



**Demolition of Structures Located at  
Storage Structure on 2<sup>nd</sup> Street, Yucaipa  
12806 2<sup>nd</sup> Street, Yucaipa,  
12816 2<sup>nd</sup> Street, Yucaipa  
12834 2<sup>nd</sup> Street, Yucaipa**

Proposal No. 201110

**Response Due and Public Bid Opening**

**Tuesday, December 15, 2020 at 2:00 p.m.**

Yucaipa Valley Water District  
12770 Second Street  
Yucaipa, California 92399

Contact Information:

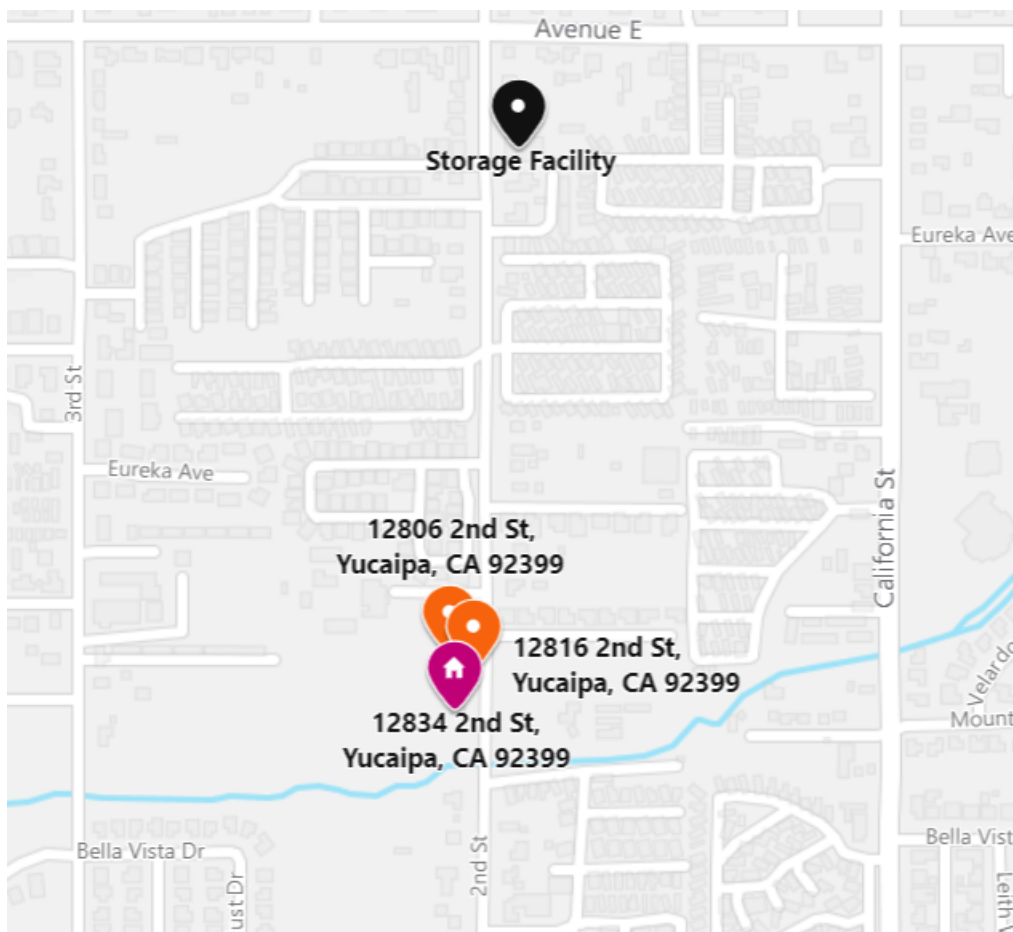
Matt Porras, Implementation Manager  
Phone: (909) 790-3300  
Email: [mporras@yvw.d.us](mailto:mporras@yvw.d.us)

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## Introduction

This Request for Proposals (“RFP”) is being issued by the Yucaipa Valley Water District (“District”) to solicit a cost for the demolition of a residential structures located at 12086 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-38); 12816 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-39); and 12834 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-63), and a steel storage facility with a concrete substructure located on 2<sup>nd</sup> Street. Demolition is defined as the demolition and removal of the building, removal of the basement and concrete foundation.



Contractors with experience in demolition and with an interest in making their services available to the District are invited to respond to this RFP. “Respondents” means the Contractors that submit proposals in response to this RFP. It is understood that the selected Respondent acting as an individual, partnership, corporation, or other legal entity, is licensed and capable of providing the specified services. The Respondent shall be financially solvent and each of its members if a joint venture, its employees, agents, or sub-consultants of any tier shall be competent to perform the services required under this RFP.

Nothing in this RFP shall be construed to create any legal obligation on the part of the District or any respondents. The District reserves the right, in its sole discretion, to amend, suspend, terminate, or reissue this RFP in whole or in part, at any stage.

In no event shall the District be liable to Respondents for any cost or damages incurred in connection with the RFP process, including but not limited to, any and all costs of preparing a response to this RFP or any other costs incurred in reliance on this RFP. No respondent shall be entitled to repayment from the District for any costs, expenses or fees related to this RFP. All

supporting documentation submitted in response to this RFP will become the property of the District and available for public review without limitations. Respondents may also withdraw their interest in the RFP, in writing, at any point in time as more information becomes known.

## Response Due Date

Due Date: Tuesday, December 15, 2020 at 2:00 p.m.

Mailing Address and Bid Opening Location: Yucaipa Valley Water District  
Attn: Matt Porras, Implementation Manager.  
12770 Second Street  
Yucaipa, California 92399

## Project Description

The Yucaipa Valley Water District (“District”) owns an old storage facility that was once used as a water storage reservoir that consists of a sloped concrete structure with a steel roof structure. This property is located at approximately 12577 2<sup>nd</sup> Street (Assessor Parcel Number 0319-441-05). At this property, the demolition will involve the demolition and removal of all concrete, piping, and steel within the area delineated below. The proposed demolition does not include the existing fences surrounding the property or materials stored in the easterly portion of the property.



The Yucaipa Valley Water District (“District”) owns three adjoining parcels: 12806 2<sup>nd</sup> Street (APN 0319-121-38), 12816 2<sup>nd</sup> Street (APN 0319-121-39), and 12834 2<sup>nd</sup> Street (APN 0319-121-63), Yucaipa. On these properties the demolition will involve the demolition and removal of all above ground house structures, concrete foundations, trees, bushes, fences, walls, and below ground utility services lines within the area delineated below.





### General Obligations of Contractor

1. The selected Contractor will be required to sign the attached Standard Agreement in Appendix A. There will be no negotiation on the language of the attached Standard Agreement.
2. The Contractor shall be licensed by the California Contractors State License Board or other required agencies.
3. The Contractor and Subcontractor must be registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.
4. The Contractor shall perform all services as expeditiously as is consistent with skill and care and shall complete the services within each and all of the time periods.
5. The Contractor shall comply with the California Fair Employment and Housing Act and all other State, Federal and local laws including, but not limited to, those prohibiting discrimination, on account of race, color, national origin, sexual orientation, religion, age, marital status, gender, or disability.
6. The Contractor shall obtain all permits necessary to complete the Project at no additional cost.

7. The Contractor shall provide all supervision, labor, equipment, technical expertise, safety equipment, and service operations to complete the project. All work shall be performed under the supervision of a qualified superintendent of foreman.
8. The designated District Representative shall have sole authority to approve all phases of the project including the quality of work and shall not authorize payment until in his or her opinion the work has been satisfactorily completed.
9. The Contractor shall ensure that employees comply with all California State Industrial regulations and practices.
10. The Contractors' personnel shall conduct themselves in a professional manner at all times. Personnel shall be courteous, neat in appearance, and wear visible Contractor identification including all personal protection equipment. All equipment shall display their company identification, including any Subcontractors.
11. The Contractor shall ensure all Contractor personnel comply with all relevant OSHA, Cal/OSHA, and Labor and Industries work safety regulations at all times they are on the project site. Contractor is responsible for implementing confined space entry procedures in accordance with all relevant laws and regulations.

### **Scope of Work and Requirements**

1. CONSTRUCTION PERIOD AND REQUIREMENT - A Notice to Proceed is anticipated to be provided to the selected contractor on or before December 23, 2020. The Contract Work shall be complete by Friday, February 5, 2021. Contractor is advised that "Liquidated Damages" of \$250 per calendar day may be assessed for each calendar day that the Work remains incomplete following the date established by the Contract Completion Schedule, as adjusted for due cause by Change Order.
2. DEMOLITION SPECIFICATIONS - The Scope of Work and Requirements includes the following:
  - a. Demolition and removal of buildings, basements, foundations, and vegetation within the identified Perimeter of Demolition and Removal.
3. DEFINITIONS
  - a. Remove: Remove and legally dispose of items except those indicated to be reinstalled, salvaged, or to remain on the District's property.
  - b. Existing to Remain: Protect items indicated to remain against damage during demolition if any.
4. MATERIALS OWNERSHIP: Except for items or materials indicated to be reused, salvaged, or otherwise indicated to remain the District's property, demolished materials shall become the Contractor's property and shall be removed from the site with further disposition at the Contractor's option.
5. SUBMITTALS - Submit each item for information only, unless otherwise indicated.
  - a. Schedule of demolition activities indicating the detailed sequence of demolition and removal work, with starting and ending dates for each activity.
  - b. Inventory of items to be removed and salvaged.

- c. Landfill records.

6. PROJECT CONDITIONS

- a. Contractor is responsible to comply with any/all required demolition permits required by local authorities and ordinances.
- b. Buildings to be demolished will be vacated and their use discontinued before start of Work.
- c. Conditions existing at time of inspection for bidding purpose will be maintained by the District as far as practical.
- d. Storage or sale of removed items or materials on-site will not be permitted.
- e. Landfill Disposal - Contractor shall supply District with a copy of landfill and disposal receipts.

7. EXAMINATION

- a. Survey existing conditions and correlate with requirements indicated to determine extent of demolition required.
- b. Survey the condition of the buildings to determine whether removing any element might result in a structural deficiency or unplanned collapse of any portion of the structure or adjacent structures during demolition.
- c. Perform surveys as the Work progress to detect hazards resulting from demolition activities.

8. PREPARATION

- a. Drain, purge, or otherwise remove, collect, and dispose of chemicals, gases, explosives, acids, flammables, or other dangerous materials before proceeding with demolition operations.
- b. Conduct demolition operations and remove debris to ensure minimum interference with roads, streets, walks, and other adjacent occupied and used facilities.
- c. Do not close or obstruct streets, walks, or other adjacent occupied or used facilities without permission from authorities having jurisdiction. Provide alternate routes around closed or obstructed traffic ways if required by governing regulations.
- d. Conduct demolition operations to prevent injury to people and damage to adjacent buildings and facilities to remain. Ensure safe passage of people around demolition area.
- e. Erect temporary protection such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction.
- f. Protect existing site improvements, appurtenances, and landscaping to remain.
- g. Use of explosives will not be permitted.
- h. Pollution Controls - Under the authority of Section 112 of the Clean Air Act, as amended, 42 U.S. C. 1857 (C-7), the Administrator of the United States Environmental Protection Agency (EPA) promulgated National Emission Standards for Hazardous Air Pollutants on April 6, 1973, (38 F.R. 8820) Asbestos was designated a hazardous air pollutant, and standards were set for its use, and to control asbestos emissions. It was determined that one significant source of asbestos emissions was the demolition of certain buildings and structures.

- i. Use water mist, temporary enclosures, and other suitable methods to limit the spread of dust and dirt. Comply with governing environmental protection regulations.
  - i. Do not create hazardous or objectionable conditions, such as flooding and pollution when using water.
  - j. Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
  - k. Clean adjacent buildings and improvements of dust, dirt and debris caused by demolition operations. Return adjacent areas to condition existing before start of demolition.
  - l. Contractor shall limit hours of operation to Monday through Friday during the hours of 8:00 a.m. to 3:00 p.m. Special hours of operation outside the normal hours must be approved by the District. Contractor shall limit noise pollution at all times to prevent objectionable conditions.
9. DEMOLITION
- a. Building Demolition: Demolish buildings, structures, facilities, and other debris including brush and trees or logs, and completely remove from the site. Use methods required to complete Work within limitations of governing regulations.
  - b. Locate demolition equipment in and around buildings and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
  - c. Dispose of demolished items and materials promptly. On-site storage or sale of removed items is prohibited.
  - d. Break up and remove concrete slabs.
  - e. Remove structural framing members to ground to avoid free fall and to prevent ground impact and dust generation.
  - f. Below-Grade Construction: Demolish and remove all foundation walls and all below-grade construction.
  - g. Basement Excavation - Below grade structures foundation/basement floor shall be totally removed.
  - h. Completely fill below-grade areas and voids resulting from demolition of buildings and removal of building basement and garage foundation with soil materials and sufficient compaction to ensure there is proper drainage and no ponding of water on the site for a minimum period of one year.
  - i. Damages: Promptly repair damages to adjacent facilities caused by demolition operations.
  - j. Special Conditions - The Contractor shall preserve all surrounding buildings and property. Contractor should note the proximity of surrounding buildings. Any damage to surrounding buildings or property will be repaired by the Contractor at his expense.
10. DISPOSAL OF DEMOLISHED MATERIALS
- a. Promptly dispose of demolished materials. Do not allow demolished materials to accumulate on-site.

- b. Burning: Do not burn demolished materials.
  - c. Transport demolished materials and legally dispose of them.
11. **FILL MATERIAL AND COMPACTION** - Contractor to provide clean fill material where needed to achieve a consistent grade matching area not included within the Perimeter of Proposed Demolition such that there is no ponding, depressions, or swales. Contractor to provide a compaction report indicating that all fill areas for below-grade demolition results in a minimum 90% compaction for bottom, center, and top of filled areas at a location determined by the District staff.
  12. **MEASUREMENT AND PAYMENT** - The work of Building Demolition shall not be paid for separately but shall be included in the lump sum project cost payable within 30 days of receipt of invoice for the completion of the project and following a post-demolition job walk.
  13. **COORDINATION** - Contractor shall accommodate District representative who will be monitoring Contractors activities.
  14. **WORK HOURS** - Generally standard work hours shall occur between the hours of 8:00 am to 3:00 pm, Monday through Friday unless otherwise authorized by a District representative.
  15. **HEALTH AND SAFETY** - All work shall be done in a safe, workmanlike manner. Work performed, methods, and equipment used shall be in conformance with the prevailing State and Federal Occupational Safety and Health Act. Costs from delays and losses due to Contractor operations not in conformance to these acts, or stoppages by OSHA inspectors or the designated representative, as a result of non-conformance, shall be solely borne by the Contractor.  

