1.20	WALL	WOOD	C	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.00	6.10	4.30
267	5/9/2014 11:04	1.21	WALL	WOOD	B	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	4.07	3.20	1.90
269	5/9/2014 11:05	1.00	CEILING	WOOD		INTACT	BEIGE	RM 9	735 H	Positive	7.53	11.00	8.60
270	5/9/2014 11:06	1.21	DOOR	WOOD	C	Not Intact-Poor	BEIGE	RM 9	735 H	Positive	4.14	6.40	4.10
271	5/9/2014 11:06	1.20	DR. JAMB	WOOD	C	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.34	5.10	3.20
272	5/9/2014 11:07	2.40	DR. CASING	WOOD	D	Not Intact- Fair	BEIGE	RM 9	735 H	Positive	5.29	3.00	2.00

# LEAD PAINT INSPECTION

## POSITIVE RESULTS

Site: Commercial Building  
735 - 741 "H" Street  
Fresno, California

Prepared for: URS Corporation

Project No. 14-7146  
Site #1

Date: May 9, 2014

No.	Date/Time	Sec	Structure & Feature	Substrate	Side	Condition	Color	Room	Unit	Results	DI	Pbc*	± Prec
273	5/9/2014 11:07	1.21	DOOR	WOOD	D	Not Intact-Fair	BEIGE	RM 9	735 H	Positive	2.84	2.40	1.20
274	5/9/2014 11:08	1.61	DR. JAMB	WOOD	D	Not Intact-Fair	BEIGE	RM 9	735 H	Positive	3.89	3.80	2.70
293	5/9/2014 11:18	2.41	WALL	WOOD	B	Not Intact-Fair	WHITE	RM 12	735 H	Positive	7.83	3.20	1.90
294	5/9/2014 11:19	1.20	WNDW CASING	WOOD	A	Not Intact-Fair	WHITE	RM 12	735 H	Positive	5.34	4.20	2.70
296	5/9/2014 11:20	1.60	WALL	DRYWALL	B	INTACT	WHITE	RM 12	735 H	Positive	3.77	2.30	1.20
299	5/9/2014 11:23	2.80	CEILING	DRYWALL		Not Intact-Poor	WHITE	RM 12	735 H	Positive	9.27	3.10	2.10
301	5/9/2014 11:24	1.80	CEILING	WOOD		INTACT	WHITE	RM 12	735 H	Positive	4.43	2.40	1.30
304	5/9/2014 11:26	0.40	DR. JAMB	METAL	A	INTACT	GREEN	RM 13	735 H	Positive	1.54	8.60	6.40
314	5/9/2014 11:35	0.60	DOOR	METAL	A	INTACT	WHITE		741 H	Positive	1.90	3.50	2.40
315	5/9/2014 11:36	2.01	DOOR	METAL	C	INTACT	WHITE		741 H	Positive	1.58	4.20	3.20
316	5/9/2014 11:36	1.21	WALL	WOOD	C	Not Intact-Poor	WHITE		741 H	Positive	2.64	2.50	1.20
318	5/9/2014 11:37	1.20	WALL	WOOD	A	Not Intact-Poor	WHITE		741 H	Positive	3.41	2.40	1.40
319	5/9/2014 11:38	2.21	DOOR	WOOD	A	INTACT	WHITE		741 H	Positive	3.60	1.90	0.90
320	5/9/2014 11:38	1.41	DR. CASING	WOOD	A	INTACT	WHITE		741 H	Positive	4.05	2.50	1.40
321	5/9/2014 11:38	0.80	DR. JAMB	WOOD	A	INTACT	WHITE		741 H	Positive	3.41	7.30	5.80
322	5/9/2014 11:40	0.80	WALL	PLASTER	A	Not Intact-Fair	BEIGE		741 H	Positive	3.38	17.80	14.00
323	5/9/2014 11:40	0.80	WALL	PLASTER	C	Not Intact-Fair	BEIGE		741 H	Positive	4.05	14.20	12.80
330	5/9/2014 11:45	1.00	DOOR	METAL	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	2.58	3.20	2.10
333	5/9/2014 11:47	1.20	WALL	BRICK	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	10.00	6.80	5.20
335	5/9/2014 11:48	1.20	WNDW CASING	WOOD	A	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	6.98	6.50	4.40
338	5/9/2014 11:50	0.80	WALL	BRICK	B	Not Intact-Poor	WHITE	Exterior	735-741 H	Positive	5.21	17.50	14.50

\* Indications as to positive (POS) or negative (NEG) are based on comparison to 1.0 mg/cm<sup>2</sup>.  
Cal/OSHA regulates operations which disturb lead in any detectable amount.  
Refer to the enclosed Cal/OSHA Regulation 8 CCR 1523.1 for requirements.

## **Appendix E**

### **Calibration Check Test Results**

T. BROOKS & ASSOCIATES, INC.  
613 Harvard Avenue, Suite 201  
Clovis, California 93612  
(559) 298-9135 - office  
(559) 298-2281 - fax

PROJECT NO. 14-7146

DATE 5/9/2014

## CALIBRATION CHECK TEST RESULTS

TBA FORM #7

Address / Unit No.	Commercial Building
	735 - 741 "H" Street
	Fresno, California
Name of Inspector	Chad Calhoun
Device	Niton XL 309
XRF Serial No.	U1847NR3578

Calibration Check Tolerance Used 1.04

### First Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm <sup>2</sup>			First Average	Difference between First Average and 1.04 mb/cm <sup>2</sup> *
First Reading	Second Reading	Third Reading		
1.00	1.10	1.10	1.07	0.03

### Second Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm <sup>2</sup>			Second Average	Difference between Second Average and 1.04 mb/cm <sup>2</sup> *
First Reading	Second Reading	Third Reading		
1.00	1.00	1.00	1.00	0.04

### Third Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm <sup>2</sup>			Third Average	Difference between Third Average and 1.04 mb/cm <sup>2</sup> *
First Reading	Second Reading	Third Reading		

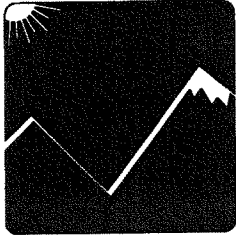
### Fourth Calibration Check

Red SRM 2573 Calibration Limit: 1.04 mg/cm <sup>2</sup>			Fourth Average	Difference between Fourth Average and 1.04 mb/cm <sup>2</sup> *
First Reading	Second Reading	Third Reading		

\* If the difference of the Calibration Check Average from the gray NIST SRM 1.04 mg/cm<sup>2</sup> film value is greater than the specified Calibration Check Tolerance for this device, consult the manufacturer's recommendations to bring the instrument back into control. Retest all testing combinations tested since the last successful Calibration Check test.

