



Yucaipa Valley Water District

12770 Second Street, Yucaipa, California 92399 Phone: (909) 797-5117

Notice and Agenda of a Meeting of the Board of Directors

Tuesday, November 10, 2020 at 4:00 p.m.

Due to the spread of COVID-19 and in accordance with the Governor's Executive Order N-29-20 (a copy of which is attached to this agenda), the Yucaipa Valley Water District will be conducting this meeting by teleconference only. Public comments on matters listed on the agenda or on any matter within the District's jurisdiction will be received during Public Comments, Agenda Item No. III.

**This meeting is available by calling
(888) 475-4499 using passcode 676-950-731#**

**View live presentation material at
<https://zoom.us/j/676950731>
Passcode: 765589**

There will be no public physical location for attending this meeting in person. The District's Board meeting room will be closed to the public until further notice.

If you are unable to participate by telephone, you may submit comments and/or questions in writing for the Board's consideration by sending them to inquiry@yvwd.us. Submit your written inquiry prior to the start of the meeting. All public comments received prior to the start of the meeting will be provided to the Board and may be read into the record or compiled as part of the record.

- I. CALL TO ORDER**
- II. ROLL CALL**
- III. PUBLIC COMMENTS** - At this time, members of the public may briefly address the Board of Directors on matters within its jurisdiction or on any matter listed on this agenda.

Any person who requires accommodation to participate in this meeting should contact the District office at (909) 797-5117, at least 48 hours prior to the meeting to request a disability-related modification or accommodation.

Materials that are provided to the Board of Directors after the meeting packet is compiled and distributed will be made available for public review during normal business hours at the District office located at 12770 Second Street, Yucaipa. Meeting materials are also available on the District's website at www.yvwd.dst.ca.us

IV. STAFF REPORT

V. DISCUSSION ITEMS

- A. Overview of the El Dorado Fire Resource Fair [Director Memorandum No. 20-166 - Page 9 of 139]

RECOMMENDED ACTION: Staff Presentation – No Action Required

- B. Consideration of Development Agreement No. 2020-07 for the Yucaipa Pointe Commercial Development on Yucaipa Boulevard between Avenue E and 18th Street, Yucaipa [Director Memorandum No. 20-167 - Page 11 of 139]

RECOMMENDED ACTION: That the Board authorize the Board President to execute Development Agreement No. 2020-07.

- C. Consideration of Releasing a Request for Proposals for the Demolition of Structures at 12806 2nd Street, 12816 2nd Street, 12834 2nd Street, and a Storage Facility on 2nd Street, Yucaipa [Director Memorandum No. 20-168 - Page 28 of 139]

RECOMMENDED ACTION: That the Board authorize the General Manager to release the Request for Proposals.

- D. Adoption of Resolution No. 2020-58 Authorizing the General Manager to Certify the Completion of the Risk and Resilience Assessment and Emergency Response Plan Required by America's Water Infrastructure Act of 2018 [Director Memorandum No. 20-169 - Page 127 of 139]

RECOMMENDED ACTION: That the Board adopt Resolution No. 2020-58.

VI. BOARD REPORTS & DIRECTOR COMMENTS

VII. ANNOUNCEMENTS

- A. November 17, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- B. November 24, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- C. December 1, 2020 at 4:00 p.m. - Board Meeting - Cancelled
- D. December 8, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- E. December 15, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- F. December 22, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- G. December 29, 2020 at 4:00 p.m. - Board Meeting - Cancelled
- H. January 5, 2021 at 4:00 p.m. - Board Meeting - Cancelled
- I. January 12, 2021 at 4:00 p.m. - Board Meeting - Teleconference Only

VIII. ADJOURNMENT

**EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA**

EXECUTIVE ORDER N-29-20

WHEREAS on March 4, 2020, I proclaimed a State of Emergency to exist in California as a result of the threat of COVID-19; and

WHEREAS despite sustained efforts, the virus continues to spread and is impacting nearly all sectors of California; and

WHEREAS the threat of COVID-19 has resulted in serious and ongoing economic harms, in particular to some of the most vulnerable Californians; and

WHEREAS time bound eligibility redeterminations are required for Medi-Cal, CalFresh, CalWORKs, Cash Assistance Program for Immigrants, California Food Assistance Program, and In Home Supportive Services beneficiaries to continue their benefits, in accordance with processes established by the Department of Social Services, the Department of Health Care Services, and the Federal Government; and

WHEREAS social distancing recommendations or Orders as well as a statewide imperative for critical employees to focus on health needs may prevent Medi-Cal, CalFresh, CalWORKs, Cash Assistance Program for Immigrants, California Food Assistance Program, and In Home Supportive Services beneficiaries from obtaining in-person eligibility redeterminations; and

WHEREAS under the provisions of Government Code section 8571, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay appropriate actions to prevent and mitigate the effects of the COVID-19 pandemic.

NOW, THEREFORE, I, GAVIN NEWSOM, Governor of the State of California, in accordance with the authority vested in me by the State Constitution and statutes of the State of California, and in particular, Government Code sections 8567 and 8571, do hereby issue the following order to become effective immediately:

IT IS HEREBY ORDERED THAT:

1. As to individuals currently eligible for benefits under Medi-Cal, CalFresh, CalWORKs, the Cash Assistance Program for Immigrants, the California Food Assistance Program, or In Home Supportive Services benefits, and to the extent necessary to allow such individuals to maintain eligibility for such benefits, any state law, including but not limited to California Code of Regulations, Title 22, section 50189(a) and Welfare and Institutions Code sections 18940 and 11265, that would require redetermination of such benefits is suspended for a period of 90 days from the date of this Order. This Order shall be construed to be consistent with applicable federal laws, including but not limited to Code of Federal Regulations, Title 42, section 435.912, subdivision (e), as interpreted by the Centers for Medicare and Medicaid Services (in guidance issued on January 30, 2018) to permit the extension of

otherwise-applicable Medicaid time limits in emergency situations.

2. Through June 17, 2020, any month or partial month in which California Work Opportunity and Responsibility to Kids (CalWORKs) aid or services are received pursuant to Welfare and Institutions Code Section 11200 et seq. shall not be counted for purposes of the 48-month time limit set forth in Welfare and Institutions Code Section 11454. Any waiver of this time limit shall not be applied if it will exceed the federal time limits set forth in Code of Federal Regulations, Title 45, section 264.1.
3. Paragraph 11 of Executive Order N-25-20 (March 12, 2020) is withdrawn and superseded by the following text:

Notwithstanding any other provision of state or local law (including, but not limited to, the Bagley-Keene Act or the Brown Act), and subject to the notice and accessibility requirements set forth below, a local legislative body or state body is authorized to hold public meetings via teleconferencing and to make public meetings accessible telephonically or otherwise electronically to all members of the public seeking to observe and to address the local legislative body or state body. All requirements in both the Bagley-Keene Act and the Brown Act expressly or impliedly requiring the physical presence of members, the clerk or other personnel of the body, or of the public as a condition of participation in or quorum for a public meeting are hereby waived.

In particular, any otherwise-applicable requirements that

- (i) state and local bodies notice each teleconference location from which a member will be participating in a public meeting;
- (ii) each teleconference location be accessible to the public;
- (iii) members of the public may address the body at each teleconference conference location;
- (iv) state and local bodies post agendas at all teleconference locations;
- (v) at least one member of the state body be physically present at the location specified in the notice of the meeting; and
- (vi) during teleconference meetings, at least a quorum of the members of the local body participate from locations within the boundaries of the territory over which the local body exercises jurisdiction

are hereby suspended.

A local legislative body or state body that holds a meeting via teleconferencing and allows members of the public to observe and address the meeting telephonically or otherwise electronically, consistent with the notice and accessibility requirements set forth below, shall have satisfied any requirement that the body allow

members of the public to attend the meeting and offer public comment. Such a body need not make available any physical location from which members of the public may observe the meeting and offer public comment.

Accessibility Requirements: If a local legislative body or state body holds a meeting via teleconferencing and allows members of the public to observe and address the meeting telephonically or otherwise electronically, the body shall also:

- (i) Implement a procedure for receiving and swiftly resolving requests for reasonable modification or accommodation from individuals with disabilities, consistent with the Americans with Disabilities Act and resolving any doubt whatsoever in favor of accessibility; and
- (ii) Advertise that procedure each time notice is given of the means by which members of the public may observe the meeting and offer public comment, pursuant to subparagraph (ii) of the Notice Requirements below.

Notice Requirements: Except to the extent this Order expressly provides otherwise, each local legislative body and state body shall:

- (i) Give advance notice of the time of, and post the agenda for, each public meeting according to the timeframes otherwise prescribed by the Bagley-Keene Act or the Brown Act, and using the means otherwise prescribed by the Bagley-Keene Act or the Brown Act, as applicable; and
- (ii) In each instance in which notice of the time of the meeting is otherwise given or the agenda for the meeting is otherwise posted, also give notice of the means by which members of the public may observe the meeting and offer public comment. As to any instance in which there is a change in such means of public observation and comment, or any instance prior to the issuance of this Order in which the time of the meeting has been noticed or the agenda for the meeting has been posted without also including notice of such means, a body may satisfy this requirement by advertising such means using "the most rapid means of communication available at the time" within the meaning of Government Code, section 54954, subdivision (e); this shall include, but need not be limited to, posting such means on the body's Internet website.