All Cal-OSHA and Title 8 requirements shall be followed for access to confined spaces. Confined space entry procedures shall be submitted prior to contract award.
  16. **LICENSES** - Contractor must possess the following Contractor licenses:
    - a. Class A General Engineering
  17. **TRAFFIC CONTROL** - The Contractor shall be responsible, during all phases of the work to provide for public safety and convenience. Operations shall be conducted in such a manner as to cause as little inconvenience as possible to the abutting property owners.
  18. **STORMWATER POLLUTION CONTROL** - The Contractor shall exercise every reasonable precaution to prevent the discharge of any material which is not solely stormwater to the storm drain system. Non-allowable discharges include, but are not limited to, eroded soil from stockpiles or disturbed earth on-site, concrete, and concrete washout water, saw cut slurry, fuel, oil, and other vehicle fluids, solid wastes, and construction chemicals.  

The Contractor will be responsible for the complete cleanup of all material that is discharged from the project(s) in violation of the Discharge Rules. Should the Contractor fail to clean up such discharges promptly and effectively, District may cause the cleanup to be performed by others, the costs to be deducted from any monies due or to become due the Contractor.
  19. **SUBCONTRACTORS** - The Contractor may utilize the services of specialty Subcontractors on those parts of the work that, under normal contracting practices, are performed by a specialty Subcontractor. It is understood that at least 50% of the



work to be performed shall be performed by the Contractor. Any Subcontractor used must adhere to the same terms as the Contractor. The Contractor shall be fully responsible to the District for the performance of their Subcontractor, and of person either directly or indirectly employed by them.

20. **INSURANCE REQUIREMENTS** - The Contractor shall procure and maintain for the duration of the contract, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or sub-Contractors. All sub-Contractors shall be required to comply with the applicable insurance provisions. The maintenance of proper coverage is a material element of the contract and failure to maintain or renew coverage or to provide evidence of renewal may be treated by the District as a material breach of contract.

The Contractor will be required to provide insurance in accordance with the attached Agreement included in Appendix A.

21. **MAINTENANCE OF RECORDS AND ACCOUNTING** - The Contractor shall maintain, during the Project implementation time and for a period of three (3) years after completion of the Project, accurate and organized records of all costs of any type and all services performed for the Project. District will have the right at any time, including during the performance of all Phases of the Project to audit and copy all such records.
22. **RESPONSE REQUIREMENTS** - All Contractors are required to follow the format specified below. The content of the proposal must be clear, concise, and complete. Each section of the proposal shall be presented according to the outline shown below to aid in expedient information retrieval.

**Four (4) copies of the proposal shall be delivered no later than 2:00 P.M. on Tuesday, December 15, 2020 to:**

**Location: Yucaipa Valley Water District  
12770 Second Street  
Yucaipa, California 92399**

Please note that faxed copies will not be accepted. Also note that incomplete proposals, incorrect information, or late submittals may be cause for immediate disqualification. The District reserves the right to amend the Project Information prior to the date that proposals are due. Amendments to the Project Information shall be emailed to all potential Contractors and posted online. The District reserves the right to extend the date by which the proposals are due.

General Response Requirements - Sealed proposals submitted in response to this Project Information shall conform and consist of the information included in Attachment "B".

23. **PUBLIC DISCLOSURE** - All proposals submitted in response to this Project Information become the property of the District and public records, and as such may be subject to public review. Under the California Public Records Act (California Government Code Section 6250 et seq.) records in the custody of a public entity generally have to be disclosed unless the information being sought falls into one or more of the exemptions to disclosure set out in Government Code Sections 6254 through 6255. The cover letter of the proposal should contain a paragraph that states whether or not Contractor believes that its proposal does or does not contain information that falls into one of the exemptions of Government Code Sections 6254

through 6255 and whether or not Contractor considers such information to be confidential.

In the absence of a declaration, District may be obligated to disclose proposal to any party that requests it. Regardless of assertions of confidentiality, proposal contents may still be disclosed if District, or a court with jurisdiction, determines that such proposal is a public record requiring disclosure.

24. PROPOSAL SCHEDULE - The solicitation receipt and evaluation of proposals and the selection of the Contractor will conform to the following schedule (Note: Dates are subject to change):
  - **Bids Due / Bid Opening: Tuesday, December 15, 2020 at 2:00 p.m.**
  - **Approval of Agreement and Authorization to Proceed: December 23, 2020.**
  - **Completion of Project: February 5, 2021.**
25. PROPOSAL SELECTION PROCESS - Award will be based on best value not lowest responsible respondent. Proposals will be considered only in their entirety. The District reserves the right to reject any or all proposals without qualifications, to select a Contractor based on proposals received without interview, and to negotiate specific requirements and costs using the selected proposal as a basis. District reserves the right to discuss and negotiate scope, costs, and schedule as needed. At any time prior to the District executing a Contract with the selected Contractor, if that Contractor cannot meet any of the RFP conditions, the District has the option of selecting another Contractor. The District reserves the right to enter into contracts with multiple Contractors.
26. PROPOSAL EVALUATION CRITERIA - Selection of the Contractor will be based on best ability to respond quickly with appropriate capabilities. Proposals will be evaluated based on best value as determined multiple factors including but not limited to location, staffing, equipment, past experience, reputation, safety rating, and bond rating.
27. CONTRACT TERMS AND CONDITIONS - Issuance of this Project Information does not commit District to award a contract, or to pay any costs incurred in the preparation of a response to this request. District retains the right to reject any or all submittals. Selection is dependent upon the negotiation of a mutually acceptable contract with the successful Contractor. No modifications to the standard contract language will be granted.

Each submittal shall be valid for not less than one hundred and twenty (120) days from the date of receipt.

All insurance shall be provided at the sole cost and expense of the firm selected unless the requirement is modified or waived by the District. District reserves the right to modify the insurance limits or to substitute project insurance during contract negotiations.

The Yucaipa Valley Water District looks forward to receiving a proposal from your company. If you have any questions regarding this information, please contact:

Matt Porras, Implementation Manager  
Phone: (909) 790-3300  
Email: [mporras@yvwd.us](mailto:mporras@yvwd.us)



# **APPENDIX A**

## **Standard Agreement**

**CONTRACT SERVICES AGREEMENT  
FOR  
CONTRACTOR SERVICES RELATED TO THE  
[\_\_\_\_ Insert Name of Project \_\_\_\_]**

THIS CONTRACT SERVICES AGREEMENT ("Agreement") is made this \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between the YUCAIPA VALLEY WATER DISTRICT a special district ("District") and \_\_\_\_\_ ("Contractor").

NOW THEREFORE, the parties hereto agree as follows:

**1.0 SERVICES OF CONTRACTOR**

1.1 Scope of Services. In compliance with all of the terms and conditions of this Agreement, the Contractor shall perform all the work set forth in the Scope of Services attached hereto as Exhibit "A" and incorporated herein by reference. Contractor warrants that all work and services set forth in the Scope of Services will be performed in a competent, professional, and satisfactory manner.

1.2 Compliance with Law. All work and services rendered hereunder shall be provided in accordance with all ordinances, resolutions, statutes, rules, and regulations of the District and any Federal, State, or local governmental agency of competent jurisdiction.

1.3 Licenses, Permits, Fees and Assessments. Contractor shall obtain at its sole cost and expense such licenses, permits and approvals as may be required by law for the performance of the services required by this Agreement.

**2.0 COMPENSATION**

2.1 Contract Sum. Upon completion of all work and services rendered pursuant to this Agreement, the Contractor shall be paid in accordance with the "Schedule of Compensation" attached hereto as Exhibit "B" and incorporated herein by reference, but not to exceed the maximum contract amount of \_\_\_\_\_ (\$\_\_\_\_\_ ) ("Contract Sum").

2.2 Method of Payment. Provided that Contractor is not in default under the terms of the Agreement, the Contractor shall submit progress payments by the 5th of each month for approval by the Board of Directors at the regular meeting, generally held on the third Wednesday of every month. A 10% retention will be held from each progress payment. Upon completion of the work [and acceptance of final field measurements] the Yucaipa Valley Water District will file a Board authorized Notice of Completion. The 10% retention will be released (35) days after the filing of the Notice of Completion.

**3.0 COORDINATION OF WORK**

3.1 Representative of Contractor. [Name and Title] is hereby designated as being the principal representative of the Contractor, authorized to act in its behalf with respect to the work and services specified herein and to make all decisions in connection therewith.

3.2 Contract Officer. Matt Porras, Implementation Manager of the Yucaipa Valley Water District is hereby designated as the representative of the District, authorized to act in its

behalf with respect to the work and services specified herein and make all decisions in connection therewith ("Contract Officer"). The General Manager of the District shall have the right to designate another Contract Officer by providing notice to the Contractor.

3.3 Prohibition Against Subcontracting or Assignment. Contractor shall not contract with any entity to perform in whole or in part the work and services required hereunder without the express written approval of the District. Neither this Agreement nor any interest herein may be assigned or transferred, voluntarily or by operation of law, without the prior written approval of the District. Any such prohibited assignment or transfer shall be void.

3.4 Independent Contractor. Contractor shall perform all work and services required herein as an independent contractor of the District and shall remain under only such obligations as are consistent with that role. Contractor shall not at any time or in any manner represent that it or any of its agents or employees are agents or employees of the District.

#### **4.0 INSURANCE AND INDEMNIFICATION**

4.1 The Contractor shall procure and maintain for the duration of the work and services, insurance against claims for injuries to persons or damage to property which may arise from or in connection with the performance of the work hereunder by the Contractor, its agents, representatives, or employees. The Contractor shall purchase and maintain insurance, in amounts equal to the requirements in the form and manner provided for in the Contract Documents. Nothing contained in these insurance requirements is to be construed as limiting the liability of the Contractor or the Contractor's sureties.

Certificates of commercial general liability, automobile liability, and workers compensation insurance, also pollution liability coverage, if requested by the District, to the satisfaction of the District is required.

4.2 Minimum Limits of Insurance. Contractor shall maintain limits no less than:

(a) Commercial General Liability. \$1,000,000 combined single limit per occurrence for bodily injury, personal injury, and property damage.

(b) Automobile Liability. \$1,000,000 combined single limit per accident for bodily injury and property damage.

(c) Workers' Compensation and Employer's Liability Insurance. Workers' Compensation limits as required by the Labor Code of the State of California and Employer's Liability in the amount of, at least, \$1,000,000 per accident, for bodily injury and disease.

4.3 Deductibles and Self-insured Retention. Any deductibles of self-insured retention must be declared to and approved by the District. At the option of the District either; the insurer shall reduce or eliminate such deductibles or self-insured retention as respects the District, its officers, officials, employees, agents, or volunteers; or the Contractor shall procure a bond guaranteeing payment of losses and related investigations, claims administration and defense expense.

4.4 Other Insurance Provisions. All of the above policies of insurance shall be primary insurance and shall name the District, its officers, officials, employees, agents, or volunteers as additional insured. The insurer shall waive all rights of subrogation and contribution it may have against the District, its officers, officials, employees, agents or volunteers and their respective insurers. All or said policies of insurance shall provide that said insurance may not be amended or canceled without prior written notice by registered mail to the District. In the event any of said policies of insurance are canceled, the Contractor shall prior to the cancellation date, submit new evidence of insurance in conformance with Section 4.1 to the Contract Officer. No work or services under this Agreement shall commence until the Contractor has provided the District with Certificates of Insurance or appropriate insurance binders evidencing the above insurance coverages and said Certificates of Insurance or binders are approved by the District.

The Contractor agrees that the provisions of this section shall not be construed as limiting in any way the extent to which the Contractor may be held responsible for the payment of damages to any persons or property resulting from the Contractor's activities or the activities of any person or persons for which the Contractor is otherwise responsible.

The insurance required by Agreement shall be satisfactory only if issued by companies to do business in California, rated "A" or better in the most recent edition of Best Rating Guide, the Key Rating Guide or in the Federal Register, and only if they are of a financial category Class VII or better, unless such requirements are waived by the District due to unique circumstance.

4.5 Indemnification. Contractor agrees to indemnify the District, its officers, officials, employees, agents or volunteers against, and will hold and save them and each of them harmless from, any and all actions, suits, claims damages to persons or property, losses, costs, penalties, obligations, errors, omissions or liabilities, (herein "claims or liabilities") that may be asserted or claimed by any person, firm or entity arising out of or in connection with the negligent performance of the work or services of the Contractor, its agents, employees, or invitees, provided for herein, or arising from the negligent acts or omissions of the Contractor hereunder, or arising from Contractor's negligent performance of or failure to perform any term, provision covenant or condition of this Agreement, whether or not there is concurrent passive or active negligence on the part of the District, its officers, officials, employees, agents or volunteers but excluding such claims or liabilities arising from the sole negligence or willful misconduct of the District, its officers, officials, employees, agents or volunteers, who are directly responsible to the District, and its connection therewith:

(a) Contractor will defend any action or actions filed in connection with any of said claims or liabilities and will pay all costs and expenses, including legal costs and attorney's fees incurred in connection therewith;

(b) Contractor will promptly pay any judgment rendered against the District, its officers, officials, employees, agents, or volunteers for any such claims or liabilities arising out of or in connection with the negligent performance of or failure to perform such work or services of the Contractor hereunder; and Contractor, agrees to save and hold the District, its officers, officials, employees, agents, or volunteers harmless therefrom:

(c) In the event the District, its officers, officials, employees, agents or volunteers is made a party to any action or proceeding filed or prosecuted against the Contractor for such damages or other claims arising out of or in connection with negligent performance of or failure to perform the work or services of the Contractor hereunder, Contractor agrees to pay to the District, its officers, officials, employees, agents or volunteers, any and all costs and expenses incurred by the District, its officers, officials, employees, agents or volunteers in such action or proceeding, including but not limited to legal costs and attorneys' fees.

## **5.0 TERM OF AGREEMENT**

5.1 Term. This Agreement shall be effective from and after the date it is signed on behalf of the District. The Agreement shall continue in full force and effect until completion of the work and services described hereunder. After final inspection, a Notice of Completion will be duly accepted by the Board of Directors and filed by the Yucaipa Valley Water District.

## **6.0 MISCELLANEOUS**

6.1 Covenant Against Discrimination. Contractor covenants that, by and for itself, its heirs, executors, assigns and all persons claiming under or through them, that there shall be no discrimination against or segregation of, any person or group of persons on account of race, color, creed, religion, sex, marital status, nation origin, or ancestry in the performance of this Agreement. Contractor shall take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, creed, religion, sex, marital status, nation origin, or ancestry.