## **Appendix F**

### **San Joaquin Valley Unified Air Pollution Control District Information & Forms**



# San Joaquin Valley Unified Air Pollution Control District

## COMPLIANCE ASSISTANCE BULLETIN

July 2006

### ASBESTOS REQUIREMENTS for DEMOLITION and RENOVATIONS

The San Joaquin Valley Air Pollution Control District (District) Rule 4002 requires compliance with the *National Emission Standards for Hazardous Air Pollutants* (NESHAP) regulation, 40 CFR, Part 61, Subpart M developed by the United States Environmental Protection Agency (EPA). The purpose of this bulletin is to provide an overview of the NESHAP notification, inspection and emission control requirements as they relate to asbestos.

### SUMMARY

For any renovation or demolition of a regulated facility, you must do the following:

- **INSPECT:** Conduct a thorough asbestos inspection of the facility before:

Any renovation in which more than 160 square feet or more of building materials, or 260 linear feet or more of pipe insulation, will be disturbed at a regulated facility, or

Any demolition at a regulated facility. (See page 2 for the definition of demolition)

**Regulated facilities** (Facilities subject to the NESHAP) include all commercial building, residential buildings with more than four dwelling units, other structures and non-portable equipment. A single family dwelling or residential buildings with four or fewer units may be exempt, depending on its past use and future use of the property. The EPA has extensive policy on the NESHAP applicability to these structures. Contact the District to determine if your project is regulated.

- **ASBESTOS ABATEMENT:** If asbestos-containing material (ACM) is discovered, which will be disturbed during a renovation or demolition, they must be removed prior to those projects under most circumstances. Also, Cal-OSHA and Cal-EPA hazardous waste regulations apply in most cases.
- **NOTIFY:** Submit a complete asbestos notification form to the District for any regulated asbestos abatement project or demolition, 10 working days before the activity begins.

A *regulated asbestos abatement project* is one in which at least 160 Square feet of regulated asbestos-containing building materials (RACM) or 260 linear feet of asbestos-containing pipe insulation is disturbed.

*Regulated demolitions* are demolitions of "facilities" described above. Notification is required for any regulated demolition, whether or not asbestos is present.

- **FEES:** Pursuant to District Rule 3050, fees must be submitted to the District with all regulated renovations and demolitions notifications. Notifications received without the appropriate fee will be considered incomplete.

**DEMOLITION PERMIT RELEASE FORM:** Any demolition (regulated or not), for which a building department demolition permit is applicable, requires a completed Demolition Permit Release form. Building officials will require an approved copy of this form, signed by the District, prior to the issuance of a building department demolition permit.

### **SOME DEFINITIONS: 61.141**

1. **FACILITIES** - Facilities subject to the rule include “all structures, installations, buildings and equipment, except for a single family dwelling (SFD) or a residential building with more than four dwelling units. However SFD or building with four or fewer units is also subject to the regulation if:
  - a. It has been used for, or is being removed to be replaced by a non-residential use, or
  - b. It is to be used as a training burn exercise.
  - c. Sites with more than one such building remodeled or demolished are always regulated.
2. **DEMOLITION** - In addition to the total destruction of a structure, demolitions include “the removal of any structural load-bearing member from a facility together with any related handling operations or the intentional burning of a building” (training burns conducted by a fire fighting agency only). Also, the separation of a structure from its foundation prior to relocation is a demolition.
3. **RENOVATION** - means “altering a facility or one or more facility components in any way, including the stripping or removal RACM from a facility component.” Renovations include all activities in which asbestos could be disturbed at a regulated facility, including the clean up and removal of debris from buildings which have burned.
4. **NON-FRIABLE ACM**
  - a. **Category I non-friable** is “asbestos-containing packing, gaskets, resilient floor covering and asphalt roofing products containing more than 1 percent asbestos as determined by PLM testing that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.”
  - b. **Category II non-friable ACM** is “any ACM, excluding Category 1 ACM, containing more than 1 percent asbestos as determined by PLM testing, that when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.”
5. **RACM - include:**
  - a. **Friable ACM**, which is any material containing more than 1 percent asbestos, as determined by Polarized Light Microscopy (PLM) testing, which, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure.
  - b. **Category I nonfriable ACM** that is in poor condition and “has become friable” or “that has or will be subjected to sanding, grinding, cutting, or abrading.”
  - c. **Category II nonfriable ACM** 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.

### **INSPECTION: 61.145 (a)**

**An asbestos inspection must be performed by the owner or operator prior to:**

- a. Any regulated demolition.
- b. Any renovation activity in which more than 160 square feet of building material or 260 linear feet of pipe insulation will be disturbed. An inspection is not necessary, however, if the material to be disturbed is stipulated to be asbestos containing and will be removed in accordance with the NESHAP.

Cal-OSHA regulations in the California Labor Code, 9021.5 through 9021.8, require that asbestos-consulting services (inspections) shall be performed by a person who is certified by Cal-OSHA, and who has taken and passed an EPA-approved Building Inspector course and performs the inspection according to the procedures outlined in the course.