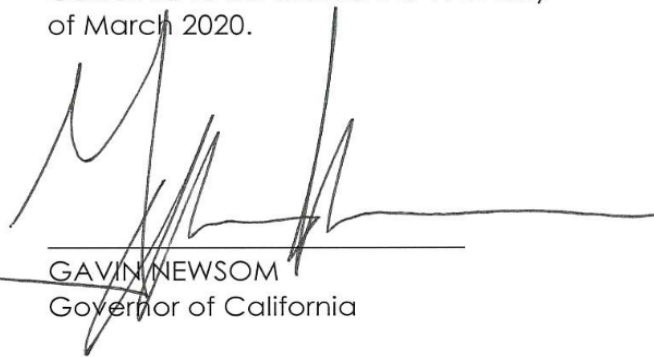
All of the foregoing provisions concerning the conduct of public meetings shall apply only during the period in which state or local public health officials have imposed or recommended social distancing measures.

All state and local bodies are urged to use sound discretion and to make reasonable efforts to adhere as closely as reasonably possible to the provisions of the Bagley-Keene Act and the Brown Act, and other applicable local laws regulating the conduct of public meetings, in order to maximize transparency and provide the public access to their meetings.

IT IS FURTHER ORDERED that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given of this Order.

This Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 17th day of March 2020.



GAVIN NEWSOM
Governor of California

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: November 10, 2020

Prepared By: Madeline Blua, Water Resource Specialist
Jennifer Ares, Water Resource Manager

Subject: Overview of the El Dorado Fire Resource Fair

Recommendation: Staff Presentation – No Action Required

On October 27, 2020, the District staff participated in the El Dorado Fire Resource Fair to provide support and assistance to residents in Oak Glen that were affected by the El Dorado Fire. The Yucaipa Valley Water District provided residents with empty sandbags, information on our Recycled Fill Station Program, and water quality analysis kits for domestic well users. Other agencies at the event provided sandbags, seeds to replant burned areas, and information to help residents prepare for flooding and mudslides. With more than 70 residents participating in the fair it was a great opportunity for District staff to interact with the public.



EL DORADO FIRE RESOURCE FAIR

Post-Fire Support

Meet with agency representatives to learn more about post-fire recovery and how to prepare for winter weather

Meet with representatives from the following organizations:

- Inland Empire Resource Conservation District
- San Bernardino Valley Municipal Water District
- Yucaipa Valley Water District
- Third District Supervisor Rowe's Office
- San Bernardino County Flood Control
- Natural Resources Conservation Service
- NOAA – National Weather Service
- UCCE Master Gardeners
- Caltrans District 8

**FREE
SANDBAGS
AVAILABLE
FOR
PICKUP!**



**Tuesday, October 27th
1:00 PM to 6:00 PM
Pilgrim Pines Camp,
39570 Glen Road, Yucaipa
CA 92399**



Sponsored by Inland Empire Resource Conservation District, San Bernardino Valley Municipal Water District, and Yucaipa Valley Water District



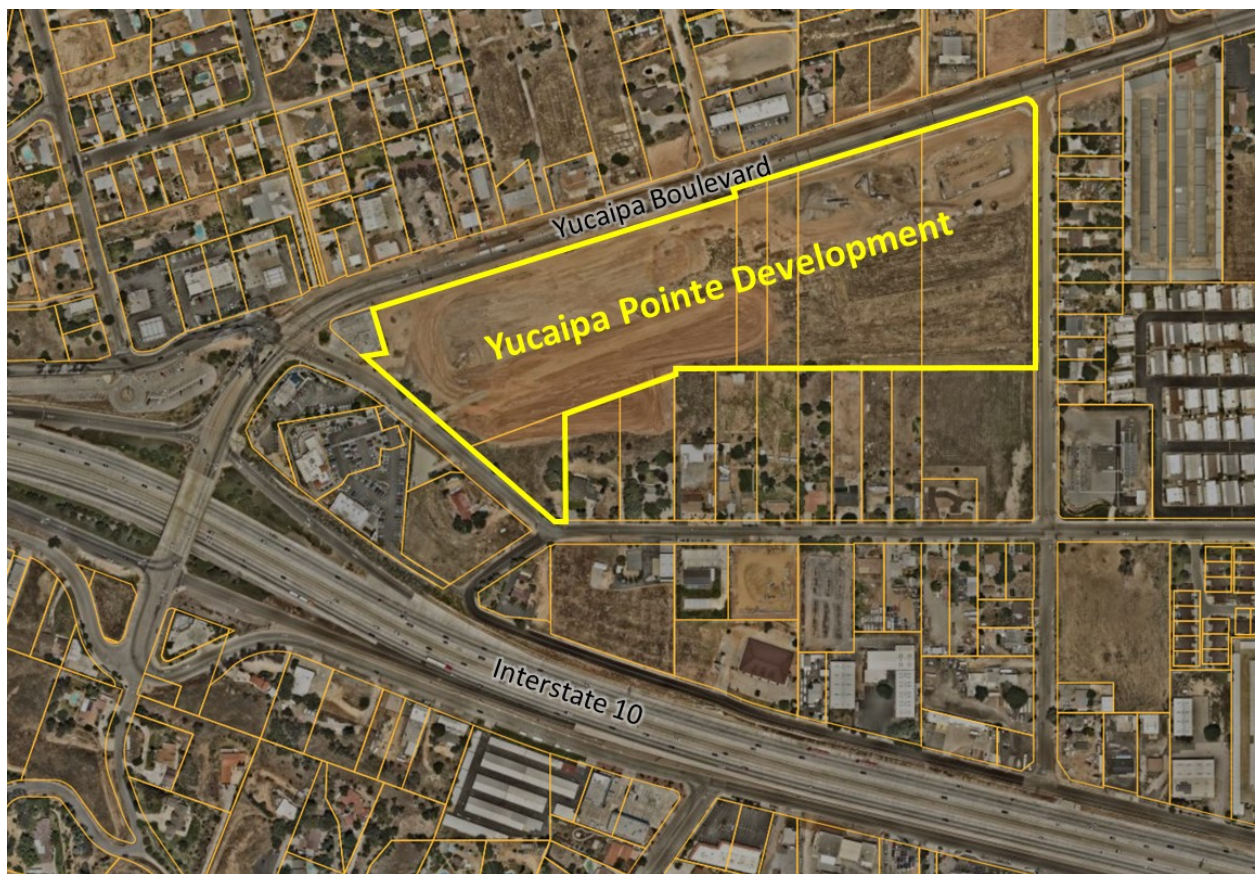
Date: November 10, 2020

Prepared By: Dustin Hochreiter, Senior Engineering Technician

Subject: Consideration of Development Agreement No. 2020-07 for the Yucaipa Pointe Commercial Development on Yucaipa Boulevard between Avenue E and 18th Street, Yucaipa

Recommendation: That the Board authorize the Board President to execute Development Agreement No. 2020-07.

The District staff has been coordinating and preparing to provide sewer service to the Yucaipa Pointe commercial development located on Yucaipa Boulevard with VantageOne Real Estate Investments III, LLC. The Yucaipa Pointe Development consists of a about 18 acres on Yucaipa Boulevard between Avenue e and 18th Street.



**AGREEMENT TO PROVIDE SEWER SERVICE TO THE
 YUCAIPA POINTE DEVELOPMENT AS ASSESSOR PARCEL
 NUMBERS: 0300-191-01; 0300-191-02; 0300-191-17; 0300-191-18;
 0300-191-28; AND 0300-191-29 IN THE CITY OF YUCAIPA,
 COUNTY OF SAN BERNARDINO**

This Agreement is made and effective this 10th day of November 2020, by and between the Yucaipa Valley Water District, a public agency ("District") and VantageOne Real Estate Investments III, LLC ("Developer"). Each is sometimes referred to herein as a "Party" and jointly as the "Parties".