6.2 Non-liability of District Officers and Employees. No officer or employee of the District shall be personally liable to the Contractor, or any successor in interest, in the event of any default or breach by the District or for any amount which may become due to the Contractor or to its successor, or for breach of any obligation of the terms of this agreement.

6.3 Conflict of Interest. No officer or employee of the District shall have any financial interest, direct or indirect, in this Agreement nor shall any such officer or employee participate in any decision relating to the Agreement which effects his financial interest or the financial interest of any corporation, partnership or association in which he is, directly or indirectly, interested, in violation of any State statute or regulation. The Contractor warrants that it has not paid or given and will not pay or give any third party any money or other consideration for obtaining this Agreement.

6.4 Notice. Any notice, demand, request, document, consent, approval, or communication either party desires or is required to give to the other party or any other person shall be in writing and either served personally or sent by prepaid, first-class mail, in the case of the District, to the General Manager and to the attention of the Contract Officer, Yucaipa Valley Water District, P.O. Box 730, Yucaipa, CA 92399, and in the case of the Contractor, to the person at the address designated on the execution page of this Agreement.

6.5 Interpretation. The terms of this Agreement shall be construed in accordance with the meaning of the language used and shall not be construed for or against either party

by reason of the authorship of this Agreement or any other rule of construction which might otherwise apply.

6.6 Integration: Amendment. It is understood that there are no oral agreements between the parties hereto affecting this Agreement and this Agreement supersedes and cancels any and all previous negotiations, arrangements, and understandings, if any, between the parties, and none shall be sued to interpret this Agreement. This Agreement may be amended at any time by the mutual consent of the parties by an instrument in writing.

6.7 Severability. In the event that part of this Agreement shall be declared invalid or unenforceable by a valid judgment or decree of a court of competent jurisdiction, such invalidity or unenforceability shall not affect any of the remaining portions of this Agreement which are hereby declared as severable and be interpreted to carry out the intent of the parties hereunder unless the invalid provision is so material that its invalidity deprives either party of the basic benefit or their bargain or renders this Agreement meaningless.

6.8 Waiver. No delay or omission in the exercise of any right or remedy by a nondefaulting party on any default shall impair such right or remedy or be construed as a waiver. A party's consent to or approval of any act by the other party requiring the party's consent or approval shall not be deemed to waive or render unnecessary the other party's consent to or approval of any subsequent act. Any waiver by either party of any default must be in writing and shall not be a waiver of any other default concerning the same or any other provision of this Agreement.

6.9 Attorney's Fees. If either party to this Agreement is required to initiate or defend or made a party to any action or proceeding in any way connected with this Agreement, the prevailing party in such action or proceeding, in addition to any other relief which may be granted, whether legal or equitable, shall be entitled to reasonable attorney's fees.

6.10 Corporate Authority. The persons executing this Agreement on behalf of the parties hereto warrant that (i) such party is duly organized and existing, (ii) they are duly authorized to execute and deliver this Agreement on behalf of said party, (iii) by so executing this Agreement, such party is formally bound to the provisions of this Agreement, and (iv) the entering into this Agreement does not violate any provision of any other Agreement to which said party is bound.

IN WITNESS WHEREOF, the parties have executed and entered into this Agreement as of the date first written above.

YUCAIPA VALLEY WATER DISTRICT

By: \_\_\_\_\_

CONTRACTOR

\_\_\_\_\_

By: \_\_\_\_\_

Address:

SCOPE OF SERVICES

Attach Scope of Services



# **APPENDIX B**

## **Bid Proposal**

The undersigned bidder hereby proposes to furnish all labor, materials, equipment, tools, methods, and services necessary to perform all work proposed herein and the undersigned also acknowledges that all bid prices include sales tax and all other applicable taxes and fees, including any amounts payable by the District for taxes which may result from this proposal.

Said bidder fully understands the scope of the work and has carefully checked all words and figures inserted in the Bid and he/she further understands that the Owner will in no way be responsible for any errors or omissions in the preparation of this Bid.

The undersigned is licensed in accordance with the Laws of the State of California:

License: \_\_\_\_\_ Number: \_\_\_\_\_ Class: \_\_\_\_\_

Said bidder further agrees to complete all work required under the contract within the time stipulated in the Contract Completion Schedule set forth below, and to accept in full payment therefore the price as follows:

**Demolition of Structures Located At:**

Storage Structure on 2<sup>nd</sup> Street, Yucaipa (APN 0319-441-05),  
12806 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-38),  
12816 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-39), and  
12834 2<sup>nd</sup> Street, Yucaipa (APN 0319-121-63).

Proposal No. 201110

Total Bid in Figures: \$ \_\_\_\_\_

Total Bid in Words: \_\_\_\_\_  
\_\_\_\_\_

The Contract Work shall be complete by February 5, 2021.

Dated: \_\_\_\_\_  
\_\_\_\_\_ (Bidder - Print Name / Title)

\_\_\_\_\_  
(Signature)

Contractor Name: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Contact Phone: \_\_\_\_\_

Contact Email: \_\_\_\_\_

# **APPENDIX C**

## **Additional Documentation**



# Magnolia Environmental, LLC

**Project:**

Asbestos Survey Report

12806 2<sup>nd</sup> St.

Yucaipa, CA 92399

Project Number: 2300

**Local Office:**

Magnolia Environmental, LLC

885 Mango St.

Brea, CA 92821

Office: 562-922-3144

**Client:**

Yucaipa Valley Water District

**Date Report Issued:**

October 13, 2020



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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## Appendices

Appendix A.....	Asbestos Laboratory Analytical Results, Chain of Custody
Appendix B.....	Site Photographs
Appendix C.....	Site Map/Sketch
Appendix D.....	Accreditations and Certification



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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## INTRODUCTION

The client referenced above retained Magnolia Environmental to perform an asbestos-containing material (ACM) survey to investigate the subject property prior to demolition. The survey included the sampling of suspect asbestos containing materials, and a visual assessment of the interior spaces at the subject property. Cal- OSHA Certified Asbestos Consultant (CAC) No. 17- 5929, performed the on-site survey on October 8, 2020.

Magnolia Environmental report is for the exclusive use of our client referenced above and applies only to the structures referenced above or portion thereof. No one other than our client or those contracted by our client may utilize, reference, or otherwise rely on this report without prior written consent from Magnolia Environmental.

## PURPOSE AND SCOPE

The purpose of this investigation is to perform a hazardous asbestos materials survey in order to aid our client referenced above in investigating the subject property prior to demolition. Magnolia Environmental scope of work included:

- A visual reconnaissance of the impacted area on property to evaluate the possible presence of ACM.
- Collection of bulk samples of suspect ACM and submittal of samples to a NVLAP accredited laboratory for analysis.
- Assessment of the condition of potential ACM.
- Preparation of this report, which presents our data and summarizes the assessed materials.



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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## METHODS

### A. ASBESTOS

Suspect asbestos materials are sampled and later identified using the Polarized Light Microscopy (PLM) method in accordance with the EPA Interim method of the Determination of Asbestos in Bulk Samples (EPA/600/ R-93/116, July 1993). Sampling was performed in accordance with 40 CFR 763.86. Homogeneous areas were based on the total functional space. Number of samples per homogeneous area was taken as recommended under said section "Sampling Procedures".

The PLM Method is the most commonly used method to analyze building materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and the percentage of asbestos in each sample. The detection limit of the PLM method for asbestos identification is about one (1) percent asbestos. Because the State of California recognizes asbestos-containing building material (ACBM) as any material, which contains greater than or equal to one tenth of one percent (.1) asbestos, materials containing "trace" amounts of asbestos are reported as ACBM in the State of California.

Documentation of the laboratory results should be retained as a reference for general building safety and maintenance, and for any future renovation/ demolition activities.

#### INSPECTION PROCEDURE (763.85)

Areas Inspected: The inspector performed a preliminary walk-through to designate the functional spaces. She also noted which areas had homogeneous materials.

The inspector then visually inspected each accessible room being impacted during the demolition. The inspector touched suspect materials to determine if they were friable. For each suspect material, the inspector noted its condition and the potential for disturbance.

Quantities: Suspect asbestos-containing materials identified at the site were quantified. For general functional space measurements were used. Such measurements provide "approximate square or linear footage" (763.93 (d)(2)(ii)). Suspect Asbestos-Containing Materials: were sampled for laboratory analysis or were visually identified as ACM. Magnolia Environmental collected a total of Thirty Three (33) bulk samples of suspect ACM. The samples were transferred following proper chain of custody protocol to Ecologics Laboratories, located at 1012 Segovia Circle Placentia, CA 92870, for analysis. Ecologics Laboratories is an accredited laboratory for bulk asbestos analysis under the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (Certification Number 600190-0).





Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: October 8, 2020  
 Project Number: 2300

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**RESULT**

**A. ASBESTOS**

Thirty Three (33) bulk samples were taken using polarized light microscopy (PLM). The following table summarizes the results of the sample analysis and of the visual assessment. A complete list of sample results can be found in the laboratory sheets at the end of this report.

**TABLE I: ACM RESULTS**

MTL #	Material Description	Sample Location	F/NF <sup>1</sup>	Cond. <sup>2</sup>	%ACM <sup>3</sup>	# Samples	Est. Quantity
01	Plaster	Plaster sampled from the living room	NF	G	0%	3	216 SF
02	Gypsum Board	Gypsum board sampled from the kitchen, side room, and laundry room	NF	G	0%	3	175 SF
03	Joint Compound	In-between gypsum boards sampled from the kitchen, bedroom, and laundry room	NF	G	0%	3	75 SF
04	Green 12x12 Floor Tile	Green 12x12 floor tile sampled from the kitchen and laundry room	NF	G	0%	3	210 SF
05	Sheet Flooring	Sheet flooring sampled from the kitchen	NF	G	25%	3	113 SF
06	Brown 9x9 Floor Tile	Brown 9x9 floor tile sampled from the kitchen and living room	NF	G	5%	3	340 SF
07	Beige Sheet Flooring	Beige sheet flooring sampled from the bathroom	NF	G	0%	3	20 SF
08	Roof Shingles	Roof shingles sampled from the roof of the property	NF	G	0%	3	657 SF
09	Rolled Roofing	Rolled roofing sampled from the attached shed at the property	NF	G	0%	3	25 SF



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: October 8, 2020  
 Project Number: 2300

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MTL #	Material Description	Sample Location	F/NF <sup>1</sup>	Cond. <sup>2</sup>	%ACM <sup>3</sup>	# Samples	Est. Quantity
10	Roofing Penetration Mastic	Roofing penetration mastic sampled from the roof around the ducts	NF	G	5%	3	5 SF
11	Window Putty	Window putty sampled from the exterior windows	NF	G	0%	3	5 SF

<sup>1</sup>-F=Friable; NF= Non-Friable

<sup>2</sup>-Cond = condition of Materials. Either good (G), damaged (D), or significantly damaged (SD)

<sup>3</sup> - <1% = Calif. Code of Regulation, Title 8, Section 1529. "asbestos-containing construction" material means any manufactured construction material which contains more than one-tenth of 1 percent asbestos by weight. This material will be abated as asbestos containing material; however, it may be disposed of as construction debris.

\*See the laboratory report and chain custodies for the complete list materials tested and the sampling locations.

\*\*Should the demolition/renovation process reveal any additional suspect asbestos-containing materials; work must stop until the suspect materials are tested for asbestos content.



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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## CONCLUSION / RECOMMENDATIONS

### A. ASBESTOS

According to bulk sampling and visual inspection of impacted areas, asbestos-containing materials were present in the following materials sampled:

- Sheet flooring
- Brown 9x9 floor tile
- Roofing penetration mastic

**Abatement by a licensed abatement contractor is recommended prior to disturbance of asbestos-containing materials.**

It is always necessary to comply with the pertinent provisions of EPA, OSHA and AQMD regulations during any removal or repair activities that may disturb the asbestos-containing materials that may have been inaccessible and or untested during the survey. Not all areas of the home were tested, only impacted areas. Caution should be taken when inaccessible and untested areas are disturbed.

The Environmental protection Agency (EPA) and California OSHA (Cal/OSHA) define materials which contain more than one percent asbestos to be asbestos containing materials (ACM). In addition, Cal/OSHA defines any manufactured construction material more than 0.1% asbestos as asbestos-containing construction materials (ACCMs). Cal/OSHA also requires notification and registration of the contractor when disturbing materials with more than one-tenth of one percent asbestos and regulates worker protection whenever materials containing any detectable levels of asbestos are disturbed.



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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## LIMITATIONS

Magnolia Environmental prepared this asbestos survey for the client referenced above. No warranties expressed or implied, are made by Magnolia Environmental or its employees as to the use of any information, apparatus, product or process disclosed in this report. Though reasonable efforts have been made to assure correctness, if a Contractor is employed, he should bring any discrepancies to the immediate attention of Magnolia Environmental.

We have employed state-of-the-art practices to perform this analysis of risk and identification, but this evaluation is severely limited in scope to areas accessible to a visual inspection or through reasonable means of the areas evaluated. No demolition or product review was performed in attempts to reveal material compositions. Our services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles and practices and are designed to provide an analytical tool to assist the client. Magnolia Environmental or those representing Magnolia Environmental bear no responsibility for the actual condition of the structure or safety of a site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the client.

Magnolia Environmental appreciated having the opportunity to inspect your property. If you have any questions regarding this survey or other environmental hazards, please don't hesitate to contact us at (562) 922-3144 or at [Office@Magnoliaenvironmental.com](mailto:Office@Magnoliaenvironmental.com).



Andrea Pulsipher  
Project Consultant  
CAC No. 17-5929



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

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**APPENDIX A**

**ASBESTOS LABORATORY ANALYTICAL RESULTS  
AND CHAIN OF CUSTODY**





**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental  
Address : 885 Mango St. Brea, CA 92821  
Project # : 2300  
Project Location : 12806 2nd St Yucaipa, CA 92399

Date Collected: 10/08/2020      LAB Job #: 20100816  
Date Received: 10/08/2020      Project Name: N/A  
Date Analysis : 10/12/2020      No of Samples: 33  
Date Reported: 10/12/2020      Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
P-1	20100816.01.A	20100816.01	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Plaster w/ Skim Coat,Granular,Cementitious,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 5% Cellulose,95%Non-Fibrous Material				
P-2	20100816.02.A	20100816.02	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Plaster w/ Skim Coat,Granular,Cementitious,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 5% Cellulose,95%Non-Fibrous Material				
P-3	20100816.03.A	20100816.03	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Plaster w/ Skim Coat,Granular,Cementitious,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 5% Cellulose,95%Non-Fibrous Material				
GB-1	20100816.04.A	20100816.04	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Drywall,Firm,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
GB-2	20100816.05.A	20100816.05	No	None Detected
<b>Location</b> : Side Room				
<b>Analyst Description / Color</b> : Drywall,Firm,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				

Daniel Wood – Analyst

Paola Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples & EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent. Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory.  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
GB-3	20100816.06.A	20100816.06	No	None Detected
<b>Location</b> : Laundry				
<b>Analyst Description / Color</b> : Drywall,Firm,Non-Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
JC-1	20100816.07.A	20100816.07	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
JC-2	20100816.08.A	20100816.08	No	None Detected
<b>Location</b> : Bedroom				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
JC-3	20100816.09.A	20100816.09	No	None Detected
<b>Location</b> : Laundry				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
F-1	20100816.10.A	20100816.10	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Gray,Green				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,65%Non-Fibrous Material,35%Binders / CaCO				

Daniel Wood – Analyst

Paola Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples & EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory.

Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.





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1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F-1	20100816.10.B	20100816.10	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Adhesive,Firm,Homogenous/Tan				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,55%Non-Fibrous Material,45%Adhesive				
F-2	20100816.11.A	20100816.11	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Gray,Green				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,55%Non-Fibrous Material,45%Binders / CaCO				
F-2	20100816.11.B	20100816.11	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Adhesive,Firm,Homogenous/Tan				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,55%Non-Fibrous Material,45%Adhesive				
F-3	20100816.12.A	20100816.12	No	None Detected
<b>Location</b> : Laundry				
<b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Gray,Green				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,55%Non-Fibrous Material,45%Binders / CaCO				
F-3	20100816.12.B	20100816.12	No	None Detected
<b>Location</b> : Laundry				
<b>Analyst Description / Color</b> : Adhesive,Firm,Homogenous/Tan				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,55%Non-Fibrous Material,45%Adhesive				

Daniel Wood – Analyst

Paola Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples & EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials. Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory.

Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F2-1	20100816.13.A	20100816.13	Yes	25% Chrysotile
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige <b>Asbestos % Type</b> : <b>Chrysotile</b> <b>Other Material Type</b> : 15% Cellulose,60%Non-Fibrous Material				
F2-2	20100816.14.A	20100816.14		
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige <b>Asbestos % Type</b> : <b>Chrysotile</b> <b>Other Material Type</b> : 15% Cellulose,60%Non-Fibrous Material				
F2-2	20100816.14.B	20100816.14	No	None Detected
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Adhesive,Firm,Homogenous/Tan <b>Asbestos % Type</b> : <b>NON</b> <b>Other Material Type</b> : ,100%Non-Fibrous Material				
F2-3	20100816.15.A	20100816.15	Yes	25% Chrysotile
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige <b>Asbestos % Type</b> : <b>Chrysotile</b> <b>Other Material Type</b> : 15% Cellulose,60%Non-Fibrous Material				
F3-1	20100816.16.A	20100816.16	Yes	5% Chrysotile
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Brown <b>Asbestos % Type</b> : <b>Chrysotile</b> <b>Other Material Type</b> : ,95%Non-Fibrous Material				

Daniel Wood – Analyst

Paola Ducoing – Approved By

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Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F3-1	20100816.16.B	20100816.16	No	None Detected
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Mastic,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,85%Non-Fibrous Material,15%Asphaltic Matrix				
F3-2	20100816.17.A	20100816.17	Yes	5% Chrysotile
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Brown				
<b>Other Material Type</b> : ,95%Non-Fibrous Material				
F3-3	20100816.18.A	20100816.18	Yes	5% Chrysotile
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Linoleum,Firm,Homogenous/Brown				
<b>Other Material Type</b> : ,95%Non-Fibrous Material				
F4-1	20100816.19.A	20100816.19	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Vinyl,Firm,Homogenous/Tan				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
F4-1	20100816.19.B	20100816.19	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Mastic,Firm,Homogenous/Black				
<b>Other Material Type</b> : ,75%Non-Fibrous Material,25%Asphaltic Matrix				

Daniel Wood – Analyst

Paola Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F4-2	20100816.20.A	20100816.20	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Vinyl,Firm,Homogenous/Tan				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
F4-2	20100816.20.B	20100816.20	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Mastic,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
F4-3	20100816.21.A	20100816.21	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Vinyl,Firm,Homogenous/Tan				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
F4-3	20100816.21.B	20100816.21	No	None Detected
<b>Location</b> : Bathroom				
<b>Analyst Description / Color</b> : Mastic,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
R-1	20100816.22.A	20100816.22	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				

Daniel Wood – Analyst

Paola Ducoing – Approved By

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Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



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Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
R-2	20100816.23.A	20100816.23	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				
R-3	20100816.24.A	20100816.24	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				
R2-1	20100816.25.A	20100816.25	No	None Detected
<b>Location</b> : Attached Shed <b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black,White <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 45% Fiberglass,55%Non-Fibrous Material				
R2-2	20100816.26.A	20100816.26	No	None Detected
<b>Location</b> : Attached Shed <b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black,White <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 45% Fiberglass,55%Non-Fibrous Material				
R2-3	20100816.27.A	20100816.27	No	None Detected
<b>Location</b> : Attached Shed <b>Analyst Description / Color</b> : Shingle ,Fibrous,Firm,Homogenous/Black,White <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 45% Fiberglass,55%Non-Fibrous Material				

Daniel Wood – Analyst

Paola Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project #: 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
RPM-1	20100816.28.A	20100816.28	Yes	5% Chrysotile
<b>Location</b> : Roof Around Ducts				
<b>Analyst Description / Color</b> : Mastic,Soft,Homogenous/Black				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : ,50%Non-Fibrous Material,45%Asphaltic Matrix				
RPM-2	20100816.29.A	20100816.29	Yes	5% Chrysotile
<b>Location</b> : Roof Around Ducts				
<b>Analyst Description / Color</b> : Mastic,Soft,Homogenous/Black				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : ,50%Non-Fibrous Material,45%Asphaltic Matrix				
RPM-3	20100816.30.A	20100816.30	Yes	5% Chrysotile
<b>Location</b> : Roof Around Ducts				
<b>Analyst Description / Color</b> : Mastic,Soft,Homogenous/Black				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : ,50%Non-Fibrous Material,45%Asphaltic Matrix				
WP-1	20100816.31.A	20100816.31	No	None Detected
<b>Location</b> : Exterior Windows				
<b>Analyst Description / Color</b> : Window Putty,Soft,Homogenous/White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				
WP-2	20100816.32.A	20100816.32	No	None Detected
<b>Location</b> : Exterior Windows				
<b>Analyst Description / Color</b> : Window Putty,Soft,Homogenous/White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : ,100%Non-Fibrous Material				

Daniel Wood – Analyst

Paola Ducoing – Approved By

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 NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 10/08/2020	LAB Job #: 20100816
Address : 885 Mango St. Brea, CA 92821	Date Received: 10/08/2020	Project Name: N/A
Project # : 2300	Date Analysis : 10/12/2020	No of Samples: 33
Project Location : 12806 2nd St Yucaipa, CA 92399	Date Reported: 10/12/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
WP-3	20100816.33.A	20100816.33	No	None Detected
<b>Location</b>	: Exterior Windows			
<b>Analyst Description / Color</b>	: Window Putty,Soft,Homogenous/White			
<b>Asbestos % Type</b>	: NON			
<b>Other Material Type</b>	: ,100%Non-Fibrous Material			

Daniel Wood – Analyst

Paola Ducoing – Approved By

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20100816



**CHAIN OF CUSTODY**  
1012 Segovia Circle, Placentia, CA 92870  
Ph. (714) 632 8100 Fx. (714) 632 8111

Job ID: 20100816



CONTACT INFORMATION *	PROJECT INFORMATION *
Company: Magnolia Environmental, LLC	Project #: 2300
Address: 885 Mango St. Brea, CA	Project name:
Phone: 562-922-3144	Project location: 12806 2nd St.
Contact: Andrea Pulsipher	Yucaipa, CA 92399
Email results to: Maglabresults@gmail.com	Date sampled: 10/8/20
	Sampled by: A. Pulsipher

ASBESTOS	MICROBIOLOGY
<input checked="" type="checkbox"/> PLM Bulk Analysis (EPA 600/R-93/116)	<input type="checkbox"/> Fungi: Non Viable Mold (ST)
<input type="checkbox"/> PLM 1,000 Point Count (<0.1%)	<input type="checkbox"/> Fungi: Non Viable Mold (TL, B, Sw)
<input type="checkbox"/> PLM 400 Point Count (<0.25%)	<input type="checkbox"/> Fungi: Quantitative Spore Count Direct Exam (TL, B, Sw)
<input type="checkbox"/> Gravimetric Point Count (<0.1%)	<input type="checkbox"/> Bacteria: Total Coliform, E. coli (P/A)
<input type="checkbox"/> PCM Airborne Fiber Count (NIOSH 7400)	<input type="checkbox"/> Bacteria: Total Coliform, E. coli, Enterococcus (P/A)
<input type="checkbox"/> PCM Airborne Fiber Count with TWA	<input type="checkbox"/> Carbon Black & Material Science Analysis
<input type="checkbox"/> Other:	

Turnaround time (TAT) \*:  3-4 Hrs  6-8 Hrs  24 Hrs  48 Hrs  72 Hrs  Other:

Additional information/ Special instructions:  
 Stop at 1st positive on samples great 1%, EXCEPT for:  
 Composite 1 wall system sample if found to be great than or equal 1%.  
 Other:

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOG/PCM					
			COND.	QTY SF/LF	FRIABLE Y/N	TIME	STAR	STOP	STAR	STOP	TOTAL
P-1	Living room	Plaster	G	216	N						
P-2	↓	↓	↓	↓	↓						
P-3	↓	↓	↓	↓	↓						
GB-1	Kitchen	Gypsum Board	G	175	N						
GB-2	Side Room	↓	↓	↓	↓						
GB-3	Laundry	↓	↓	↓	↓						
Jc-1	Kitchen	Joint compound	G	75	N						
Jc-2	Bedroom	↓	↓	↓	↓						
Jc-3	Laundry	↓	↓	↓	↓						

Weather	Fog	Rain	Snow	Wind	Clear	TIME	DATE	RELINQUISHED BY *	RECEIVED BY
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	4:03	10/8/20	A. Pulsipher	
						4:03	10/8/20		

\* Necessary information for processing.  
 ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,  
 COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.



20100816



**CHAIN OF CUSTODY**  
 1012 Segovia Circle, Placentia, CA 92870  
 Ph. (714) 632 8100 Fx. (714) 632 8111

Job ID: 20100816



Company: Magnolia Environmental Project #: 2300

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR STOP		FLOW STAR STOP		TOTAL
F-1	Kitchen	Green 12x12 Tile	G	210	N					
F-2	↓	↓	↓	↓	↓					
F-3	Laundry	↓	↓	↓	↓					
F2-1	Kitchen	Sheet Flooring	G	113	N					
F2-2	↓	↓	↓	↓	↓					
F2-3	↓	↓	↓	↓	↓					
F3-1	Kitchen	Brown 9x9 Tile	G	340	N					
F3-2	Living Room	↓	↓	↓	↓					
F3-3	↓	↓	↓	↓	↓					
F4-1	Bathroom	Best Sheet Flooring	G	20	N					
F4-2	↓	↓	↓	↓	↓					
F4-3	↓	↓	↓	↓	↓					
R-1	Roof	Roof Shingles	G	657	N					
R-2	↓	↓	↓	↓	↓					
R-3	↓	↓	↓	↓	↓					
R2-1	Attached Shed	Rollup Roofing	G	25	N					
R2-2	↓	↓	↓	↓	↓					
R2-3	↓	↓	↓	↓	↓					

\* Necessary information for processing.

ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,  
 COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.

20100816



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1012 Segovia Circle, Placentia, CA 92870  
Ph. (714) 632 8100 Fx. (714) 632 8111

Job ID:20100816



Magnolia Environmental

Company: Magnolia Environmental Project #: 2300

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				TOTAL
			COND	QTY	FRIABLE	TIME		FLOW		
				SF/LF	Y/N	STAR	STOP	STAR	STOP	
RPM-1	Roofs around ducts	Roofs penetration material	G	5	N					
RPM-2	↓	↓	↓	↓	↓					
RPM-3	↓	↓	↓	↓	↓					
WP-1	Entire of windows	Window PUTTY	G	5	N					
WP-2	↓	↓	↓	↓	↓					
WP-3	↓	↓	↓	↓	↓					

\* Necessary information for processing.  
ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,  
COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.

Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

Page 22 of 27

## **APPENDIX B**

### **SITE PHOTOGRAPHS**





Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

Page 23 of 27



Picture 1: Scope of kitchen flooring



Picture 2: Asbestos-containing sheet flooring



Picture 3: Asbestos-containing brown 9x9 floor tile



Picture 3: Asbestos-containing roofing penetration mastic around the ducts



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

Page 24 of 27

## **APPENDIX C**

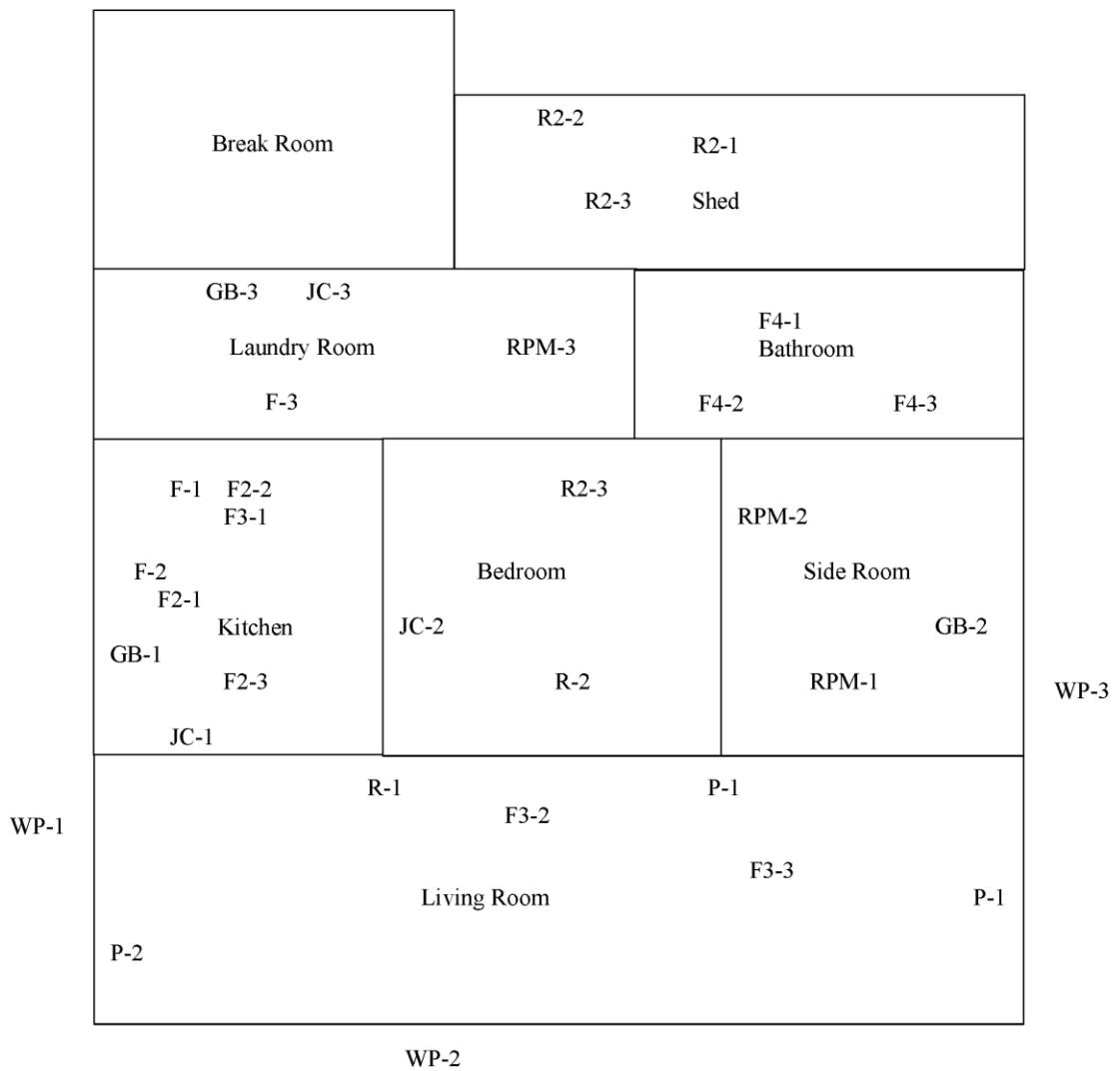
### **SITE MAPS/SKETCH**



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: October 8, 2020  
 Project Number: 2300

Page 25 of 27

Sketch not to scale.  
 Sample ID indicates location of sampling.



Property Address: 12806 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: October 8, 2020  
Project Number: 2300

Page 26 of 27

## **APPENDIX D**

### **ACCREDITATION AND CERTIFICATION**





# Magnolia Environmental, LLC

**Project:**

Limited Asbestos Survey Report

12816 2nd St.

Yucaipa, CA 92399

Project Number: 1481

**Local Office:**

Magnolia Environmental, LLC

885 Mango St.

Brea, CA 92821

Office: 562-922-3144

**Client:**

Yucaipa Valley Water District

**Date Report Issued:**

December 26, 2019



Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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Property Address: 12816 2nd St. Yucaipa, CA 92399  
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## INTRODUCTION

The client referenced above retained Magnolia Environmental to perform an asbestos-containing material (ACM) to investigate the property referenced above prior a demolition of the subject property. The survey included the sampling of suspect asbestos containing materials, and a visual assessment of the interior spaces at the subject property. Cal- OSHA Certified Asbestos Consultant (CAC) No. 17-5929, performed the on-site survey on December 18, 2019

Magnolia Environmental report is for the exclusive use of our client referenced above and applies only to the structures referenced above or portion thereof. No one other than our client or those contracted by our client may utilize, reference, or otherwise rely on this report without prior written consent from Magnolia Environmental.

## PURPOSE AND SCOPE

The purpose of this investigation is to perform a hazardous asbestos materials survey in order to aid our client referenced above in investigating the subject property prior to demolition. Magnolia Environmental scope of work included:

- A visual reconnaissance of the impacted area on property to evaluate the possible presence of ACM.
- Collection of bulk samples of suspect ACM and submittal of samples to a NVLAP accredited laboratory for analysis.
- Assessment of the condition of potential ACM.
- Preparation of this report, which presents our data and summarizes the assessed materials.



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## METHODS

### A. ASBESTOS

Suspect asbestos materials are sampled and later identified using the Polarized Light Microscopy (PLM) method in accordance with the EPA Interim method of the Determination of Asbestos in Bulk Samples (EPA/600/ R-93/116, July 1993). Sampling was performed in accordance with 40 CFR 763.86. Homogeneous areas were based on the total functional space. Number of samples per homogeneous area was taken as recommended under said section "Sampling Procedures".

The PLM Method is the most commonly used method to analyze building materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and the percentage of asbestos in each sample. The detection limit of the PLM method for asbestos identification is about one (1) percent asbestos. Because the State of California recognizes asbestos-containing building material (ACBM) as any material, which contains greater than or equal to one tenth of one percent (.1) asbestos, materials containing "trace" amounts of asbestos are reported as ACBM in the State of California.

Documentation of the laboratory results should be retained as a reference for general building safety and maintenance, and for any future renovation/ demolition activities.

#### INSPECTION PROCEDURE (763.85)

Areas Inspected: The inspector performed a preliminary walk-through to designate the functional spaces. She also noted which areas had homogeneous materials.

The inspector then visually inspected each accessible room being impacted prior to demolition. The inspector touched suspect materials to determine if they were friable. For each suspect material, the inspector noted its condition and the potential for disturbance.

Quantities: Suspect asbestos-containing materials identified at the site were quantified. For general functional space measurements were used. Such measurements provide "approximate square or linear footage" (763.93 (d)(2)(ii)). Suspect Asbestos-Containing Materials: were sampled for laboratory analysis or were visually identified as ACM. Magnolia Environmental collected a total of Fifteen (15) bulk samples of suspect ACM. The samples were transferred following proper chain of custody protocol to Ecologics Laboratories, located at 1012 Segovia Circle Placentia, CA 92870, for analysis. Ecologics Laboratories is an accredited laboratory for bulk asbestos analysis under the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (Certification Number 600190-0).



Property Address: 12816 2nd St. Yucaipa, CA 92399  
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**RESULT**

**A. ASBESTOS**

Fifteen (15) bulk samples were taken using polarized light microscopy (PLM). The following table summarizes the results of the sample analysis and of the visual assessment. A complete list of sample results can be found in the laboratory sheets at the end of this report.

**TABLE I: ACM RESULTS**

MTL #	Material Description	Sample Location	F/NF <sup>1</sup>	Cond. <sup>2</sup>	%ACM <sup>3</sup>	# Samples	Est. Quantity
01	Wall System	Wall system throughout the living room, kitchen and bedroom 3	NF	G	0%	3	1,200 SF
02	Joint Compound	In-between wall systems throughout the kitchen, bath 2 and bedroom 3	NF	G	0%	3	30 SF
03	Black Flooring	Flooring throughout closet	NF	G	0%	3	14 SF
04	Roofing	Roof of property	NF	G	0%	3	2,000 SF
05	HVAC Duct Wrap	Around HVAC ducts in attic	NF	G	15%	3	145 SF
06	6" Transite Pipe	Pipe running through home	NF	G	Assumed	0	25 SF

<sup>1</sup>-F=Friable; NF= Non-Friable

<sup>2</sup>-Cond = condition of Materials. Either good (G), damaged (D), or significantly damaged (SD)

<sup>3</sup>- <1% = Calif. Code of Regulation, Title 8, Section 1529. "asbestos-containing construction" material means any manufactured construction material which contains more than one-tenth of 1 percent asbestos by weight. This material will be abated as asbestos containing material; however, it may be disposed of as construction debris.

\*See the laboratory report and chain custodies for the complete list materials tested and the sampling locations.

\*\* Should the demolition/renovation process reveal any additional suspect asbestos-containing materials; work must stop until the suspect materials are tested for asbestos content.



Property Address: 12816 2nd St. Yucaipa, CA 92399  
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## RECOMMENDATIONS

### A. ASBESTOS

The Environmental protection Agency (EPA) and California OSHA (Cal/OSHA) define materials which contain more than one percent asbestos to be asbestos containing materials (ACM). In addition, Cal/OSHA defines any manufactured construction material more than 0.1% asbestos as asbestos- containing construction materials (ACCMs). Cal/OSHA also requires notification and registration of the contractor when disturbing materials with more than one-tenth of one percent asbestos and regulates worker protection whenever materials containing any detectable levels of asbestos are disturbed. According to bulk sampling and visual inspection of impacted areas, asbestos-containing materials were present in the following materials sampled:

- HVAC duct wrapping in the attic
- Assumed ACM 6" Transite Pipe running through home

Abatement by a licensed abatement contractor is required prior to disturbance of asbestos-containing materials. It is always necessary to comply with the pertinent provisions of EPA, OSHA and AQMD regulations during any removal or repair activities that may disturb the asbestos- containing materials that may have been inaccessible and or untested during the survey. Not all areas of the home were tested, only impacted areas. Caution should be taken when inaccessible and untested areas are disturbed.



Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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## LIMITATIONS

Magnolia Environmental prepared this asbestos survey for the client referenced above. No warranties expressed or implied, are made by Magnolia Environmental or its employees as to the use of any information, apparatus, product or process disclosed in this report. Though reasonable efforts have been made to assure correctness, if a Contractor is employed, he should bring any discrepancies to the immediate attention of Magnolia Environmental.

We have employed state-of-the-art practices to perform this analysis of risk and identification, but this evaluation is severely limited in scope to areas accessible to a visual inspection or through reasonable means of the areas evaluated. No demolition or product review was performed in attempts to reveal material compositions. Our services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles and practices and are designed to provide an analytical tool to assist the client. Magnolia Environmental or those representing Magnolia Environmental bear no responsibility for the actual condition of the structure or safety of a site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the client.

Magnolia Environmental appreciated having the opportunity to inspect your property. If you have any questions regarding this survey or other environmental hazards, please don't hesitate to contact us at (562) 922-3144 or at [Office@Magnoliaenvironmental.com](mailto:Office@Magnoliaenvironmental.com).



Andrea Pulsipher  
Project Consultant  
CAC No. 17-5929



Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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**APPENDIX A**

**ASBESTOS LABORATORY ANALYTICAL RESULTS  
AND CHAIN OF CUSTODY**





**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client :Magnolia Environmental  
Address:885 Mango St. Brea, CA 92821  
Project #:1481  
Project Location :12816 2nd St Yucaipa

Date Collected:12/18/2019 LAB Job # :19121904  
Date Received:12/19/2019 Project Name:N/A  
Date Analysis :12/21/2019 No of Samples:15  
Date Reported:12/21/2019 Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
WS-1	19121904.01.A	19121904.01	No	None Detected
Location : Living Room				
Analyst Description / Color : Drywall,Firm,Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose,85%Non-Fibrous Material				
WS-2	19121904.02.A	19121904.02	No	None Detected
Location : Kitchen				
Analyst Description / Color : Drywall,Firm,Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 10% Cellulose,90%Non-Fibrous Material				
WS-3	19121904.03.A	19121904.03	No	None Detected
Location : Bedroom 3				
Analyst Description / Color : Drywall,Firm,Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 10% Cellulose,90%Non-Fibrous Material				
JC-1	19121904.04.A	19121904.04	No	None Detected
Location : Kitchen				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : ,90%Non-Fibrous Material,10%CaCo				

Jhair Gonzalez – Analyst

Armando Ducoing – Approved By

The analyses of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of threemonths unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Analyst of Optical Microscopy  
Page 1 of 5  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.





**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client :Magnolia Environmental  
Address:885 Mango St. Brea, CA 92821  
Project #:1481  
Project Location :12816 2nd St Yucaipa

Date Collected: 12/18/2019 LAB Job # : 19121904  
Date Received: 12/19/2019 Project Name:N/A  
Date Analysis : 12/21/2019 No of Samples: 15  
Date Reported: 12/21/2019 Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
JC-2	19121904.05.A	19121904.05	No	None Detected
Location : Bath 2				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : ,85%Non-Fibrous Material,15%CaCo				
JC-3	19121904.06.A	19121904.06	No	None Detected
Location : Bedroom 3				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : ,85%Non-Fibrous Material,15%CaCo				
F-1	19121904.07.A	19121904.07	No	None Detected
Location : Closet.				
Analyst Description / Color : Flooring,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose,70%Non-Fibrous Material,25%Binders				
F-1	19121904.07.B	19121904.07	No	None Detected
Location : Closet.				
Analyst Description / Color : Mastic,Firm,Homogenous/Brown				
Asbestos % Type : NON				
Other Material Type : ,55%Non-Fibrous Material,45%Adhesive				

Jhair Gonzalez – Analyst

Armando Ducoing – Approved By

The analyses of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix F; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of threemonths unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Analyst of Optical Microscopy  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0. Page 2 of 5



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client :Magnolia Environmental  
Address:885 Mango St. Brea, CA 92821  
Project #:1481  
Project Location :12816 2nd St Yucaipa

Date Collected: 12/18/2019 LAB Job # : 19121904  
Date Received: 12/19/2019 Project Name:N/A  
Date Analysis : 12/21/2019 No of Samples: 15  
Date Reported: 12/21/2019 Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F-2	19121904.08.A	19121904.08	No	None Detected
Location : Closet.				
Analyst Description / Color : Flooring,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose,60%Non-Fibrous Material,35%Binders				
F-2	19121904.08.B	19121904.08	No	None Detected
Location : Closet.				
Analyst Description / Color : Mastic,Firm,Homogenous/Brown				
Asbestos % Type : NON				
Other Material Type : ,60%Non-Fibrous Material,40%Adhesive				
F-3	19121904.09.A	19121904.09	No	None Detected
Location : Closet.				
Analyst Description / Color : Flooring,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose,60%Non-Fibrous Material,35%Binders				
F-3	19121904.09.B	19121904.09	No	None Detected
Location : Closet.				
Analyst Description / Color : Mastic,Firm,Homogenous/Brown				
Asbestos % Type : NON				
Other Material Type : ,60%Non-Fibrous Material,40%Adhesive				

Jhair Gonzalez – Analyst

Armando Ducoing – Approved By

The analyses of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of threemonths unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Analyst of Optical Microscopy  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0. Page 3 of 5



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client :Magnolia Environmental  
Address:885 Mango St. Brea, CA 92821  
Project #:1481  
Project Location :12816 2nd St Yucaipa