**The District requires that inspection reports (surveys) must include:**

- a. A schematic showing the location of all tested materials.
- b. The following data for all asbestos-containing materials:
  - 1. The amount and description of each material.
  - 2. Percent asbestos content (10% and below must be point counted).
  - 3. Whether or not the material is friable.

**A report of the asbestos inspection (survey) must be received with each demolition notification.**

### **NOTIFICATION 61.145 (b)**

**A hard copy of the asbestos notification must be submitted to the District, at least 10 working days prior to:**

- a. Any regulated demolition (see definitions of *demolition* and *facility* above).
- b. Any renovation in which more than 160 Square feet or 260 Linear feet of RACM will be disturbed.

The District notification form and instructions for filling it out are with the bulletin.

**Notifications will not be complete, nor will the 10 working day notice period begin, until all of the required information and fees have been submitted to the District.**

Notifications may be submitted by hand delivery, U.S mail or commercial courier. Facsimile ~~is~~ and e-mails are not acceptable methods of delivery.

## **ASBESTOS ABATEMENT: 61.145 (c)**

Asbestos-containing materials discovered during the inspection process, which will be disturbed during renovation or demolition, must be removed properly prior to the demolition or renovation. Employees engaged in asbestos abatement work must be properly trained and equipped for the work in accordance with Cal-OSHA regulations. The Cal-OSHA and NESHAP regulations have specific work practice requirements to be followed during the removal of these materials. Also, the NESHAP regulation and Cal-EPA have waste handling, transportation and disposal requirements applicable that must be adhered to.

### **SJVUAPCD Rule 3050 (Fees)**

A nonrefundable fee must be paid with each demolition and renovation notification, in accordance with SJVUAPCD Rule 3050, Asbestos Removal Fees, which is attached. Fees for asbestos abatement projects are based on the amount of RACM removed. If a project involves at least 160 square feet, 260 linear feet and/or 35 cubic feet or more of RACM, fees for each quantity of material are determined and added together to arrive at the total fee for the project.

The fee for a demolition notification is \$124.

### **DEMOLITION PERMIT RELEASE FORM**

CH & S Section 19827.5 requires city or county building officials to have proof of compliance with, or exemption from, the asbestos NESHAP notification requirements before they issue demolition permits. In order to facilitate this, the District has developed a Demolition Permit Release form (attached). For facilities subject to the NESHAP, the District will issue a Demolition Permit Release form once it has been properly noticed of the work that is to occur. *The Signed release form does not guarantee that asbestos abatement or demolition work is being done properly.* For all demolitions, including facilities exempt from the NESHAP, the applicant must fill out the Demolition Permit Release form and have it signed by the District before obtaining a building department demolition permit. The District allows facsimile transmittal of release forms.

### **RECYCLING/WASTE DISPOSAL**

In addition to waste disposal information about RACM, the asbestos notification must identify any building materials, which will be recycled after removal from a project. The name of the recycling contractor and location of such activity must be identified.

**No asbestos containing or asbestos contaminated material may be recycled.**

If you have any questions, we encourage you to contact one of our three regional offices.

#### **Northern region**

Merced, San Joaquin and  
Stanislaus Counties

4800 Enterprise Way,  
Modesto, CA 95356

(209) 557-6400

Fax (209) 557-6475

#### **Central Region**

Fresno, Kings and Madera  
Counties

1990 Gettysburg Avenue,  
Fresno, CA 93726

(559) 230-6000

Fax (559) 230-6062

#### **Southern Region**

Kern and Tulare  
Counties

34946 Flyover Court  
Bakersfield, CA 93308

(661) 392-5500

Fax (661) 392-5586

**RULE 3050 ASBESTOS REMOVAL FEES** (Adopted May 21, 1992; Amended December 17, 1992; Amended February 18, 1993; Amended August 21, 1997; Amended January 17, 2008, effective July 1, 2009)

Note: This rule is effective on and after July 1, 2009.

**1.0 Applicability**

The National Emission Standards for Hazardous Air Pollutants (NESHAP), adopted by reference as District Rule 4002, and therefore these fees are applicable to:

- 1.1 all demolitions whether or not asbestos is present; and
- 1.2 renovations in which 260 linear feet, 160 square feet, or 35 cubic feet or more of regulated asbestos containing materials are disturbed.

**2.0 Fees**

Every person filing notification of an asbestos removal project, subject to the provisions of Rule 4002 (National Emissions Standards for Hazardous Air Pollutants), shall pay upon filing, the nonrefundable fee prescribed herein. The total fee for any project shall be the sum of the applicable fee components below.

**Demolition or Renovation:**

Linear Feet	Square Feet	Cubic Feet	Fee Component (\$)
0 - 259*	0 - 159*	0 - 34*	124
260 - 499	160 - 499	35 - 109	124
500 - 999	500 - 999	110 - 218	211
1,000 - 2,499	1,000 - 2,499	219 - 547	421
2,500 - 4,999	2,500 - 4,999	548 - 1,094	700
5,000 - 9,999	5,000 - 9,999	1,095 - 2,188	1,050
10,000 or more	10,000 or more	2,189 or more	1,400

\* Demolition only. Does not apply to renovations.

# San Joaquin Valley Unified Air Pollution Control District

## ASBESTOS DEMOLITION/RENOVATION NOTIFICATION FORM GENERAL INFORMATION

The Asbestos NESHAP, 40 CFR Part 61, Subpart M, requires written notification of demolition or renovation operations under Section 61.145. The form below may be used to fulfill this requirement. Only complete notification forms are acceptable. Incomplete notification may result in enforcement action.