Elements Project	Task
59	90294

For contractual issues, the Parties are represented by the following responsible individuals authorized to execute this Agreement:

District	Developer
Yucaipa Valley Water District 12770 Second Street Post Office Box 730 Yucaipa, California 92399 Attention: Joseph Zoba, General Manager Telephone: (909) 797-5119 x2 Email: jzoba@yvwd.us	VantageOne Real Estate Investments III, LLC. 4 Corporate Plaza, Suite 210 Newport Beach, CA 92660 Attention: Greg Lukosky Telephone: (949) 631-6620 Email: greg@v1invest.com

The Developer has represented to the District that they are the owner of the following parcel(s) which is/are the subject of this Agreement and described herein as the "Property":

Property Reference	City / County
Assessor Parcel Numbers: 0300-191-01; 0300-191-02; 0300-191-17; 0300-191-18; 0300-191-28; and 0300-191-29	City of Yucaipa / San Bernardino County

RECITALS

WHEREAS, the Developer desires to develop its Property to be situated within the service area of the District as shown on Exhibit A attached hereto; and

WHEREAS, the Developer has provided plans, drawings, and/or concepts to the District to construct the proposed "Project" as shown on Exhibit A attached hereto; and

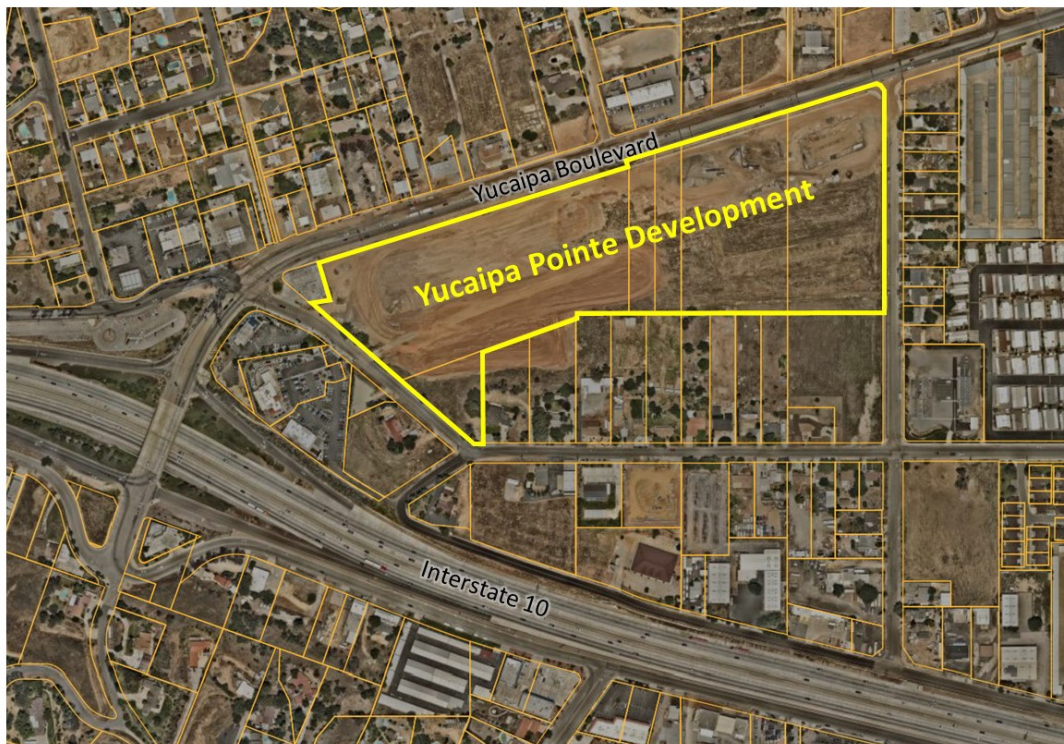
WHEREAS, the Developer desires to obtain sewer service from the District for the Project in accordance with the current Rules, Regulations, and Policies of the District; and General Construction Conditions as provided in Exhibit B attached hereto; and

WHEREAS, it is the purpose of this Agreement to set forth the terms and conditions by which the District will provide service to the Project.

AGREEMENT

NOW, THEREFORE, in consideration of the mutual promises and covenants contained herein, the Developer and the District agree as follows:

- A. **Project Overview.** The Yucaipa Pointe Development consists of a gross land area of 18.541 acres at the northeast corner of Yucaipa Boulevard and 18th Street Yucaipa (the "Property"). The commercial development (the "Project") will receive sewer service from the Yucaipa Valley Water District. The Yucaipa Valley Water District has been involved in the review process for this project and has established the following development related project files: Elements SO 00015032.



- B. **Project Specific Conditions.** In addition to the General Construction Conditions attached hereto as Exhibit B, the following conditions, being contained herein, are hereby required by the District for the Developer to receive service for the Project.

Yucaipa Valley Water District
Development Agreement No. 2020-07
Page 3 of 16

1. Project Specific Drinking Water Conditions: The Project is within the service area of Western Heights Water Company, thus will not be served drinking water by the District.
2. Project Specific Recycled Water Conditions: The Project is within the service area of Western Heights Water Company, thus will not be served recycled water by the District.
3. Project Specific Sewer Conditions: The Project will receive sewer service from the District. The Developer shall design and construct, at its sole cost and expense, on-site and off-site sewer infrastructure ("Facilities") pursuant to District approved plans and requirements.
 - a. The District has identified sewer mainline deficiencies downstream of the Project within the City of Yucaipa. To secure the appropriate funding for the upgrade of these sewer mainline facilities, the Developer shall pay to the District a fee of \$1,500 per Equivalent Dwelling Unit for the construction of the upgraded sewer mainline facilities. This fee shall be paid prior to the issuance of building permits.
4. Project Specific Stormwater Conditions. The City of Yucaipa and/or the County of San Bernardino will retain responsibility and authority for stormwater related to the Project. The Developer shall provide, at its sole cost and expense, approved plans, specifications, and construction drawings to the District for review and identification of onsite stormwater collection facilities and retention basins and the District will review such plans, specifications and drawings to ensure that the Facilities will not interfere with existing District infrastructure and/or the stormwater facilities.
5. Project Specific Conditions. The Developer, at its sole cost and expense, shall design and construct all Facilities and related appurtenances pursuant to the District approved plans and construction drawings to serve the Project.
 - a. The Developer shall properly abandon any existing underground facilities not currently in use or planned to not be used pursuant to District direction at the time of construction that might interfere or impact service to the Project. This includes but is not limited to septic systems, pipelines, conduits, irrigation piping, etc.
 - b. The District will not provide sewer service to the Project until the necessary infrastructure is completed and accepted by the District to provide service to the project.
 - c. Project phases and development of each parcel will be communicated in writing with the District staff prior to construction.
 - d. The Developer shall provide electronic design drawings of parcels and infrastructure in native AutoCAD file formats consistent with existing District enterprise systems prior to the start of construction and prior to receiving occupancy for any portion of the Project.

- e. Facilities located in easements shall be protected pursuant to District requirements.
6. Rates, Fees and Charges. The most current rates, fees and charges will be payable pursuant to the Resolution/Ordinance in effect at the time building permits are issued or renewed for each lot.
 7. Project Related Invoices. The Developer acknowledges and agrees that the District is authorized, from time-to-time, to reimburse itself from the funds on deposit for Project costs incurred and that the District will not release any structure for occupancy unless there is a minimum balance of \$3,000 in the Project Cash Account. Excess funds deposited for this Project shall not be refunded until the proposed Project is fully complete and approved by the District.
 8. Ownership; Operation and Maintenance. Once constructed and accepted by the District, title to the Facilities (excluding private, on-site Facilities) will be conveyed by the Developer to the District, and the District will operate and maintain the Facilities and provide service to the Developer's Property in accordance with the District's Rules, Regulations and Policies and the provisions of this Agreement.
 9. Easements, Dedications, and Recorded Documentation: All easements, dedications, and recorded documentation required by the District shall be provided by the Developer to the District prior to the release of occupancy of any structure within the Project.
 10. Annual Review of Construction Drawings. The District requires an annual review of approved construction drawings related to this Project. The District will not charge the Developer for the annual construction drawing review. However, the Developer will be required to update and resubmit construction drawings based on comments provided by the District at the sole cost and expense of the Developer prior to the start of construction.
 11. Amendment. This Agreement may be amended, from time-to-time, by mutual agreement, in writing signed by both Parties. The District and the Developer further agree that to the extent this Agreement does not address all aspects of the Developer's Property and/or Project, the Parties will meet and confer and negotiate in good faith and execute a written amendment or supplement to this Agreement.
 12. Assignment. This Agreement will not be assigned, whether in whole or in part by either Party.
 13. Construction and Interpretation. This Agreement has been arrived at through negotiations and each Party has had a full and fair opportunity to revise the terms of this Agreement. As a result, the normal rule of construction that any ambiguities are to be resolved against the drafting Party shall not apply in the construction or interpretation of this Agreement.
 14. Entire Agreement. This Agreement and the most recent Preliminary Project Service Evaluation constitutes the entire agreement of the Parties with respect to

the subject matter of this Agreement, specifically Tract No. 20130 and, except as expressly provided in this Agreement, supersedes any prior oral or written agreement, understanding, or representation relating to the subject matter of this Agreement.

- 15. Authority. Each signatory of this Agreement represents and warrants that s/he is authorized to execute this Agreement on behalf of the Party for which s/he signs. Each Party represents that it has legal authority to enter into this Agreement and to perform all obligations under this Agreement.

- 16. Term and Termination of Agreement. Unless extended by mutual agreement of the parties in writing, this Agreement shall terminate at 5:00 p.m., on the day before the sixth (6th) anniversary date of this Agreement; provided, however, that this Agreement shall automatically terminate, without further liability to either party, as follows:
 - a. Immediately, upon abandonment by the Developer of the Developer's Property and/or the work hereunder. "Abandonment" is defined as the act of bankruptcy or Developer's failure to improve the Property in a manner consistent with the proposed development plan within twelve months of the effective date of this Agreement; and/or

 - b. Within 45 days of the date of the issuance of a Notice of Default by the District to the Developer in the event, the Developer fails or refuses to perform, keep or observe any of the terms, conditions or covenants set forth in this Agreement.