Date Collected: 12/18/2019 LAB Job # : 19121904  
Date Received: 12/19/2019 Project Name:N/A  
Date Analysis : 12/21/2019 No of Samples: 15  
Date Reported: 12/21/2019 Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
R-1	19121904.10.A	19121904.10	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roof Material,Fibrous,Granular,Non-Homogenous/Black <b>Asbestos % Type</b> : <b>NON</b> <b>Other Material Type</b> : 30% Fiberglass,60%Non-Fibrous Material,10%Asphaltic Matrix				
R-2	19121904.11.A	19121904.11	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roof Material,Fibrous,Granular,Non-Homogenous/Black <b>Asbestos % Type</b> : <b>NON</b> <b>Other Material Type</b> : 35% Fiberglass,55%Non-Fibrous Material,10%Asphaltic Matrix				
R-3	19121904.12.A	19121904.12	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roof Material,Fibrous,Granular,Non-Homogenous/Black <b>Asbestos % Type</b> : <b>NON</b> <b>Other Material Type</b> : 35% Fiberglass,55%Non-Fibrous Material,10%Asphaltic Matrix				
DI-1	19121904.13.A	19121904.13	Yes	15% Chrysotile
<b>Location</b> : Attic <b>Analyst Description / Color</b> : HVAC Duct,Fibrous,Non-Homogenous/Gray,Silver <b>Asbestos % Type</b> : <b>Chrysotile</b> <b>Other Material Type</b> : 20% Cellulose,65%Non-Fibrous Material				

Jhair Gonzalez – Analyst

Armando Ducoing – Approved By

The analyses of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of threemonths unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Analyst of Optical Microscopy  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0. Page 4 of 5



**Ecologics Laboratories**  
 1012 Segovia Circle, Placentia, CA 92870  
 Phone (714)632-8118 Fax (714)632-8111  
 NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client :Magnolia Environmental  
 Address:885 Mango St. Brea, CA 92821  
 Project #:1481  
 Project Location : 12816 2nd St Yucaipa

Date Collected: 12/18/2019 LAB Job # : 19121904  
 Date Received: 12/19/2019 Project Name:N/A  
 Date Analysis : 12/21/2019 No of Samples: 15  
 Date Reported: 12/21/2019 Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
DI-2	19121904.14.A	19121904.14	Yes	15% Chrysotile
<b>Location</b> : Attic				
<b>Analyst Description / Color</b> : HVAC Duct,Fibrous,Non-Homogenous/Gray,Silver				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 25% Cellulose,60%Non-Fibrous Material				
DI-3	19121904.15.A	19121904.15	Yes	15% Chrysotile
<b>Location</b> : Attic				
<b>Analyst Description / Color</b> : HVAC Duct,Fibrous,Non-Homogenous/Gray,Silver				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 20% Cellulose,65%Non-Fibrous Material				

  
 Jhair Gonzalez – Analyst

  
 Armando Ducoing – Approved By

The analyses of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA-600/M4-82-020 (US EPA Interim Method for the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analyses only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of threemonths unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory. Analyst of Optical Microscopy  
 Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0. Page 5 of 5





**CHAIN OF CUSTODY**

1012 Segovia Circle, Placentia, CA 92870  
Ph. (714) 632 8100 Fx. (714) 632 8111

Job ID: 19121904



CONTACT INFORMATION *		PROJECT INFORMATION *	
Company: Magnolia Environmental, LLC		Project #: 1481	
Address: 885 Mango St. Brea, CA		Project name:	
Phone: 562-922-3144		Project location: 12816 2nd St, Yucaipa	
Contact: Andrea Pulsipher		Date sampled: A. Pulsipher 12/18/19	
Email results to: Maglabresults@gmail.com		Sampled by: ↓	
ASBESTOS		MICROBIOLOGY	
<input checked="" type="checkbox"/> PLM Bulk Analysis (EPA 600/R-93/116) <input type="checkbox"/> PLM 1,000 Point Count (<0.1%) <input type="checkbox"/> PLM 400 Point Count (<0.25%) <input type="checkbox"/> Gravimetric Point Count (<0.1%) <input type="checkbox"/> PCM Airborne Fiber Count (NIOSH 7400) <input type="checkbox"/> PCM Airborne Fiber Count with TWA <input type="checkbox"/> Other:		<input type="checkbox"/> Fungi: Non Viable Mold (ST) <input type="checkbox"/> Fungi: Non Viable Mold (TL, B, Sw) <input type="checkbox"/> Fungi: Quantitative Spore Count Direct Exam (TL, B, Sw) <input type="checkbox"/> Bacteria: Total Coliform, E. coli (P/A) <input type="checkbox"/> Bacteria: Total Coliform, E. coli, Enterococcus (P/A) <input type="checkbox"/> Carbon Black & Material Science Analysis	
Turnaround time (TAT) *: <input type="checkbox"/> 3-4 Hrs <input type="checkbox"/> 6-8 Hrs <input type="checkbox"/> 24 Hrs <input checked="" type="checkbox"/> 48 Hrs <input type="checkbox"/> 72 Hrs <input type="checkbox"/> Other:			
Additional information/ Special instructions:			
<input type="checkbox"/> Stop at 1st positive on samples great 1%, EXCEPT for: _____ <input type="checkbox"/> Composite 1 wall system sample if found to be great than or equal 1%. <input type="checkbox"/> Other:			

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM			TOTAL
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR	FLOW STOP	STAR	
W6-1	Living Room	Wall System	G	1,200					1,200
↓-2	Kitchen	↓		↓					↓
↓-3	Bedroom 3	↓		↓					↓
JC-1	Kitchen	Joint Compound		30					30
↓-2	Bath 2	↓		↓					↓
↓-3	Bedroom 3	↓		↓					↓
F-1	Closest	Black Flooring		14					14
↓-2	↓	↓		↓					↓
↓-3	↓	↓		↓					↓

Weather	Fog	Rain	Snow	Wind	Clear	TIME *	DATE *	RELINQUISHED BY *	RECEIVED BY
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	7:50AM 10:00	12-19-19 12-19-19	A. Pulsipher	

\* Necessary information for processing.  
 ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,  
 COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.



**CHAIN OF CUSTODY**

1012 Segovia Circle, Placentia, CA 92870  
 Ph. (714) 632 8100 Fx. (714) 632 8111

For Laboratory use only  
 Lab ID: \_\_\_\_\_

Company: Magnolia Environmental Project #: 1481

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR	STOP	STAR	STOP	TOTAL
R-1	Roof	Roof	G	2,000						2,000
R-2	↓	↓	↓	↓						↓
R-3	↓	↓	↓	↓						↓
DI-1	Attic	HVAC DUCTS		145						145
DI-2	↓	↓	↓	↓						↓
DI-3	↓	↓	↓	↓						↓

\* Necessary information for processing.  
 ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,  
 COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.

Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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## **APPENDIX B**

### **SITE PHOTOGRAPHS**





Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481



Picture 1: HVAC Duct wrapping in the attic was found to be ACM



Picture 2: Assumed ACM 6" Transite Pipe running through home



Picture 3: Wall system sampled was found to not contain asbestos



Picture 4: Black flooring sampled in closet was found to not contain asbestos





Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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## **APPENDIX C**

### **SITE MAPS/SKETCH**

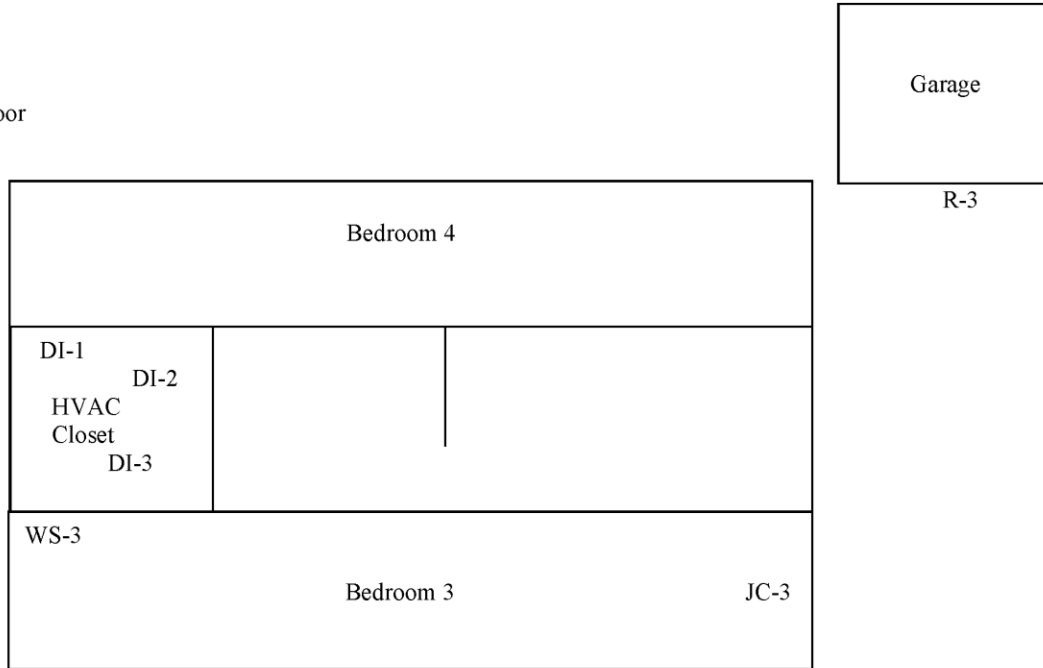


Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

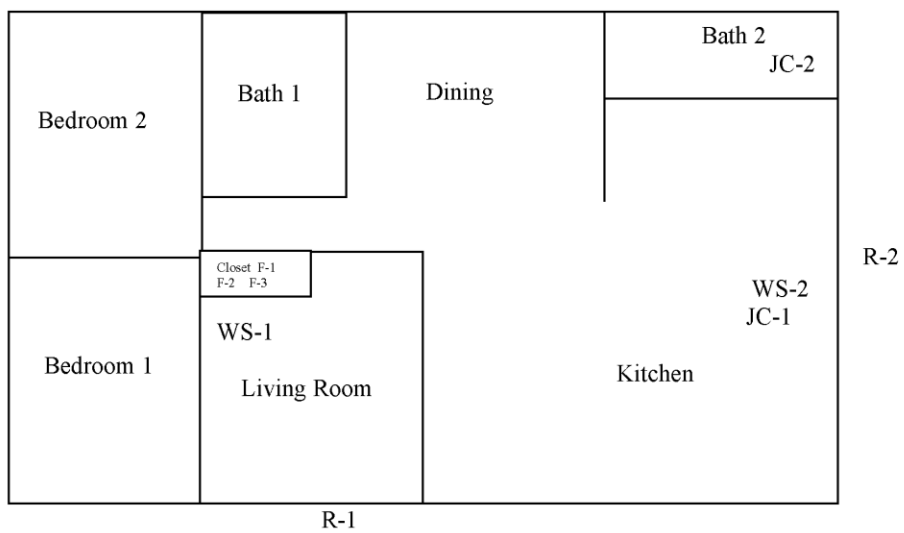
Sketch not to scale.

Sample ID indicates location of sampling.

2<sup>nd</sup> Floor



1<sup>st</sup> Floor



Property Address: 12816 2nd St. Yucaipa, CA 92399  
Date of Survey: December 18, 2019  
Project Number: 1481

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## **APPENDIX D**

### **ACCREDITATION AND CERTIFICATION**





# Magnolia Environmental, LLC

**Project:**

Asbestos Survey Report

12834 2<sup>nd</sup> St.

Yucaipa, CA 92399

Project Number: 1975

**Local Office:**

Magnolia Environmental, LLC

885 Mango St.

Brea, CA 92821

Office: 562-922-3144

**Client:**

Yucaipa Valley Water District

**Date Report Issued:**

June 22, 2020



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## Appendices

Appendix A.....	Asbestos Laboratory Analytical Results, Chain of Custody
Appendix B.....	Site Photographs
Appendix C.....	Site Map/Sketch
Appendix D.....	Accreditations and Certification



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## INTRODUCTION

The client referenced above retained Magnolia Environmental to perform an asbestos-containing material (ACM) survey to investigate the subject property prior to demolition. The survey included the sampling of suspect asbestos containing materials, and a visual assessment of the interior spaces at the subject property. Cal- OSHA Certified Asbestos Consultant (CAC) No. 17- 5929, performed the on-site survey on June 17, 2020.

Magnolia Environmental report is for the exclusive use of our client referenced above and applies only to the structures referenced above or portion thereof. No one other than our client or those contracted by our client may utilize, reference, or otherwise rely on this report without prior written consent from Magnolia Environmental.

## PURPOSE AND SCOPE

The purpose of this investigation is to perform a hazardous asbestos materials survey in order to aid our client referenced above in investigating the subject property prior to demolition. Magnolia Environmental scope of work included:

- A visual reconnaissance of the impacted area on property to evaluate the possible presence of ACM.
- Collection of bulk samples of suspect ACM and submittal of samples to a NVLAP accredited laboratory for analysis.
- Assessment of the condition of potential ACM.
- Preparation of this report, which presents our data and summarizes the assessed materials.



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
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## METHODS

### A. ASBESTOS

Suspect asbestos materials are sampled and later identified using the Polarized Light Microscopy (PLM) method in accordance with the EPA Interim method of the Determination of Asbestos in Bulk Samples (EPA/600/ R-93/116, July 1993). Sampling was performed in accordance with 40 CFR 763.86. Homogeneous areas were based on the total functional space. Number of samples per homogeneous area was taken as recommended under said section "Sampling Procedures".

The PLM Method is the most commonly used method to analyze building materials for the presence of asbestos. This method utilizes the optical properties of minerals to identify the selected constituent. The use of this method enables identification of the type and the percentage of asbestos in each sample. The detection limit of the PLM method for asbestos identification is about one (1) percent asbestos. Because the State of California recognizes asbestos-containing building material (ACBM) as any material, which contains greater than or equal to one tenth of one percent (.1) asbestos, materials containing "trace" amounts of asbestos are reported as ACBM in the State of California.

Documentation of the laboratory results should be retained as a reference for general building safety and maintenance, and for any future renovation/ demolition activities.

#### INSPECTION PROCEDURE (763.85)

Areas Inspected: The inspector performed a preliminary walk-through to designate the functional spaces. She also noted which areas had homogeneous materials.

The inspector then visually inspected each accessible room being impacted in the demolition. The inspector touched suspect materials to determine if they were friable. For each suspect material, the inspector noted its condition and the potential for disturbance.

Quantities: Suspect asbestos-containing materials identified at the site were quantified. For general functional space measurements were used. Such measurements provide "approximate square or linear footage" (763.93 (d)(2)(ii)). Suspect Asbestos-Containing Materials: were sampled for laboratory analysis or were visually identified as ACM. Magnolia Environmental collected a total of Forty Five (45) bulk samples of suspect ACM. The samples were transferred following proper chain of custody protocol to Ecologics Laboratories, located at 1012 Segovia Circle Placentia, CA 92870, for analysis. Ecologics Laboratories is an accredited laboratory for bulk asbestos analysis under the National Institute of Standards and Technology, National Voluntary Laboratory Accreditation Program (Certification Number 600190-0).





Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: June 17, 2020  
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**RESULT**

**A. ASBESTOS**

Forty Five (45) bulk samples were taken using polarized light microscopy (PLM). The following table summarizes the results of the sample analysis and of the visual assessment. A complete list of sample results can be found in the laboratory sheets at the end of this report.

**TABLE I: ACM RESULTS**

MTL #	Material Description	Sample Location	F/NF <sup>1</sup>	Cond. <sup>2</sup>	%ACM <sup>3</sup>	# Samples	Est. Quantity
01	Wall System	Wall system sampled in the basement	NF	G	0%	3	320 SF
02	Joint Compound	In-between wall systems sampled in the basement	NF	G	0%	3	100 SF
03	Plaster	Plaster sampled in the hallway, bedroom 1, and living room	NF	G	0%	3	720 SF
04	Layered Sheet Flooring	Layered sheet flooring sampled in the kitchen and side room	NF	G	30%	3	378 SF
05	Stucco	Exterior stucco sampled from outside of the basement bathroom	NF	D	0%	3	20 SF
06	Window Putty	Window putty sampled from the exterior windows	F	D	0%	3	25 SF
07	Thermal System Insulation	Thermal system insulation sampled around the boiler duct	NF	G	30%	3	5 SF
08	12x12 Ceiling Tile	12x12 Ceiling tile sampled in the side room and the small room near the kitchen	F	D	0%	3	200 SF
09	12x24 Green Ceiling Tile	12x24 green ceiling tile sampled in the living room	NF	G	0%	3	247 SF
10	Shingled Roofing	Shingled roofing sampled from the roof of the subject property	NF	G	0%	3	1,000 SF
11	Insulation	Insulation sampled from the side room and the small room near the kitchen	NF	G	0%	3	400 SF
12	9x9 Floor Tile and mastic	9x9 Floor tile and mastic sampled in the small room near the kitchen	NF	G	7%	3	50 SF



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: June 17, 2020  
 Project Number: 1975

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**ACM RESULTS CONTINUED**

MTL #	Material Description	Sample Location	F/NF <sup>1</sup>	Cond. <sup>2</sup>	%ACM <sup>3</sup>	# Samples	Est. Quantity
13	Penetration Mastic	Penetration mastic sampled from the roof of the subject property	NF	G	0%	3	15 SF
14	Rolled Roofing	Rolled roofing sampled from the roof of the subject property	NF	G	0%	3	300 SF
15	Particle Board	Particle board sampled from the basement	NF	G	40%	3	25 SF
16	6 inch Transite Pipe	6 inch transite pipe	NF	G	Assumed	0	25 SF

<sup>1</sup>-F=Friable; NF= Non-Friable

<sup>2</sup>-Cond = condition of Materials. Either good (G), damaged (D), or significantly damaged (SD)

<sup>3</sup> - <1% = Calif. Code of Regulation, Title 8, Section 1529. "asbestos-containing construction" material means any manufactured construction material which contains more than one-tenth of 1 percent asbestos by weight. This material will be abated as asbestos containing material; however, it may be disposed of as construction debris.

\*See the laboratory report and chain custodies for the complete list materials tested and the sampling locations.

\*\*Should the demolition/renovation process reveal any additional suspect asbestos-containing materials; work must stop until the suspect materials are tested for asbestos content.



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
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## CONCLUSION / RECOMMENDATIONS

### A. ASBESTOS

According to bulk sampling and visual inspection of impacted areas, asbestos-containing materials were present in the following materials sampled:

- Layered sheet flooring
- Thermal system insulation
- 9x9 Floor tile and mastic
- Particle board

A 6-inch Transite Pipe was observed at the subject property. Although no samples of the transite pipe were collected, the transite pipe is assumed to be asbestos-containing by Andrea Pulsipher, Cal- OSHA Certified Asbestos Consultant (CAC) No. 17- 5929

**Abatement by a licensed abatement contractor is required prior to disturbance of asbestos-containing materials.**

It is always necessary to comply with the pertinent provisions of EPA, OSHA and AQMD regulations during any removal or repair activities that may disturb the asbestos- containing materials that may have been inaccessible and or untested during the survey. Not all areas of the home were tested, only impacted areas. Caution should be taken when inaccessible and untested areas are disturbed.

The Environmental protection Agency (EPA) and California OSHA (Cal/OSHA) define materials which contain more than one percent asbestos to be asbestos containing materials (ACM). In addition, Cal/OSHA defines any manufactured construction material more than 0.1% asbestos as asbestos- containing construction materials (ACCMs). Cal/OSHA also requires notification and registration of the contractor when disturbing materials with more than one-tenth of one percent asbestos and regulates worker protection whenever materials containing any detectable levels of asbestos are disturbed.



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## LIMITATIONS

Magnolia Environmental prepared this asbestos survey for the client referenced above. No warranties expressed or implied, are made by Magnolia Environmental or its employees as to the use of any information, apparatus, product or process disclosed in this report. Though reasonable efforts have been made to assure correctness, if a Contractor is employed, he should bring any discrepancies to the immediate attention of Magnolia Environmental.

We have employed state-of-the-art practices to perform this analysis of risk and identification, but this evaluation is severely limited in scope to areas accessible to a visual inspection or through reasonable means of the areas evaluated. No demolition or product review was performed in attempts to reveal material compositions. Our services consist of professional opinions and recommendations made in accordance with generally accepted engineering principles and practices and are designed to provide an analytical tool to assist the client. Magnolia Environmental or those representing Magnolia Environmental bear no responsibility for the actual condition of the structure or safety of a site pertaining to asbestos and/or asbestos contamination regardless of the actions taken by the client.

Magnolia Environmental appreciated having the opportunity to inspect your property. If you have any questions regarding this survey or other environmental hazards, please don't hesitate to contact us at (562) 922-3144 or at [Office@Magnoliaenvironmental.com](mailto:Office@Magnoliaenvironmental.com).



Andrea Pulsipher  
Project Consultant  
CAC No. 17-5929



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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**APPENDIX A**

**ASBESTOS LABORATORY ANALYTICAL RESULTS  
AND CHAIN OF CUSTODY**





**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brca, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
WS-1	20061713.01.A	20061713.01	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Wall Material,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,88%Non-Fibrous Material				
WS-2	20061713.02.A	20061713.02	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Wall Material,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,88%Non-Fibrous Material				
WS-3	20061713.03.A	20061713.03	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Wall Matcrial,Firm,Homogcnous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,88%Non-Fibrous Material				
JC-1	20061713.04.A	20061713.04	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%CaCo				
JC-2	20061713.05.A	20061713.05	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White,Beige				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%CaCo				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials) and EPA - 40 CFR Appendix E to Subpart E of Part 763, (Interim Method of the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except for in full, without the written approval of this laboratory.  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
JC-3	20061713.06.A	20061713.06	No	None Detected
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Joint Compound,Firm,Homogenous/White,Beige				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%CaCo				
P-1	20061713.07.A	20061713.07	No	None Detected
<b>Location</b> : Hall				
<b>Analyst Description / Color</b> : Plaster,Granular,Homogenous/Beige				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				
P-2	20061713.08.A	20061713.08	No	None Detected
<b>Location</b> : Bcd I				
<b>Analyst Description / Color</b> : Plaster,Granular,Homogenous/Beige				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				
P-3	20061713.09.A	20061713.09	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Plaster,Granular,Homogenous/Beige				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				
F-1	20061713.10.A	20061713.10	Yes	30% Chrysotile
<b>Location</b> : Kitchen				
<b>Analyst Description / Color</b> : Floor Tile,Homogenous,flexible/Tan				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 15% Cellulose,43%Non-Fibrous Material,12%Binders				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials) and EPA - 40 CFR Appendix E to Subpart E of Part 763, (Interim Method of the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent). Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except in full, without the written approval of this laboratory.  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.





**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F-1	20061713.10.B	20061713.10	No	None Detected
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Felt Flooring,Fibrous,Homogenous/Black,Green <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 13% Cellulose,15% Fiberglass,72%Non-Fibrous Material				
F-2	20061713.11.A	20061713.11	Yes	30% Chrysotile
<b>Location</b> : Kitchen <b>Analyst Description / Color</b> : Floor Tile,Homogenous,Flexible/Tan <b>Asbestos % Type</b> : Chrysotile <b>Other Material Type</b> : 15% Cellulose,43%Non-Fibrous Material,12%Binders				
F-3	20061713.12.A	20061713.12	Yes	30% Chrysotile
<b>Location</b> : Side Room <b>Analyst Description / Color</b> : Floor Tile,Homogenous,Flexible/Tan <b>Asbestos % Type</b> : Chrysotile <b>Other Material Type</b> : 15% Cellulose,43%Non-Fibrous Material,12%Binders				
S-1	20061713.13.A	20061713.13	No	None Detected
<b>Location</b> : Basement Bath <b>Analyst Description / Color</b> : Stucco,Granular,Homogenous/Gray <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				
S-2	20061713.14.A	20061713.14	No	None Detected
<b>Location</b> : Basement Bath <b>Analyst Description / Color</b> : Stucco,Granular,Homogenous/Gray <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

The analysis of the samples in this report were performed and analyzed in accordance with the procedure outlined in the US Federal Register 40 CFR 763, Subpart F, Appendix A; EPA-600/R-93/116 (Method for Determination of Asbestos in Building Materials) and EPA - 40 CFR Appendix E to Subpart E of Part 763, (Interim Method of the Determination of Asbestos in Bulk Insulation Samples). Total percentage of sample constituents may total greater than 100 due to trace amounts. The limit of detection for this analytical method is less than one percent. Samples were analyzed using Calibrated Visual Estimations (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multilayer samples, unless otherwise specified, the asbestos concentration is reported for the layer where asbestos is found. These results lie within the statistical limits of variability calculated for standard reference samples routinely analyzed in the laboratory. On a per sample basis, the accuracy and precision of the results depend on the type of sample and its asbestos content. Ecologics Lab is accredited under the NIST/NVLAP program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any misinformation provided to us by the client regarding these samples or for any misuse or interpretation of information supplied by us. Liability shall extend to providing replicate analysis only. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government. Ecologics Lab will retain samples for a period of three months unless otherwise specified. This report relates only to samples submitted and analyzed. This report may not be reproduced except in full, without the written approval of this laboratory.  
Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



**Ecologics Laboratories**  
1012 Segovia Circle, Placentia, CA 92870  
Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
S-3	20061713.15.A	20061713.15	No	None Detected
<b>Location</b> : Basement Bath				
<b>Analyst Description / Color</b> : Stucco,Granular,Homogenous/Gray				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,72%Non-Fibrous Material,13%Quartz				
WP-1	20061713.16.A	20061713.16	No	None Detected
<b>Location</b> : Exterior Windows				
<b>Analyst Description / Color</b> : Wall Putty,Firm,Homogenous/Gray,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,65%Non-Fibrous Material,20%Adhesive				
WP-2	20061713.17.A	20061713.17	No	None Detected
<b>Location</b> : Exterior Windows				
<b>Analyst Description / Color</b> : Wall Putty,Firm,Homogenous/Gray,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,65%Non-Fibrous Material,20%Adhesive				
WP-3	20061713.18.A	20061713.18	No	None Detected
<b>Location</b> : Exterior Windows				
<b>Analyst Description / Color</b> : Wall Putty,Firm,Homogenous/Gray,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,65%Non-Fibrous Material,20%Adhesive				
TSI-1	20061713.19.A	20061713.19	Yes	30% Chrysotile
<b>Location</b> : Around Boiler Duct				
<b>Analyst Description / Color</b> : Thermal systems insulation,Fibrous,Homogenous/Beige				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 20% Cellulose,15% Fiberglass,35%Non-Fibrous Material				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.



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Phone (714)632-8118 Fax (714)632-8111  
NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
TSI-2	20061713.20.A	20061713.20	Yes	30% Chrysotile
<b>Location</b> : Around Boiler Duct				
<b>Analyst Description / Color</b> : Thermal systems insulation,Fibrous,Homogenous/Beige				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 20% Cellulose,15% Fiberglass,35%Non-Fibrous Material				
TSI-3	20061713.21.A	20061713.21	Yes	30% Chrysotile
<b>Location</b> : Around Boiler Duct				
<b>Analyst Description / Color</b> : Thermal systems insulation,Fibrous,Homogenous/Beige				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 20% Cellulose,15% Fiberglass,35%Non-Fibrous Material				
CT-1	20061713.22.A	20061713.22	No	None Detected
<b>Location</b> : Side Room				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				
CT-2	20061713.23.A	20061713.23	No	None Detected
<b>Location</b> : Side Room				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				
CT-3	20061713.24.A	20061713.24	No	None Detected
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
CT2-1	20061713.25.A	20061713.25	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				
CT2-2	20061713.26.A	20061713.26	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				
CT2-3	20061713.27.A	20061713.27	No	None Detected
<b>Location</b> : Living Room				
<b>Analyst Description / Color</b> : Ceiling Tile,Firm,Homogenous/Brown,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,40%Non-Fibrous Material,45%Wood Pulp				
R-1	20061713.28.A	20061713.28	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Roofing Shingle,Firm,Granular,Non-Homogenous/Gray,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,73%Non-Fibrous Material,12%Quartz				
R-2	20061713.29.A	20061713.29	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Roofing Shingle,Firm,Granular,Non-Homogenous/Gray,White				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 15% Cellulose,73%Non-Fibrous Material,12%Quartz				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
R-3	20061713.30.A	20061713.30	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Roofing Shingle,Firm,Granular,Non-Homogenous/Gray,White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 15% Cellulose,73%Non-Fibrous Material,12%Quartz				
I-1	20061713.31.A	20061713.31	No	None Detected
<b>Location</b> : Side Room				
<b>Analyst Description / Color</b> : Insulation,Fibrous,Homogenous/White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 10% Cellulose,60% Fiberglass,30%Non-Fibrous Material				
I-2	20061713.32.A	20061713.32	No	None Detected
<b>Location</b> : Side Room				
<b>Analyst Description / Color</b> : Insulation,Fibrous,Homogenous/White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 10% Cellulose,60% Fiberglass,30%Non-Fibrous Material				
I-3	20061713.33.A	20061713.33	No	None Detected
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Insulation,Fibrous,Homogenous/White				
<b>Asbestos % Type</b> : <b>NON</b>				
<b>Other Material Type</b> : 10% Cellulose,60% Fiberglass,30%Non-Fibrous Material				
F2-1	20061713.34.A	20061713.34	Yes	2% Chrysotile
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Floor Tile,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 15% Cellulose,63%Non-Fibrous Material,20%Binders				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
F2-1	20061713.34.B	20061713.34	Yes	5% Chrysotile
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Mastic,Soft,Homogenous/Black				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 12% Cellulose,63%Non-Fibrous Material,20%Asphaltic Matrix				
F2-2	20061713.35.A	20061713.35	Yes	2% Chrysotile
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Floor Tile,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 15% Cellulose,63%Non-Fibrous Material,20%Binders				
F2-3	20061713.36.A	20061713.36	Yes	2% Chrysotile
<b>Location</b> : Small Room Near Kitchen				
<b>Analyst Description / Color</b> : Floor Tile,Firm,Homogenous/Brown				
<b>Asbestos % Type</b> : Chrysotile				
<b>Other Material Type</b> : 15% Cellulose,63%Non-Fibrous Material,20%Binders				
PM-1	20061713.37.A	20061713.37	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Roof Mastic,Firm,Homogenous/Black				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Asphaltic Matrix				
PM-2	20061713.38.A	20061713.38	No	None Detected
<b>Location</b> : Roof				
<b>Analyst Description / Color</b> : Roof Mastic,Firm,Homogenous/Black				
<b>Asbestos % Type</b> : NON				
<b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Asphaltic Matrix				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
PM-3	20061713.39.A	20061713.39	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roof Mastic,Firm,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Asphaltic Matrix				
R2-1	20061713.40.A	20061713.40	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roofing,Granular,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Quartz				
R2-2	20061713.41.A	20061713.41	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roofing,Granular,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Quartz				
R2-3	20061713.42.A	20061713.42	No	None Detected
<b>Location</b> : Roof <b>Analyst Description / Color</b> : Roofing,Granular,Homogenous/Black <b>Asbestos % Type</b> : NON <b>Other Material Type</b> : 12% Cellulose,73%Non-Fibrous Material,15%Quartz				
PB-1	20061713.43.A	20061713.43	Yes	40% Chrysotile
<b>Location</b> : Basement <b>Analyst Description / Color</b> : Particle Board,Fibrous,Homogenous/Gray <b>Asbestos % Type</b> : Chrysotile <b>Other Material Type</b> : 15% Cellulose,12% Fiberglass,33%Non-Fibrous Material				