The notification must be postmarked or delivered no later than ten working days prior to the beginning of the asbestos removal activity (dates specified in section 7) or demolition (dates specified in Section 8). Please submit this form and corresponding fees to the appropriate office:

For Fresno, Madera and Kings Counties:

SJVUAPCD

Attention: Asbestos Program  
1990 E. Gettysburg Avenue  
Fresno, California 93726

For San Joaquin, Stanislaus and Merced Counties:

SJVUAPCD

Attention: Asbestos Program  
4800 Enterprise Way  
Modesto, CA 95356

For Tulare and Kern Counties:

SJVUAPCD

Attention: Asbestos Program  
34946 Flyover Court  
Bakersfield, CA 93308

### INSTRUCTIONS

- Type of Notification:** Check Original if the notification is a first time or original notification; Revised (Dates) if the notification is a revision dates only; Revised (Others) if the notification is a revision of other data (highlight changes); Canceled if the project has been canceled; or "Courtesy" if the activity is not regulated. When submitting a revised notification add a number (starting with the number 1) after "revised" to differentiate between revisions.
- Type of Operation:** Check for facility demolition, ordered demolition, facility renovation, or Emergency renovations.
- Facility Description:** Provide detailed information on the areas being renovated or demolished. If applicable, provide the floor numbers and room numbers where renovations are to be conducted.  
  
Site Location: Provide information needed to locate the site in the event that the address alone is inadequate.  
  
Present Use/Prior Use/Future Use: Describe the primary use of the facility or enter the following: Hospital; School; Public Building; Office; Industrial; University or College; Ship; Commercial; Residence; or Subdivision.
- Is Asbestos Present?** Answer "Yes" or "No" regardless of the amount or type of asbestos.
- Include a complete asbestos report (survey) that accurately depicts amounts, percent, analytical method used
- Approximate Amount of Asbestos including:** (1) Regulated ACM to be removed (including non-friable ACM to be sanded, ground or abraded); (2) Category III ACM not removed; and for "courtesy notices" (3) Non-friable ACM to be removed. Enter amounts in square feet or linear feet. Describe volume in cubic feet only if the amount cannot be approximated in square feet or linear feet.
- Removal Dates (MM/DD/YY):** Enter scheduled dates for asbestos removal work. Asbestos removal work includes any activity, including site preparation, which will break up, dislodge or disturb asbestos material.
- Demo/Renovation Dates (MM/DD/YY):** Enter scheduled dates for beginning and ending the planned demolition or renovation.
- FACILITY OWNER INFORMATION:** Enter the name of the site supervisor and contact person for the notification. If additional parties share responsibility for the site, demolition activity, renovations or ACM removal, include complete information (including name, address, contact person and telephone number) below.
- Removal Contractor:** Contractor hired to remove asbestos.
- Other Contractor:** Demolition contractor, general contractor, or any other person, who leases, operates, controls or supervises the site.

12. Description of Planned Demolition or Renovation Work and Method(s) to be Used: Include in this area a description of the demolition and renovation techniques to be used and the types of facility components and materials which will be affected by this work.
13. Description of Engineering Controls and Work Practices to be Used to Prevent Emissions at the Site: Describe the work practices and engineering controls selected to ensure compliance with the requirements of the regulations, including both asbestos removal and waste-handling emission control procedures.
14. ACWM Transporter(s): Enter the names, addresses, contact persons and telephone numbers of the persons or companies responsible for transporting ACM from the removal site to the waste disposal site. If the removal contractor or owner is the waste transporter, state "same as owner" or "same as removal contractor." If additional parties are responsible include complete information on an additional sheet submitted with the form.
15. ACWM Disposal Site: Identify the waste disposal site, including the complete name, location and telephone number of the facility. If ACM is to be disposed of at more than one site, provide complete information on an additional sheet submitted with the form.
16. Recycling of Waste Material (No ACM may be recycled): Identify the site, including the complete name, location and telephone number of the facility, where any material is to be taken for recycling.
17. If Demolition Ordered by a Government Agency, Please Identify the Agency: Provide the name of the responsible official, title and agency, authority under which the order was issued, the dates of the order and the dates of the ordered demolition. A copy of the order shall be attached to the notification.
18. For Emergency Renovation: Provide the date and time of the emergency, a description of the event and a description of unsafe conditions, equipment damage or financial burden resulting from the event. The information should be detailed enough to evaluate whether a renovation falls within the emergency exception.
19. Description of Procedures to be Followed in the Event that Unexpected Asbestos is Found or Previously Nonfriable Asbestos Material Becomes Crumbled, Pulverized, or Reduced to Powder: provide adequate information to demonstrate that appropriate actions have been considered and can be implemented to control asbestos emissions adequately, including at a minimum, conformance with applicable work practice standards.
20. Certification of Presence of Trained Supervisor: The notifier must certify that a person trained in asbestos-removal procedures will supervise the demolition or renovation. The supervisor is responsible for the activity on-site. Evidence that the supervisor has completed the training must be available for inspection during normal business hours.
21. Verification: Please certify the accuracy and completeness of the information provided by signing and dating the notification form.