IN WITNESS WHEREOF, the parties have executed is Agreement to be effective on the day and year first above written.

YUCAIPA VALLEY WATER DISTRICT

Dated: _____ By: _____
Chris Mann, Board President

DEVELOPER

Dated: _____ By: _____
Greg Lukosky

Yucaipa Valley Water District
Development Agreement No. 2020-07
Page 6 of 16

Attachments	Status
Exhibit A - Proposed Development Concept	Included
Exhibit B - General Construction Conditions	Included

Yucaipa Valley Water District
Development Agreement No. 2020-07
Page 7 of 16

Exhibit A - Proposed Development Concept

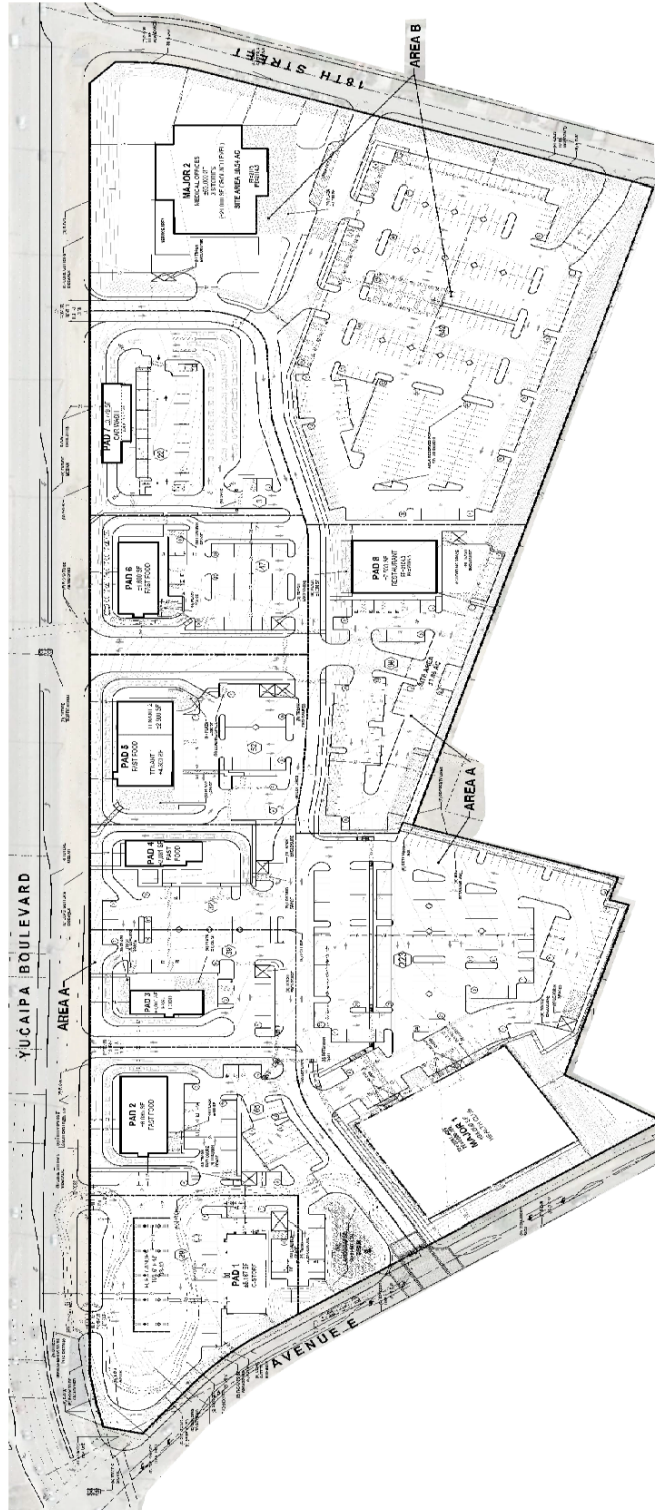


Exhibit B General Construction Conditions

DESIGN AND CONSTRUCTION

- A. Licensed Professionals. All work, labor and services performed and provided in connection with, for example, the preparation of surveys and descriptions of real property and rights-of-way, the preparation of construction specifications, plans and drawings, and the construction of all Facilities shall be performed by or under the direction of professionals appropriately licensed by the State of California and in good standing.
- B. Plan Acceptance; Facility Acceptance. Upon its final review and approval of the plans and specifications ("Plans"), the District shall sign the construction drawings ("Approved Plans") indicating such approval ("Plan Acceptance"). Plans are subject to an annual review by the District and modifications will be required by the District to conform to revised construction standards and policies as part of the Plan Acceptance. The Developer shall update and resubmit the Plans for final approval by the District.
1. The Developer shall not permit, or suffer to permit, the construction of any Facility without having first obtained Plan Acceptance or completed modifications required by annual updates. In the event the Developer fails or refuses to obtain the District's Plan Acceptance, the District may refuse, in its sole discretion and without liability to the Developer, to issue its Facility Acceptance (as that term is defined below) as to such Facility when completed.
 2. The Developer shall not deviate from any Approved Plans and/or specifications without the District's prior written approval.
- C. Facility Inspection. All construction work shall be inspected on a timely basis by District personnel and/or by District's consultants at the sole cost of the Developer. The Developer acknowledges that the inspector(s) shall have the authority to require that any and all unacceptable materials, workmanship, construction and/or installation not in conformance with either (i) the Approved Plans, or (ii) standard practices, qualities and standards in the industry, as reasonably determined by the District, shall be replaced, repaired or corrected at Developer's sole cost and expense.
1. In the event the Developer's contractor proposes to work overtime and beyond normal business hours, the Developer shall obtain the District's approval at least 24 hours in advance so that inspection services may be appropriately scheduled. The Developer shall be solely responsible for paying all costs and expenses associated with such inspection services.
 2. The District shall promptly upon request of Developer cause the final inspection of a Facility which Developer indicates is completed. If the District finds such Facilities to have been completed in conformance with the Approved Plans for which a Plan Acceptance has been issued, then the District shall issue to Developer its letter ("Facility Acceptance") indicating satisfactory completion of the Facility and District's acceptance thereof. Neither inspection nor issuance of the Facility Acceptance shall constitute a waiver by District of any claims it might have

against Developer for any defects in the work performed, the materials provided, or the Facility constructed arising during the one-year warranty period.

- D. Project Coordination and Designation of Developer's Representative. The Developer shall be solely responsible for coordinating the provision of all work, labor, material, and services associated with the planning, design and construction of the Facilities required for the Project.
1. The Developer shall be solely responsible for compliance with all applicable federal, state, and local safety rules and regulations, and shall conduct periodic safety conferences as required by law and common sense.
 2. Prior to proceeding with any Facility construction, the Developer shall schedule and conduct a preconstruction conference with the District. In the event the Developer fails or refuses to conduct any such conference, the District may refuse, in its sole discretion, to accept the Facilities constructed by the Developer.
 3. The District and the Developer hereby designate the individual identified on page 1 of this Agreement as the person who shall have the authority to represent the District and Developer in matters concerning this Agreement. In order to ensure maximum continuity and coordination, the District and Developer agree not to arbitrarily remove or replace the authorized representative, but in the event of a substitution, the substituting Party shall promptly advise the other Party of such substitution, in writing.
- E. District's Right to Complete Facilities. The District is hereby granted the unqualified right to complete, construct or repair all or any portion of the water and/or sewer Facilities, at Developer's sole cost and expense in the event there is a threat to the public's health, safety or welfare.
- F. Construction of Connections to District Facilities. Unless otherwise agreed to in writing by the District, the District shall furnish all labor, materials, and equipment necessary to construct and install connections between the Developer's Facilities and the District's water, recycled water, and sewer systems. All customary and reasonable costs and expenses associated therewith shall be paid by the Developer.
- G. Compliance with Law and District Regulations. The Developer hereby agrees that all Facilities shall be planned, designed, and constructed in accordance with all applicable laws, and the District's Rules, Regulations and Policies in effect at the time of construction. The Developer shall keep fully informed of and obey all laws, rules, and regulations, and shall indemnify the District against any liability arising from Developer's violation of any such law, rule, or regulation.
- H. Developer's Warranties. The Developer shall unconditionally guaranty, for a period of one year following the District's Facility Acceptance thereof, any and all materials and workmanship, at the Developer's sole cost and expense. The provision of temporary water service through any of the Developer's Facilities, prior to District's acceptance of same, shall not nullify nor diminish the Developer's warranty obligation, nor shall the Developer's warranty obligation be voided if the District determines, in its sole discretion, to make any emergency repairs necessary to protect the public's health, safety or welfare or to ensure

continuity of water or sewer service. The District shall notify Developer of such emergency repairs.