  
Lorena Padilla – Analyst

  
Armando Ducoing – Approved By

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 NVLAP Lab Code:600190-0

**PLM Bulk Asbestos Report**

Client : Magnolia Environmental	Date Collected: 06/17/2020	LAB Job #: 20061713
Address : 885 Mango St. Brea, CA 92821	Date Received: 06/17/2020	Project Name: N/A
Project # : 1975	Date Analysis : 06/20/2020	No of Samples: 45
Project Location : 12834 2nd St, Yucaipa, CA 92399	Date Reported: 06/20/2020	Collected By: A. Pulsipher

Client ID	Layer #	Lab ID	Asbestos Present	Total Est.% of Asbestos
PB-2	20061713.44.A	20061713.44	Yes	40% Chrysotile
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Particle Board,Fibrous,Homogenous/Gray				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 15% Cellulose,12% Fiberglass,33%Non-Fibrous Material				
PB-3	20061713.45.A	20061713.45	Yes	40% Chrysotile
<b>Location</b> : Basement				
<b>Analyst Description / Color</b> : Particle Board,Fibrous,Homogenous/Gray				
<b>Asbestos % Type</b> : <b>Chrysotile</b>				
<b>Other Material Type</b> : 15% Cellulose,12% Fiberglass,33%Non-Fibrous Material				

  
 Lorena Padilla – Analyst

  
 Armando Ducoing – Approved By

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**CHAIN OF CUSTODY**  
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Job ID:20061713



CONTACT INFORMATION *				PROJECT INFORMATION *						
Company: Magnolia Environmental, LLC				Project #: 1975						
Address: 885 Mango St. Brea, CA				Project name:						
Phone: 562-922-3144				Project location: 12834 2nd St.						
Contact: Andrea Pulsipher				Yucaipa, CA 92349						
Email results to: Maglabresults@gmail.com				Date sampled: 6/17/20						
				Sampled by: A. Pulsipher						
ASBESTOS				MICROBIOLOGY						
<input checked="" type="checkbox"/> PLM Bulk Analysis (EPA 600/R-93/116) <input type="checkbox"/> PLM 1,000 Point Count (<0.1%) <input type="checkbox"/> PLM 400 Point Count (<0.25%) <input type="checkbox"/> Gravimetric Point Count (<0.1%) <input type="checkbox"/> PCM Airborne Fiber Count (NIOSH 7400) <input type="checkbox"/> PCM Airborne Fiber Count with TWA <input type="checkbox"/> Other:				<input type="checkbox"/> Fungi: Non Viable Mold (ST) <input type="checkbox"/> Fungi: Non Viable Mold (TL, B, Sw) <input type="checkbox"/> Fungi: Quantitative Spore Count Direct Exam (TL, B, Sw) <input type="checkbox"/> Bacteria: Total Coliform, E. coli (P/A) <input type="checkbox"/> Bacteria: Total Coliform, E. coli, Enterococcus (P/A) <input type="checkbox"/> Carbon Black & Material Science Analysis						
Turnaround time (TAT) *: <input type="checkbox"/> 3-4 Hrs <input type="checkbox"/> 6-8 Hrs <input type="checkbox"/> 24 Hrs <input type="checkbox"/> 48 Hrs <input checked="" type="checkbox"/> 72 Hrs <input type="checkbox"/> Other:										
Additional information/ Special instructions:										
<input checked="" type="checkbox"/> Stop at 1st positive on samples great 1%, EXCEPT for: _____										
<input type="checkbox"/> Composite 1 wall system sample if found to be great than or equal 1%.										
<input type="checkbox"/> Other:										
SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY SF/LF	FRIABLE Y/N	TIME		FLOW		TOTAL
WS-1	Basement	Wall system	G	320	N					
WS-2	↓	↓	↓	↓	↓					
WS-3	↓	↓	↓	↓	↓					
Jc-1		Joint compound	G	100	N					
Jc-2	↓	↓	↓	↓	↓					
Jc-3	↓	↓	↓	↓	↓					
P-1	Hall	Plaster	G	720	N					
P-2	Bed 1	↓	↓	↓	↓					
P-3	Living room	↓	↓	↓	↓					
Weather	Fog	Rain	Snow	Wind	Clear	TIME *	DATE *	RELINQUISHED BY *	RECEIVED BY	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	2:13 2:13	6-17-20 6-17-20	A. Pulsipher	Jhair	

\* Necessary information for processing.

ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,

COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.



**CHAIN OF CUSTODY**

1012 Segovia Circle, Placentia, CA 92870  
 Ph. (714) 632 8100 Fx. (714) 632 8111

Job ID:20061713



Magnolia Environmental

Company: Magnolia

Project #: 1975

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR STOP		FLOW STAR STOP		TOTAL
F-1	Kitchen	Layered Sheet Flooring	G	378	N					
F-2	↓	↓	↓	↓	↓					
F-3	Side Room	↓	↓	↓	↓					
S-1	Basement Bath	Stucco	D	20	N					
S-2	↓	↓	↓	↓	↓					
S-3	↓	↓	↓	↓	↓					
WP-1	Exterior Windows	Window Putty	D	25	Y					
WP-2	↓	↓	↓	↓	↓					
WP-3	↓	↓	↓	↓	↓					
TSI-1	Around boiler duct	Thermal System Insulation	G	40 <sup>S</sup>	N					
TSI-2	↓	↓	↓	↓	↓					
TSI-3	↓	↓	↓	↓	↓					
CT-1	side room	12x12 c/s tile	D	200	Y					
CT-2	↓	↓	↓	↓	↓					
CT-3	Small Room near kitchen	↓	↓	↓	↓					
CT2-1	Living Room	12x24 Groom ceiling tile	G	247	N					
CT2-2	↓	↓	↓	↓	↓					
CT2-3	↓	↓	↓	↓	↓					

\* Necessary information for processing.

ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,

COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.





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Job ID:20061713



Magnolia Environmental

Company: Magnolia Project #: 1975

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY	FRIABLE	TIME		FLOW		TOTAL
				SF/LF	Y/N	STAR	STOP	STAR	STOP	
R-1	Roof	Shingled Roofing	G	1000	N					
R-2	↓	↓	↓	↓	↓					
R-3	↓	↓	↓	↓	↓					
I-1	Side Room	Insulation	G	400	N					
I-2	↓	↓	↓	↓	↓					
I-3	Small Room near kitchen	↓	↓	↓	↓					
F2-1	Small Room near kitchen	dry Floor tile	G	50	N					
F2-2	↓	↓	↓	↓	↓					
F2-3	↓	↓	↓	↓	↓					
PM-1	Roof	Permanite mastic	G	15	N					
PM-2	↓	↓	↓	↓	↓					
PM-3	↓	↓	↓	↓	↓					
R2-1	Roof	rolled Roofs	G	300	N					
R2-2	↓	↓	↓	↓	↓					
R2-3	↓	↓	↓	↓	↓					
PB-1	Basement	particle Board	G	25	N					
PB-2	↓	↓	↓	↓	↓					
PB-3	↓	↓	↓	↓	↓					

\* Necessary information for processing.

ST: Spore Trap, TL: Tape Lift, B: Bulk, Sw: Swab, P/A: Presence/ Absence, QTY: Quantity, SF: Square Foot, LF: Length Foot,

COND: Conditions: G = Good; D = Damage; SD = Significantly Damage.

Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## **APPENDIX B**

### **SITE PHOTOGRAPHS**



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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Picture 1: Roofing of the subject property was found to not contain asbestos



Picture 2: Penetration mastic sampled from the roof



Picture 3: Thermal system insulation around the boiler duct was found to be ACM



Picture 4: Insulation was found to not contain asbestos





Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
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Picture 5: Exterior stucco was found to not contain asbestos



Picture 6: Wall system was found to not contain asbestos



Picture 7: Joint compound was found to not contain asbestos



Picture 8: Damaged ceiling tile was found to not contain asbestos





Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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Picture 9: Layered sheet flooring sampled from the kitchen was found to be ACM



Picture 10: Particle board sampled was found to be ACM



Picture 11: Plaster sampled was found to not contain asbestos



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## **APPENDIX C**

### **SITE MAPS/SKETCH**

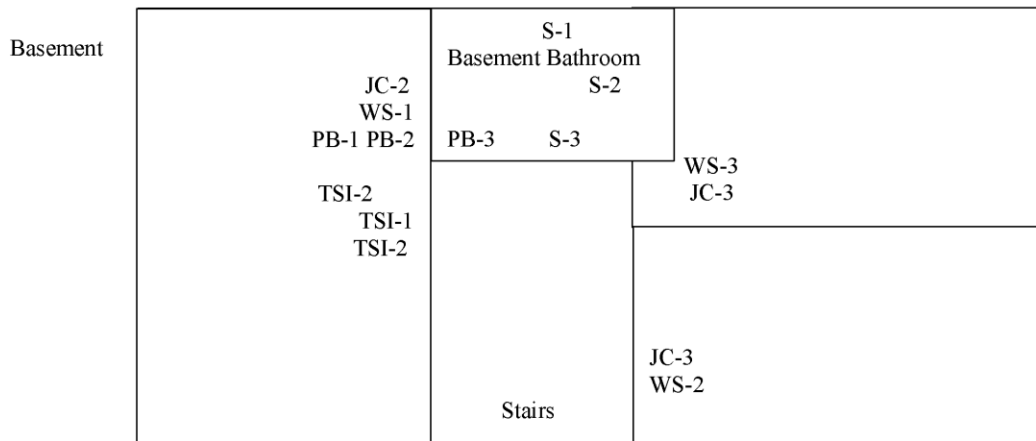


Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
 Date of Survey: June 17, 2020  
 Project Number: 1975

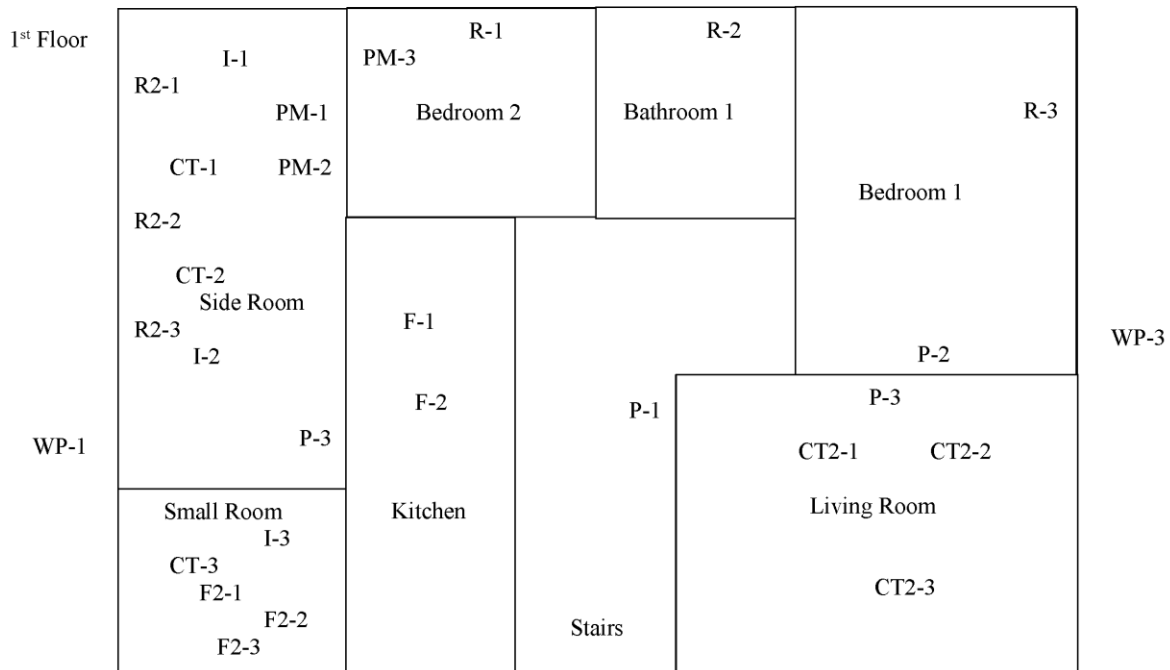
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Sketch not to scale.

Sample ID indicates location of sampling.



WP-2



Property Address: 12834 2<sup>nd</sup> St. Yucaipa, CA 92399  
Date of Survey: June 17, 2020  
Project Number: 1975

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## **APPENDIX D**

### **ACCREDITATION AND CERTIFICATION**