# San Joaquin Valley Unified Air Pollution Control District

## Asbestos Notification

Operator Project #	Postmark Date	Received Date	Fee Received \$	District Notification #	
Completed by:		Company:		Phone:	
<b>1. TYPE OF NOTIFICATION:</b>	Original <input type="checkbox"/>	Revised (Dates) <input type="checkbox"/>	Revised (Others) <input type="checkbox"/> (Highlight Changes)	Canceled <input type="checkbox"/>	Courtesy <input type="checkbox"/>
<b>2. TYPE OF OPERATION:</b>	Demo <input type="checkbox"/>	Ordered Demo <input type="checkbox"/>	Renovation <input type="checkbox"/>	Emergency Renovation <input type="checkbox"/>	
<b>3. FACILITY DESCRIPTION:</b> (Include building name, number, and floor or room number)					
Building Name:			Lease Name:		
Address:			City:	County:	
Site Location on property:					
Is demolition in preparation for construction? <input type="checkbox"/> Yes <input type="checkbox"/> No		Building Size:	Sq Ft	Number of Floors:	Age:
Present Use:		Prior Use:		Future Use:	
<b>4. IS ASBESTOS PRESENT:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <b>SURVEY COMPLETED:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> TO BE CONDUCTED					
<b>5. A COPY OF THE INSPECTION REPORT WITH PROCEDURE, INCLUDING ANALYTICAL METHOD USED TO DETECT THE PRESENCE OF ASBESTOS MATERIAL MUST BE INCLUDED WITH THIS NOTIFICATION.</b>					
<b>6. Approximate amount of asbestos, including:</b> 1. Regulated ACM to be removed. 2. Category I/II ACM not removed. 3. Non-friable ACM to be removed.		(1) RACM to be removed	Friable ACM (<1%)	(2) Non-friable ACM not to be removed Category I    Category II	
				(3) Non-friable ACM to be removed (Courtesy) Category I    Category II	
Pipes (Linear Feet)					
Surface Area (Square Feet)					
Volume (Cubic Feet-If Lnft Or Sqft Could Not Be Measured)					
<b>ASBESTOS REMOVED FROM</b>		Surfaces: <input type="checkbox"/> Yes <input type="checkbox"/> No		Pipes: <input type="checkbox"/> Yes <input type="checkbox"/> No	Components: <input type="checkbox"/> Yes <input type="checkbox"/> No
<b>AMOUNT OF EACH TYPE OF ASBESTOS (in square feet)</b>		Acoustic ceiling	Sheet Vinyl	Insulation	Fire Proofing
		Ducting	Stucco	Mastic	
Floor Tile (VAT)	Dry Wall	Plaster	Transite	Roofing	Others (Describe)
<b>7. REMOVAL DATES:</b> (MM/DD/YY)		Start:		Complete:	
<b>8. DEMO/RENOVATION DATES</b> (MM/DD/YY)		Start:		Complete:	
<b>9. FACILITY OWNER INFORMATION:</b>					
Address:			City:	State:	Zip:
Contact:			Telephone:	Site Supervisor:	
<b>10. REMOVAL CONTRACTOR:</b>			<b>CAL-OSHA REGISTRATION #:</b>		
Address:			City:	State:	Zip:
Contact:			Telephone:	Site Supervisor:	
<b>11. OTHER CONTRACTOR:</b>			<b>CSLB LICENSE #:</b>		
Address:			City:	State:	Zip:
Contact:			Telephone:	Site Supervisor:	

<b>12. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, AND METHOD(S) TO BE USED:</b>			
<b>13. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT ASBESTOS EMISSIONS AT THE SITE:</b>			
<b>14. ACWM WASTE TRANSPORTER:</b>			
Address:	City:	State:	Zip:
Contact:	Telephone:		
<b>15. ACWM WASTE DISPOSAL SITE:</b>			
Address:	City:	State:	Zip:
Contact:	Telephone:		
<b>16. RECYCLING OF WASTE MATERIAL (NO ACM MAY BE RECYCLED):</b>			
Name:			
Location:	City:	State:	Zip:
Contact:	Telephone:		
<b>17. DEMOLITION ORDERED BY A GOVERNMENT AGENCY; identify the agency, attach copy of the order)</b>			
Name:		Title:	
			Authority:
Date of order (MM/DD/YY):		Date order to begin: (MM/DD/YY):	
<b>18. FOR EMERGENCY RENOVATIONS:</b>			
<b>GIVE THE NAME AND PHONE NUMBER OF THE PERSON DECLARING/AUTHORIZING THE EMERGENCY, DATE AND HOUR OF EMERGENCY AND DESCRIPTION OF THE SUDDEN, UNEXPECTED EVENT:</b>			
<b>EXPLANATION OF HOW THE EVENT CAUSED UNSAFE CONDITIONS OR WOULD CAUSE EQUIPMENT DAMAGE OR AN UNREASONABLE FINANCIAL BURDEN:</b>			
<b>19. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY ON-FRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED TO POWDER:</b>			
<b>20. IF RACM IS PRESENT AN INDIVIDUAL TRAINED IN THE PROVISIONS OF THIS REGULATION (40 CFR., PART 61, SUBPART M) WILL BE ON SITE DURING THE DEMOLITION OR RENOVATION AND EVIDENCE THAT THE REQUIRED TRAINING HAS BEEN ACCOMPLISHED BY THIS PERSON WILL BE AVAILABLE FOR INSPECTION.</b>			
<b>21. I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT TO THE BEST OF MY KNOWLEDGE.</b>			
PRINT NAME OF OWNER/OPERATOR		SIGNATURE OF OWNER/OPERATOR	DATE

*Category I non-friable asbestos-containing material (ACM)* means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos.

*Category II non-friable ACM* means any material, excluding Category I non-friable ACM, containing more than 1 percent asbestos.

*Regulated asbestos-containing material (RACM)* means (a) Friable asbestos material, (b) Category I nonfriable ACM that has become friable, (c) Category I nonfriable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II nonfriable ACM 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 this subpart.

# SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

☐ **Northern Region Office**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
(209) 557-6400 ♦ FAX (209) 557-6475  
(San Joaquin, Stanislaus and Merced Counties)

☐ **Central Region Office**  
1990 East Gettysburg Avenue  
Fresno, CA 93726-0244  
(559) 230-6000 ♦ FAX (559) 230-6062  
(Fresno, Madera and Kings Counties)

☐ **Southern Region Office**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
(661) 392-5500 ♦ FAX (661) 392-5585  
(Tulare and Kern Counties)

## DEMOLITION PERMIT RELEASE

The purpose of this form is to verify compliance with or exemption from the National Emission Standards for Hazardous Air Pollutants (NESHAP) asbestos **notification** requirements. It is the Applicant's responsibility to obtain the required signature from the District and return this form to the appropriate city or county building department **prior to obtaining a demolition permit.**

### Project Description

Job Site Address: _____		City: _____	Zip Code: _____
Owner's name: _____		Telephone: _____	Fax: _____
Owner's Address: _____		City: _____	Zip Code: _____
Contractor's Name: _____		Telephone: _____	Fax: _____
Contractor's Address: _____		City: _____	Zip Code: _____