- I. Testing and Disinfection. Upon approval by the District, the Developer, at its sole cost and expense, shall undertake and satisfactorily complete a testing program, including without limitation, compaction, cleaning, video and air testing, and pressurized and disinfection testing (drinking water Facilities), for all Facilities prior to acceptance by the District.
- J. Bond Requirements. The Developer shall provide to the District, in a form satisfactory to the District, the following bonds for infrastructure constructed in public right of way unless waived in writing by the General Manager:
 1. Performance and Warranty Bond. A performance bond issued by a corporate surety or sureties licensed and permitted to do business by and within the State of California in an amount representing not less than one hundred percent (100%) of any and all construction work to be conducted or performed under this Agreement. A warranty bond issued by a corporate surety or sureties licensed and permitted to do business by and within the State of California in an amount representing not less than fifty percent (50%) of the total cost of any and all construction performed hereunder, insuring against any and all defects in the Facilities constructed hereunder, for a period of not less than one full year after the date of acceptance thereof by the District.
 2. Labor and Materials Payment Bond. A labor and materials payment bond issued by a corporate surety or sureties licensed and permitted to do business by and within the State of California in an amount representing not less than one hundred percent (100%) of the total cost of any and all construction performed hereunder per California Civil Code Sections 9550 and following.
 3. Miscellaneous Bond Requirements. All bonds required by this section are subject to the approval as to form and content by the General Manager and District's Legal Counsel. All bonds required by this section shall be provided by a surety that is an "admitted" surety insurer authorized to transact surety insurance in California, with assets exceeding its liabilities in the amount equal to or in excess of the amount of the bonds, and each bond shall not be in excess of ten percent (10%) of the surety insurer's assets. The bond shall be duly executed and shall meet all of the requirements of Section 995.660 of the Code of Civil Procedure.
- K. Title to Facilities and Right-of-Way. Provided that the Developer's Facilities are designed and constructed as required hereunder and the District proposes to issue its Facility Acceptance, the Developer shall, concurrently with the District's Facility Acceptance, convey ownership title to all Facilities (and right-of-way, if applicable) to the District, free and clear of any and all liens and encumbrances except those that are expressly agreed to by the District. The District may require fee title or an easement, depending upon the location of the Facility through action by the Board of Directors. Upon conveyance and acceptance of the facilities, the District shall assume the responsibility of operating and maintaining the facilities, subject to the Developer's warranty as provided herein. The Developer acknowledges and agrees that the District shall not be obligated to operate and maintain the Facilities and to provide service to and through them until all applicable

conditions imposed by this Agreement hereunder are satisfied and title to the Facilities has been conveyed and delivered to the District in recordable form.

- L. Risk of Loss. Until such time as acceptance thereof by the District, and until good and marketable title to the easements, rights-of-way and Facilities are conveyed and delivered to the District in recordable form, the Developer shall be solely and completely responsible for any and all losses and/or damage of every kind or nature to the easements, rights-of-way and Facilities. In the event Developer believes the loss and/or damages arose from or are related to acts performed by the District, this provision does not preclude Developer's insurance carrier from seeking indemnity and/or reimbursement from the District.
- M. Conditions Precedent to the Provision of Water and Sewer Service. Unless the District otherwise agrees in writing, the District shall not be obligated to provide any sewer service to the Developer's Property or any part thereof, including model homes, until Facility Acceptance by the District and Developer conveys to the District the right-of-way and Facilities associated with the requested service. Upon acceptance of the right-of-way and appurtenant Facilities, the District shall provide the service requested and assume the responsibility for operating and maintaining the affected Facilities. Service provided by the District shall be in accordance with its Rules, Regulations and Policies and shall be comparable in quality of service to that provided all similarly situated customers.

FEES AND CREDITS

- N. Developer Fees, Charges, Costs and Expenses. The Developer shall be solely responsible for the payment to the District of all fees, charges, costs, and expenses related to this Project.
- O. Developer Cash Account Deposit. The Developer acknowledges and hereby agrees that the District is authorized, from time-to-time, to reimburse itself from the funds on deposit for Project costs incurred.
1. The Developer shall provide the initial deposit to the District, and maintain the minimum balance in the Cash Account for the Project as provided below:
 - a. An initial deposit of \$2,500 and a minimum balance of \$1,000 for a Project that involves the construction of 1 to 2 proposed structures;
 - b. An initial deposit of \$5,000 and a minimum balance of \$2,000 for a Project that involves the construction of 3 to 5 proposed structures;
 - c. An initial deposit of \$10,000 and a minimum balance of \$3,000 for a Project that involves the construction of 6 to 20 proposed structures;
 - d. An initial deposit of \$25,000 and a minimum balance of \$5,000 for all other Projects.
 2. Twenty-five percent (25%) of the initial deposit shall be received by the District within twenty (20) business days following the District's approval of this Agreement

and the remaining seventy five percent (75%) shall be received with the first submittal of grading or water/sewer design drawings.

3. The District shall provide a monthly accounting of how funds were disbursed and the amount of funds remaining.
 4. The Developer agrees to deposit funds with the District within 30 calendar days upon the date an invoice is issued by the District or a Notice of Default will be issued by the District.
 5. The District will not release any structure for occupancy unless the minimum balance is available to the District in the Project Cash Account.
 6. Unexpended funds in the Project Cash Account will only be released upon completion of the Project or termination of this Agreement, then such funds shall be reimbursed to the Developer within 90 days.
- P. Current Fees and Charges. In the event of a change in the District's schedule of fees and charges, such change shall automatically be incorporated into this Agreement as though set forth in full. Unless otherwise agreed to in writing by the District, the Developer shall pay, when due, the then-current amount of the applicable fee or charge.
- Q. District Financial Participation; Credits. The District may agree to participate in certain Facilities for this Project. Any participation or financial contribution to construct the sewer infrastructure associated with this Project is identified in the Special Conditions at the beginning of the Agreement.

PERMITS AND DOCUMENTATION

- R. Permits, Licenses and CEQA Documentation. The Developer shall be solely responsible for securing and paying for all permits and licenses necessary to develop its project. The Developer shall be solely responsible for complying with the California Environmental Quality Act under the auspices of the City and/or County within which the Property is situated. However, upon request, the Developer shall furnish to the District all relevant environmental documentation and information.
1. The Developer, at its sole cost and expense, shall be solely responsible for defending against any and all legal challenges, including but not limited to permits, licenses and CEQA documentation.
- S. Documents Furnished by the Developer. The Developer shall furnish to the District documentation as required by the District specified below, within the time periods specified. Each and every document submittal shall consist of a fully executed original or certified copy (in recordable form, if applicable) and two copies.

Document(s)	Due Date
Certification of Streets to Rough Grade	Prior to Construction
City/County Encroachment Permits and Conditions	Prior to Construction
Field Engineering Surveys ("Cut Sheets")	Prior to Construction
Grant of Easements and Rights-of-Way	Prior to Construction
Labor and Materials Bond	Prior to Construction
Liability Insurance Certificate(s)	Prior to Construction
Performance Bond	Prior to Construction
Soil Compaction Tests	Prior to Acceptance
Warranty Bond	Prior to Acceptance
List of Approved Street Addresses and Assessor Parcel Numbers	Prior to Setting Meter
Notice of High/Low Water Pressure	Prior to Setting Meter
Notice of Water Pumping Facility	Prior to Construction
Mechanic's Lien Releases	Upon Request of District

NOTE: The DEVELOPER hereby acknowledges and agrees that the foregoing list is not intended to be exclusive; therefore, the DISTRICT reserves the right to request, from time-to-time, additional documents, or documentation.

INSURANCE AND INDEMNIFICATION

T. Indemnification and Hold Harmless. The Developer and the District agree that the District should, to the extent permitted by law, be fully protected from any loss, injury, damage, claim, lawsuit, cost, expense, attorneys' fees, litigation costs, defense costs, court costs or any other costs arising out of or in any way related to the performance by Developer of this Agreement. Accordingly, the provisions of this indemnity provision are intended by the Parties to be interpreted and construed to provide the fullest protection possible under the law to the District, except for liability attributable to the District's intentional and/or negligent acts. Developer acknowledges that the District would not enter into this Agreement in the absence of this commitment from the Developer to indemnify and protect the District as set forth here.

Therefore, the Developer shall defend, indemnify and hold harmless the District, its employees, agents and officials, from any liability, claims, suits, actions, arbitration proceedings, administrative proceedings, regulatory proceedings, losses, expenses or costs of any kind, whether actual, alleged or threatened, actual attorneys' fees incurred by the District, court costs, interest, defense costs including expert witness fees and any other costs or expenses of any kind whatsoever without restriction or limitation incurred in relation to, as a consequence of or arising out of or in any way attributable actually, allegedly or impliedly, in whole or in part in the performance by Developer of this Agreement. All obligations under this provision are to be paid by the Developer as incurred by the District. Notwithstanding the foregoing, the Developer shall have no obligation to defend, indemnify or hold harmless the District, its employees, agents or officials from any liability arising, in whole or in part, from the District's intentional and/or negligent acts.

U. Insurance. The Developer agrees to provide insurance in accordance with the requirements set forth here throughout the term of this Agreement. If the Developer uses existing coverage to comply with these requirements and that coverage does not meet the

requirements set forth herein, the Developer agrees to amend, supplement, or endorse the existing coverage to do so. The following coverages will be provided by the Developer and maintained on behalf of the District and in accordance with the requirements set forth herein.