1. Structure(s) being demolished:	Yes	No	2. Proposed project:	Yes	No
One structure (non-commercial), with four or fewer units.	<input type="checkbox"/>	<input type="checkbox"/>	Single Family Dwelling	<input type="checkbox"/>	<input type="checkbox"/>
Other (describe): _____			Subdivision, Retail or Commercial Project	<input type="checkbox"/>	<input type="checkbox"/>
Is demolition by intentional burning?	<input type="checkbox"/>	<input type="checkbox"/>	Public Project (School, Highway, etc..)	<input type="checkbox"/>	<input type="checkbox"/>
			Other (describe): _____		

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signature of applicant \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

### FOR SJVUAPCD USE ONLY

- ☐ This certifies that the demolition applicant has satisfied the APCD's notification requirements. The APCD allows the demolition to proceed on or after \_\_\_\_\_, 20\_\_\_\_.
- ☐ This certifies that the Demolition application is exempt from the APCD's requirements.
- District approval on this form only indicates compliance with or exemption from the NESHAP notification requirements. Enforcement action will be taken if asbestos NESHAP violations are found at the project.**
- Further, there are other agencies that regulate the handling and disposal of ACM, such as OSHA, Cal-OSHA, and DTSC regardless of NESHAP applicability to your property.**

Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Approval Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# SAN JOAQUIN VALLEY UNIFIED AIR POLLUTION CONTROL DISTRICT

☐ **Northern Region Office**  
4800 Enterprise Way  
Modesto, CA 95356-8718  
(209) 557-6400 ♦ FAX (209) 557-6475  
(San Joaquin, Stanislaus and Merced Counties)

☐ **Central Region Office**  
1990 East Gettysburg Avenue  
Fresno, CA 93726-0244  
(559) 230-6000 ♦ FAX (559) 230-6062  
(Fresno, Madera and Kings Counties)

☐ **Southern Region Office**  
34946 Flyover Court  
Bakersfield, CA 93308-9725  
(661) 392-5500 ♦ FAX (661) 392-5586  
(Tulare and Kern Counties)

## RENOVATION PERMIT RELEASE

District Rule 4002 adopts the National Emission Standards for Hazardous Air Pollutants (NESHAP) asbestos regulation. This rule requires that subject facilities be inspected for asbestos prior to remodeling. Regulated asbestos-containing materials (RACM) must be removed prior to remodeling work. Furthermore, a signed **Demolition** Permit Release form is required prior to obtaining a building department demolition permit.

### Project Description

Job Site Address: _____	City: _____	Zip Code: _____
Owner's name: _____	Telephone: _____	Fax: _____
Owner's Address: _____	City: _____	Zip Code: _____
Contractor Name: _____	Lic.#: _____	Telephone: _____
Contractor Address: _____	City: _____	Zip Code: _____
Contractor Contact: _____	Telephone: _____	Fax: _____
Facility being remodeled:	Yes	No
Single Family Dwelling or Apartment with four or fewer units.	<input type="checkbox"/>	<input type="checkbox"/>
Other (Describe): _____		
Asbestos Compliance:	Yes	No
1. Will any load-supporting structural member be removed?	<input type="checkbox"/>	<input type="checkbox"/>
2. Will 160 square feet of building materials or 260 linear feet of pipe insulation be disturbed?	<input type="checkbox"/>	<input type="checkbox"/>
3. Has an asbestos survey has been completed?	<input type="checkbox"/>	<input type="checkbox"/>
4. Is regulated asbestos-containing material (RACM) present?	<input type="checkbox"/>	<input type="checkbox"/>
5. Will >160 square feet or >260 linear feet of RACM be removed? <i>If yes, APCD notification must be submitted.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Comments: _____		

**Be advised that Regulation VIII, Fugitive PM10 Prohibitions, requires that the exterior of buildings be wetted during demolition and debris wetted during loading activities. Rule 8020, § 5.1.1.1 & § 5.1.1.3.**

Signature of applicant \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

### FOR SJVUAPCD USE ONLY

☐ Information provided indicates that District asbestos abatement requirements have been met.

☐ This certifies that the renovation project is exempt from the District's asbestos requirements.

*District approval on this form only indicates compliance with or exemption from the NESHAP asbestos requirements, based on information submitted. It does not indicate that the District has verified this compliance by field inspection. Enforcement action will be taken if asbestos NESHAP violations are found at the project.*

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Approval Signature: \_\_\_\_\_

Date: \_\_\_\_\_

This form is no longer valid 30 days after approval or if information provided changes.

## **Appendix G**

### **Regulatory Resource List For Asbestos & Lead Regulations**

## **REGULATORY RESOURCE LIST – ASBESTOS**

### **California Occupational Safety & Health Administration (Cal/OSHA):**

#### **8 CCR 1529 Asbestos in Construction Standard**

Websites: <http://www.dir.ca.gov/title8/1529.html> (Regulation)

<http://www.dir.ca.gov/dosh/ACRU/ACRUhome.html> (Report of Use)

#### **Summary of Regulation:**

1. Regulates Friable and Non-Friable ACBMs which contain asbestos in excess of 0.1% by weight.
2. Applicable to workers engaged in disturbance of ACBM (>1.0%) and ACCM (0.1 - 1.0%) and workers in close proximity to the work area.
3. Contractors who disturb in excess of 100 sq. ft. must be a "Certified Abatement Contractor" with the State of California Contractors State License Board and have an ASB attachment on their license with the exception of flooring, roofing, and asbestos-cement products.
4. Contractors that disturb less than 100 sq. ft. must also file a "Report of Use" with the State of California.
5. Contractors who disturb any amount of ACBM must ensure worker protection by providing accredited training, medical surveillance, PPE and a negative exposure assessment.
6. All work must be conducted in accordance with the regulation.