1. Commercial General Liability Insurance (Primary) shall be provided on ISO-CGL Form No. CG 00 01 10 93. Policy limits shall be no less than \$1,000,000 per occurrence for all coverages and \$2,000,000 general aggregate. The District and its officials, employees and agents shall be added as additional insureds using ISO Form CG 20 10 10 93. Coverage shall apply on a primary non-contributing basis in relation to any other insurance or self-insurance, primary or excess, available to the District or any employee or agent of the District. Coverage shall not be limited to the vicarious liability or supervisory role of any additional insured. Coverage shall contain no contractors' limitation endorsement. There shall be no endorsement or modification limiting the scope of coverage for liability arising from explosion, collapse, or underground property damage.
2. Umbrella Liability Insurance (over Primary) shall apply to bodily injury/property damage, personal injury/advertising injury, including defense cost outside the limits. A minimum and shall include a "drop down" provision providing primary coverage above a maximum \$25,000 self-insured retention for liability not covered by primary policies but covered by the umbrella policy. Coverage shall be following form to any underlying coverage. Coverage shall be provided on a "pay on behalf" basis, with defense costs payable in addition to policy limits. There shall be no cross-liability exclusion and no contractor's limitation endorsement. Policy limits shall be not less than \$1,000,000 per occurrence and \$1,000,000 in the aggregate, above any limits required in the underlying policies. The policy shall have starting and ending dates concurrent with the underlying coverages.
3. Workers' Compensation/Employer's Liability shall provide workers' compensation statutory benefits as required by law. Employer's liability limits shall be no less than \$1,000,000 per accident or disease. Employer's liability coverage shall be scheduled under any umbrella policy described above. Unless otherwise agreed, this policy shall be endorsed to waive any right of subrogation as respects the District, its employees, or agents.
4. The Developer and the District further agree as follows:
 - a. All insurance coverage provided pursuant to this Agreement shall not prohibit the Developer, and the Developer's employees or agents, from waiving the right of subrogation prior to a loss. The Developer waives its right of subrogation against the District.
 - b. Unless otherwise approved by the District in writing, the Developer's insurance shall be written by insurers authorized to do business in the State of California and with a minimum "Best's" Insurance Guide rating of "A:VII". Self-insurance will not be considered to comply with these insurance specifications.

- c. The Developer agrees to provide evidence of the insurance required herein, satisfactory to the District, consisting of certificate(s) of insurance evidencing all of the coverages required and an additional insured endorsement to the Developer's general liability and umbrella liability policies. Certificate(s) are to reflect that the insurer will provide 30 days' notice of any cancellation of coverage. The Developer agrees to require its insurer to modify such certificate(s) to delete any exculpatory wording stating that failure of the insurer to mail written notice of cancellation imposes no obligation, and to delete the word "endeavor" with regard to any notice provisions. The Developer agrees to provide complete certified copies of policies to the District within 10 days of the District's request for such copies.
- d. In the event of any loss that is not insured due to the failure of the Developer to comply with these requirements, the Developer agrees to be responsible for any all losses, claims, suits, damages, defense obligations and liability of any kind attributed to the District, or the District's officials, employees and agents as a result of such failure.
- e. The Developer agrees not to attempt to avoid its defense and indemnity obligations to the District and its employees, agents, and officials by using as defense the Developer's statutory immunity under workers' compensation and similar statutes.

MISCELLANEOUS PROVISIONS

- V. Status of the Parties. This Agreement is not intended to create, and nothing herein contained shall be construed to create, an association, a trust, a joint venture, a partnership or other entity of any kind, or to constitute either party as the agent, employee or partner of the other.
- W. Force Majeure. If either the District or the Developer is delayed, hindered or prevented from performing any term of this Agreement by any cause beyond either party's control including, without limitation, any strike, walkout, prohibitions imposed by law, rules or regulations, riot, war, an act of God or the default of the other party, then such performance may be excused or the time of performance tolled during the period of delay.
- X. Incorporation of Prior Agreements. This Agreement contains all of the agreements of the parties with respect to any matter covered or mentioned in this Agreement, and no prior agreement or understanding pertaining to any such matter shall be effective for any purpose.
- Y. Waiver. No waiver by either Party of any provisions of this Agreement shall be deemed to be a waiver of any other provision hereof or of any subsequent breach by either Party of the same or any other provisions.
- Z. Severance. If any provision of this Agreement is determined to be void by any court of competent jurisdiction then such determination shall not affect any other provision of this Agreement provided that the purpose of this Agreement is not frustrated.

- AA. Disclaimer. Utilizing fees and Facilities provided to the District by the Developer, the District will supply sewer collection and treatment services to the Developer's Property and Project, however, the District shall not be obligated to utilize public funds to subsidize the Project.
- BB. Preparation of This Agreement. This Agreement shall not be construed against the Party preparing it but shall be construed as if both Parties prepared it.
- CC. Alternative Dispute Resolution. Any dispute as to the construction, interpretation or implementation of this Agreement, or any rights or obligations hereunder, shall be submitted to mediation. Unless the Parties enter into a written stipulation to the contrary, prior to the filing of any complaint to initiate legal action, all disputes shall first be submitted to non-binding mediation, conducted by the Judicial Arbitration and Mediation Services, Inc./Endispute, or its successor, or any other neutral, impartial mediation service that the Parties mutually agree upon in accordance with its rules for such mediation. Mediation fees shall be shared equally by the DEVELOPER and the DISTRICT.

END OF SECTION



Date: November 10, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Consideration of Releasing a Request for Proposals for the Demolition of Structures at 12806 2nd Street, 12816 2nd Street, 12834 2nd Street, and a Storage Facility on 2nd Street, Yucaipa

Recommendation: That the Board authorize the General Manager to release the Request for Proposals.

The Yucaipa Valley Water District recently acquired properties located at 12806 2nd Street, 12816 2nd Street, and 12834 2nd Street, Yucaipa. The District staff has cleared most of the property but recommends releasing the attached RFP to select a contractor to demolish the existing garage foundations, residential structures, vegetation, and other incidental structures on-site and to remove any remaining debris.



The District also owns property on 2nd Street south of Avenue E that has an old water storage reservoir that should be demolished so the District can prepare the property for other uses.



A draft Request for Proposal has been prepared for your review and consideration.



**Demolition of Structures Located at
Storage Structure on 2nd Street, Yucaipa
12806 2nd Street, Yucaipa,
12816 2nd Street, Yucaipa
12834 2nd 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:

John Wrobel, Public Works Manager
Phone: (909) 790-7597
Email: jwrobel@yvwd.us

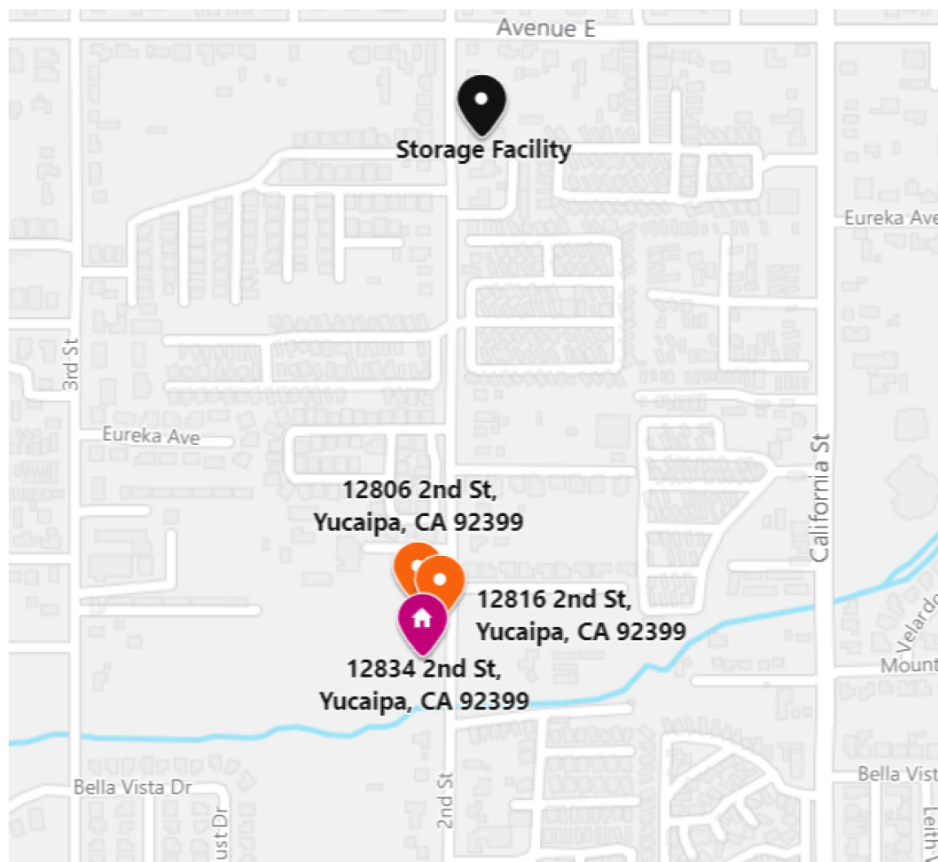
Matt Porras, Implementation Manager
Phone: (909) 790-3300
Email: mporras@yvwd.us