### **NESHAP Regulation – United States Environmental Protection Agency:**

#### **40 CFR Part 6, Subpart M- National Emission Standard for Asbestos**

Website: <http://www.epa.gov/asbestos/pubs/asbreg.html>

#### **Summary of Regulation:**

1. Regulates renovation projects on all commercial structures, certain residential properties, and multi-family properties with four (4) or more units.
2. Has jurisdiction over projects involving disturbance of greater than 160 sq. ft. or 260 lin. ft. of ACBM (>1.0%) or "Presumed Asbestos-Containing Material."
3. Regulates all demolition, regardless of whether asbestos is present on targeted structures.
4. Enforced by local air quality management district or EPA region office in non-delegated districts.

### **San Joaquin Valley Air Pollution Control District**

Website: <http://www.valleyair.org/busind/comply/asbestosbultn.htm>

#### **Summary of Regulation:**

1. Enforces NESHAP regulation.
2. Requires filing of completed notification, payment of fees, and ten (10) day waiting-period prior to commencing abatement related work in excess of threshold levels of RACM, non-friable ACBM which may become friable, and for all demolition activities.
3. Requires that an asbestos survey be conducted and prepared by a Certified Asbestos Consultant and that a copy be submitted to the air district along with the completed notification.

## **REGULATORY RESOURCE LIST – LEAD**

### **California Occupational Safety & Health Administration (Cal/OSHA): 8 CCR 1532.1 (Lead in Construction Standard)**

Website: [http://www.dir.ca.gov/title8/1532\\_1.html](http://www.dir.ca.gov/title8/1532_1.html)

#### **Summary of Regulation:**

1. Regulates all work-related activities in which workers may be exposed to lead and any workers in close proximity to the work area.
2. Regulated levels of lead are based on level of training and experience of contractor and maintenance of historical data based on initial exposure assessments for individual “trigger tasks”.
3. Contractors that disturb in excess of 100 sq. ft. must file a “Temporary Jobsite Notification” with the local Cal/OSHA Compliance Office at least 24 hours prior to start of work.
4. Contractor shall be licensed with the State of California, Contractors State License Board and have provided all employees who will engage in the work or enter a lead “regulated area” with level of training commensurate with anticipated exposure level.
5. Employees are required under certain circumstances to be certified by the State of California Department of Public Health (CDPH) to conduct lead work.
6. The employer or contractor must send notification prior to the start of the job unless:
  - the lead content of the material disturbed is less than 0.5 percent, (5,000 parts per million) or 1.0 mg./cm<sup>2</sup>;
  - the amount of lead-containing material is less than 100 square feet or 100 linear feet;
  - the only task is torch cutting or welding for no longer than one hour per shift.
7. Contractors who disturb any amount of lead must ensure worker protection by providing accredited training, medical surveillance, PPE and conduct an initial exposure assessment per “trigger task”.
8. Employers are required to conduct biological monitoring on employees based on the schedule mandated by OSHA.

### **State of California – Department of Public Health – Title 17, Division 1, Chapter 8**

Website: <http://www.cdph.ca.gov/programs/CLPPB/Documents/Title17.pdf>

#### **Summary of Regulation:**

1. Regulates projects involving disturbance of “Lead-Based Paint” on public and residential structures.
2. If conducting “Abatement”, defined as work designed to reduce or eliminate lead hazards, only CDPH accredited workers and supervisor may conduct the work, and a completed 8551 form shall be filed with CDPH a minimum of five (5) days prior to commencing abatement operations.
3. For work classified as “Abatement”, a Lead Clearance is required. Standard includes a minimum standard for performance of work and states that all lead related work shall be conducted in accordance with the HUD Guidelines.

## **HUD Guidelines**

Website:

[http://portal.hud.gov/hudportal/HUD?src=/program\\_offices/healthy\\_homes/lbp/hudguidelines](http://portal.hud.gov/hudportal/HUD?src=/program_offices/healthy_homes/lbp/hudguidelines)

A standard developed by the Department of Housing and Urban Development which has generally been adopted as “state of the art” in the lead industry. This standard has been adopted by the State of California as a regulatory requirement.

## **U.S. Environmental Protection Agency**

### **Repair, Renovation & Painting Rule**

Website: [www.epa.gov/lead/pubs/renovation.htm](http://www.epa.gov/lead/pubs/renovation.htm)

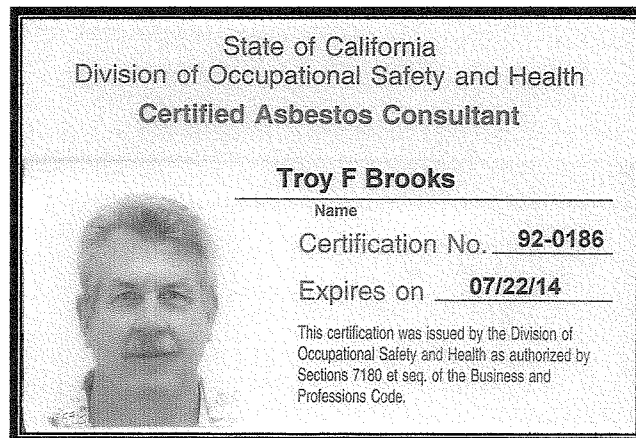
#### **Summary of Regulation:**

1. Regulates all contractors that engage in work involving disturbance of lead in pre-1978 residential housing and child-occupied facilities.
2. Requires that painted finishes to be impacted by proposed scope of work must be tested to determine if they are classified as “Lead-Based Paint” or presumed as such.
3. Requires that contractors utilize lead safe work practices.
4. In California, only a CDPH certified Inspector/Assessor may test for the presence of Lead-Based Paint.
5. Contractors must provide a copy of the “Renovate Right” pamphlet to owners or occupants of properties prior to commencing work which falls under the regulation.
6. Each job regulated under the RRP requires at least one RRP Certified Renovator be present on any job which falls under the regulation. In addition, each firm must also be RRP certified.
7. Regulation allows contractors to conduct their own clearance test known as a “Cleaning Verification”.
8. The homeowner may elect to hire a ‘third-party’ consultant to conduct clearance testing on their behalf.