Table of Contents

Introduction	Page 3 of 70
Response Due Date	Page 4 of 70
Project Description	Page 4 of 70
General Obligations of Contractor	Page 5 of 70
Scope of Work and Requirements	Page 6 of 70
Appendix A - Standard Agreement	Page 12 of 70
Appendix B - Bid Proposal	Page 19 of 70
Appendix C - Additional Documentation	Page 21 of 70

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 2nd Street, Yucaipa (APN 0319-121-38); 12816 2nd Street, Yucaipa (APN 0319-121-39); and 12834 2nd Street, Yucaipa (APN 0319-121-63), and a steel storage facility with a concrete substructure located on 2nd 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 / Bid Opening Location: Yucaipa Valley Water District
Attn: Matt Porras, Implementation Mgr.
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 2nd 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 2nd Street (APN 0319-121-38), 12816 2nd Street (APN 0319-121-39), and 12834 2nd 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 or 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 promptly and effectively clean up such discharges, 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):
- **Distribution of Project Information: Wednesday, November 11, 2020.**
 - **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:

Yucaipa Valley Water District
Demolition of Residential Structures and Storage Facility

Page 12 of 97

John Wrobel, Public Works Manager
Phone: (909) 790-7597
Email: jwrobel@yvwd.us

or

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

APPENDIX A

Standard Agreement

Yucaipa Valley Water District
Demolition of Residential Structures and Storage Facility

Page 14 of 97

**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

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 21 of 97

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 checked carefully 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 2nd Street, Yucaipa (APN 0319-441-05),
12806 2nd Street, Yucaipa (APN 0319-121-38),
12816 2nd Street, Yucaipa (APN 0319-121-39), and
12834 2nd 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

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 23 of 97



Magnolia Environmental, LLC

Project:

Asbestos Survey Report

12806 2nd 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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 24 of 97

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

Page 2 of 27

TABLE OF CONTENTS

Introduction.....3

Purpose and Scope3

Methods.....4

 A. Asbestos4

Results.....5

 A. Asbestos5

Conclusion/Recommendations7

 A. Asbestos7

Appendices

Appendix A..... Asbestos Laboratory Analytical Results, Chain of Custody

Appendix B..... Site Photographs

Appendix C..... Site Map/Sketch

Appendix D..... Accreditations and Certification



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 25 of 97

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

Page 3 of 27

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 26 of 97

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

Page 4 of 27

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).



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

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

Page 5 of 27

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 ¹	Cond. ²	%ACM ³	# 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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

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

MTL #	Material Description	Sample Location	F/NF ¹	Cond. ²	%ACM ³	# 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

¹-F=Friable; NF= Non-Friable

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

³- <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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 29 of 97

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

Page 7 of 27

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 30 of 97

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

Page 8 of 27

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.



Andrea Pulsipher
Project Consultant
CAC No. 17-5929



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 31 of 97

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

Page 9 of 27

APPENDIX A

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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 32 of 97



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 S., 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
P-1	20:00816.01.A	20100816.01	No	None Detected
Location : Living Room				
Analyst Description / Color : Plaster w/ Skim Coat, Granular, Cementitious, Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose, 95% Non-Fibrous Material				
P-2	20:00816.02.A	20100816.02	No	None Detected
Location : Living Room				
Analyst Description / Color : Plaster w/ Skim Coat, Granular, Cementitious, Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose, 95% Non-Fibrous Material				
P-3	20:00816.03.A	20100816.03	No	None Detected
Location : Living Room				
Analyst Description / Color : Plaster w/ Skim Coat, Granular, Cementitious, Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 5% Cellulose, 95% Non-Fibrous Material				
GB-1	20:00816.04.A	20100816.04	No	None Detected
Location : Kitchen				
Analyst Description / Color : Drywall, Firm, Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 100% Non-Fibrous Material				
GB-2	20:00816.05.A	20100816.05	No	None Detected
Location : Side Room				
Analyst Description / Color : Drywall, Firm, Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 100% Non-Fibrous Material				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (CVES); therefore, results may not be reliable for samples of low asbestos concentration levels. In multi layer 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 33 of 97



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
Location : Laundry				
Analyst Description / Color : Drywall,Firm,Non-Homogenous/White				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
JC-1	20100816.07.A	20100816.07	No	None Detected
Location : Kitchen				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
JC-2	20100816.08.A	20100816.08	No	None Detected
Location : Bedroom				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
JC-3	20100816.09.A	20100816.09	No	None Detected
Location : Laundry				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose,50%Non-Fibrous Material,35%CaCo				
F-1	20100816.10.A	20100816.10	No	None Detected
Location : Kitchen				
Analyst Description / Color : Linoleum,Firm,Homogenous/Gray,Green				
Asbestos % Type : NON				
Other Material Type : ,65%Non-Fibrous Material,35%Binders / CaCO				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 34 of 97



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
F-1	20100816.10.B	20100816.10	No	None Detected
Location : Kitchen				
Analyst Description / Color : Adhesive,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,55%Non-Fibrous Material,45%Adhesive				
F-2	20100816.11.A	20100816.11	No	None Detected
Location : Kitchen				
Analyst Description / Color : Linoleum,Firm,Homogenous/Gray,Green				
Asbestos % Type : NON				
Other Material Type : ,55%Non-Fibrous Material,45%Binders / CaCO				
F-2	20100816.11.B	20100816.11	No	None Detected
Location : Kitchen				
Analyst Description / Color : Adhesive,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,55%Non-Fibrous Material,45%Adhesive				
F-3	20100816.12.A	20100816.12	No	None Detected
Location : Laundry				
Analyst Description / Color : Linoleum,Firm,Homogenous/Gray,Green				
Asbestos % Type : NON				
Other Material Type : ,55%Non-Fibrous Material,45%Binders / CaCO				
F-3	20100816.12.B	20100816.12	No	None Detected
Location : Laundry				
Analyst Description / Color : Adhesive,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 35 of 97



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
Location : Kitchen				
Analyst Description / Color : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose,60%Non-Fibrous Material				
F2-2	20100816.14.A	20100816.14	Yes	25% Chrysotile
Location : Kitchen				
Analyst Description / Color : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose,60%Non-Fibrous Material				
F2-2	20100816.14.B	20100816.14	No	None Detected
Location : Kitchen				
Analyst Description / Color : Adhesive,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
F2-3	20100816.15.A	20100816.15	Yes	25% Chrysotile
Location : Kitchen				
Analyst Description / Color : Vinyl & Fibrous Material,Fibrous,Firm,Homogenous/Beige				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose,60%Non-Fibrous Material				
F3-1	20100816.16.A	20100816.16	Yes	5% Chrysotile
Location : Kitchen				
Analyst Description / Color : Linoleum,Firm,Homogenous/Brown				
Asbestos % Type : Chrysotile				
Other Material Type : ,95%Non-Fibrous Material				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 36 of 97



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

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 37 of 97



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
F4-2	20100816.20.A	20100816.20	No	None Detected
Location : Bathroom				
Analyst Description / Color : Vinyl,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
F4-2	20100816.20.B	20100816.20	No	None Detected
Location : Bathroom				
Analyst Description / Color : Mastic,Firm,Homogenous/Brown				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
F4-3	20100816.21.A	20100816.21	No	None Detected
Location : Bathroom				
Analyst Description / Color : Vinyl,Firm,Homogenous/Tan				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
F4-3	20100816.21.B	20100816.21	No	None Detected
Location : Bathroom				
Analyst Description / Color : Mastic,Firm,Homogenous/Brown				
Asbestos % Type : NON				
Other Material Type : ,100%Non-Fibrous Material				
R-1	20100816.22.A	20100816.22	No	None Detected
Location : Roof				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 38 of 97



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
R-2	20100816.23.A	20100816.23	No	None Detected
Location : Roof				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				
R-3	20100816.24.A	20100816.24	No	None Detected
Location : Roof				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 35% Fiberglass,35% Cellulose,30%Non-Fibrous Material				
R2-1	20100816.25.A	20100816.25	No	None Detected
Location : Attached Shed				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black,White				
Asbestos % Type : NON				
Other Material Type : 45% Fiberglass,55%Non-Fibrous Material				
R2-2	20100816.26.A	20100816.26	No	None Detected
Location : Attached Shed				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black,White				
Asbestos % Type : NON				
Other Material Type : 45% Fiberglass,55%Non-Fibrous Material				
R2-3	20100816.27.A	20100816.27	No	None Detected
Location : Attached Shed				
Analyst Description / Color : Shingle ,Fibrous,Firm,Homogenous/Black,White				
Asbestos % Type : NON				
Other Material Type : 45% Fiberglass,55%Non-Fibrous Material				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 39 of 97



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

Daniel Wood
 Daniel Wood – Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 40 of 97



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
WP 3	20100816.33.A	20100816.33	No	None Detected
Location : Exterior Windows Analyst Description / Color : Window Putty,Soft,Homogenous/White Asbestos % Type : NON Other Material Type : ,100%Non-Fibrous Material				

Daniel Wood
 Daniel Wood - Analyst

Paola Ducoing
 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 Estimation (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 41 of 97

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	FIBERS V/N	TIME STAR	TIME STOP	FLOW STAR	FLOW 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	

* 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa


20100816



CHAIN OF CUSTODY
 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				
			COND	QTY	FRIABLE	TIME		FLOW		TOTAL
				SF/LF	Y/N	STAR	STOP	STAR	STOP	
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	Brick 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.