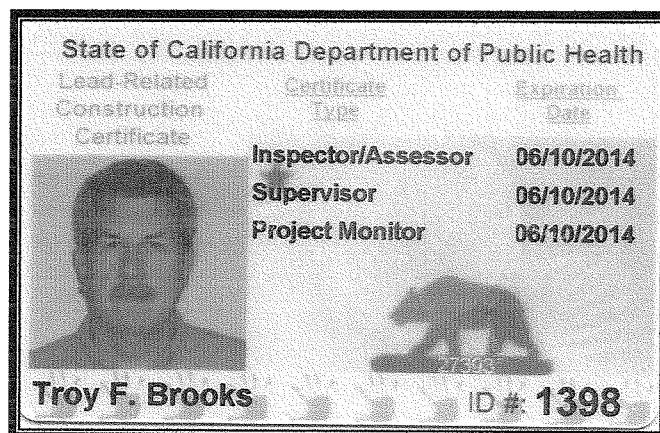
# **Appendix H**

## **Certifications**

- Professional**
- Laboratory**



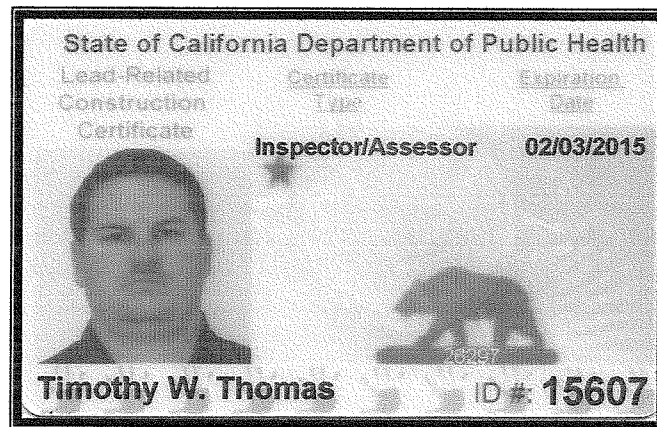
**Troy F. Brooks**  
**Certified Asbestos Consultant**



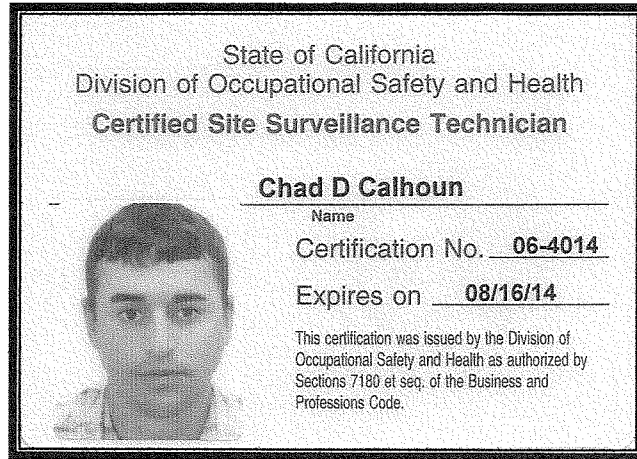
**Troy F. Brooks**  
**CDPH Lead Accredited**  
- Inspector / Assessor  
- Supervisor  
- Project Monitor



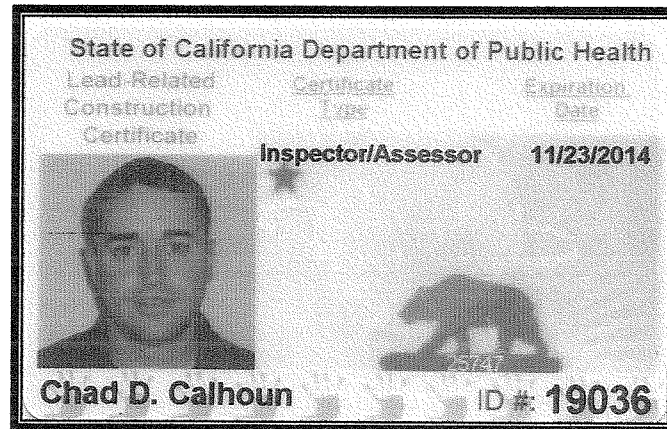
**Timothy W. Thomas**  
**Certified Asbestos Consultant**



**Timothy W. Thomas**  
**DHS Lead Accredited - Inspector/Assessor**

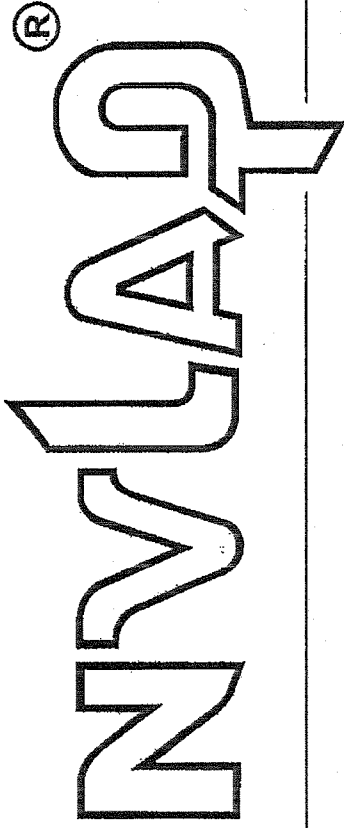


**Chad D. Calhoun**  
**Certified Site Surveillance Technician**



**Chad D. Calhoun**  
**DHS Lead Accredited - Inspector/Assessor**

United States Department of Commerce  
National Institute of Standards and Technology



## Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101926-0

**EMC Labs, Inc.**  
Phoenix, AZ

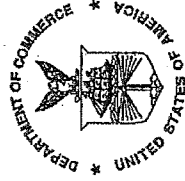
is accredited by the National Voluntary Laboratory Accreditation Program for specific services,  
listed on the Scope of Accreditation, for:

### BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.  
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality  
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2013-07-01 through 2014-06-30

Effective dates



A handwritten signature in black ink, appearing to read "Michael D. Mello".

For the National Institute of Standards and Technology