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 44 of 97

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

Page 22 of 27

APPENDIX B

SITE PHOTOGRAPHS



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

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



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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 46 of 97

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

Page 24 of 27

APPENDIX C
SITE MAPS/SKETCH

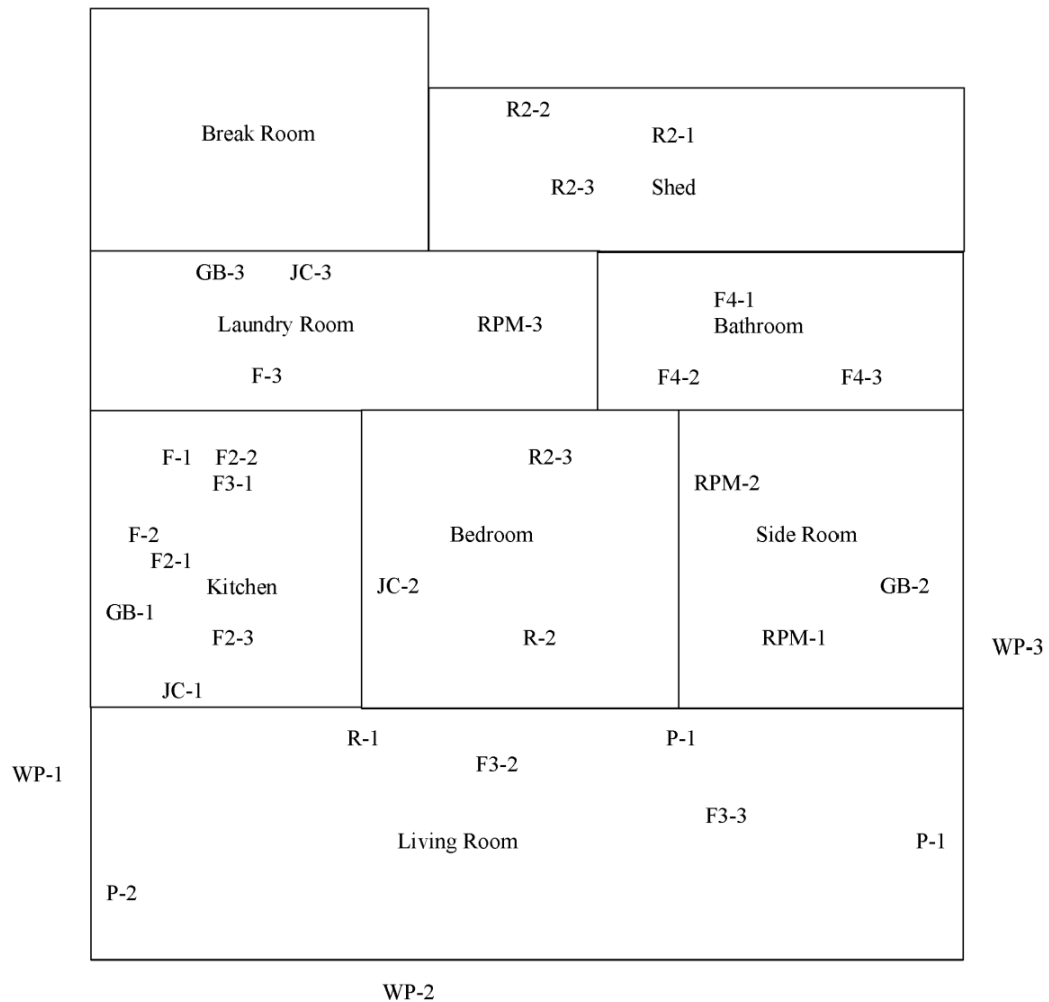


885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

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

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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 48 of 97

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

Page 26 of 27

APPENDIX D

ACCREDITATION AND CERTIFICATION



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 49 of 97



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

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 50 of 97

Page 2 of 21

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

TABLE OF CONTENTS

Introduction.....3

Purpose and Scope3

Methods.....4

 A. Asbestos4

Results.....5

 A. Asbestos5

Recommendations.....6

 A. Asbestos6

Appendices

Appendix A..... Asbestos Laboratory Analytical Results, Chain of Custody

Appendix B Site Photographs

Appendix C Site Map/Sketch

Appendix D..... Accreditations and Certification



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 51 of 97

Page 3 of 21

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

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 52 of 97

Page 4 of 21

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

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).



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

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

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 ¹	Cond. ²	%ACM ³	# 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

¹-F=Friable; NF= Non-Friable

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

³ - <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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 54 of 97

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

Page 6 of 21

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 55 of 97

Page 7 of 21

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

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.



Andrea Pulsipher
Project Consultant
CAC No. 17-5929



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 56 of 97

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

Page 8 of 21

APPENDIX A

ASBESTOS LABORATORY ANALYTICAL RESULTS AND CHAIN OF CUSTODY



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 57 of 97



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
 Date Received: 12/19/2019
 Date Analysis : 12/21/2019
 Date Reported: 12/21/2019

LAB Job # : 19121904
 Project Name: N/A
 No of Samples: 15
 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 500/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA 600/M4-82-C20 (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 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. Analyst: Optical Microscopy
 Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.
 Page 1 of 5

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 58 of 97



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 A, EPA 600/R-93/116 (Method for Determination of Asbestos in Building Materials), and EPA 600/M-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 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. Analyst of Optical Microscopy
 Page 2 of 5
 Samples analyzed by Ecologics Lab, CA. NVLAP Lab Code 600190-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 59 of 97



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/M-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 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. Analyst of Optical Microscopy
 Page 3 of 5
 Samples analyzed by Ecologics Lab, CA. NVLAP Lab Code 600190-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 60 of 97



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
Location : Roof Analyst Description / Color : Roof Material, Fibrous, Granular, Non-Homogenous/Black Asbestos % Type : NON Other Material Type : 30% Fiberglass, 60% Non-Fibrous Material, 10% Asphaltic Matrix				
R-2	19121904.11.A	19121904.11	No	None Detected
Location : Roof Analyst Description / Color : Roof Material, Fibrous, Granular, Non-Homogenous/Black Asbestos % Type : NON Other Material Type : 35% Fiberglass, 55% Non-Fibrous Material, 10% Asphaltic Matrix				
R-3	19121904.12.A	19121904.12	No	None Detected
Location : Roof Analyst Description / Color : Roof Material, Fibrous, Granular, Non-Homogenous/Black Asbestos % Type : NON Other Material Type : 35% Fiberglass, 55% Non-Fibrous Material, 10% Asphaltic Matrix				
DI-1	19121904.13.A	19121904.13	Yes	15% Chrysotile
Location : Attic Analyst Description / Color : HVAC Duct, Fibrous, Non-Homogenous/Gray, Silver Asbestos % Type : Chrysotile Other Material Type : 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/M-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 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. Analyst of Optical Microscopy
 Page 4 of 5
 Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 61 of 97



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
Location : Attic				
Analyst Description / Color : HVAC Duct,Fibrous,Non-Homogenous/Gray,Silver				
Asbestos % Type : Chrysotile				
Other Material Type : 25% Cellulose,60%Non-Fibrous Material				
DI-3	19121904.15.A	19121904.15	Yes	15% Chrysotile
Location : Attic				
Analyst Description / Color : HVAC Duct,Fibrous,Non-Homogenous/Gray,Silver				
Asbestos % Type : Chrysotile				
Other Material Type : 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/M-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 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. Analyst of Optical Microscopy
 Page 5 of 5
 Samples analyzed by Ecologics Lab, CA, NVLAP Lab Code 600190-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 62 of 97



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

Job ID: 19121904



Magnolia Environmental

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 checked="" 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				
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR	TIME STOP	FLOW STAR	FLOW STOP	TOTAL
WG-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"/>	7:50 AM 10:00 AM	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.

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 64 of 97

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

Page 16 of 21

APPENDIX B

SITE PHOTOGRAPHS

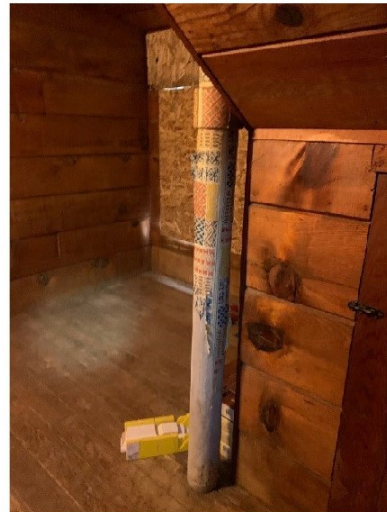


885 Mango St. Brea, CA 92821 * TEL. 562-922-3144
www.MagnoliaEnvironmental.com

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



885 Mango St. Brea, CA 92821 * TEL. 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 66 of 97

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

Page 18 of 21

APPENDIX C

SITE MAPS/SKETCH

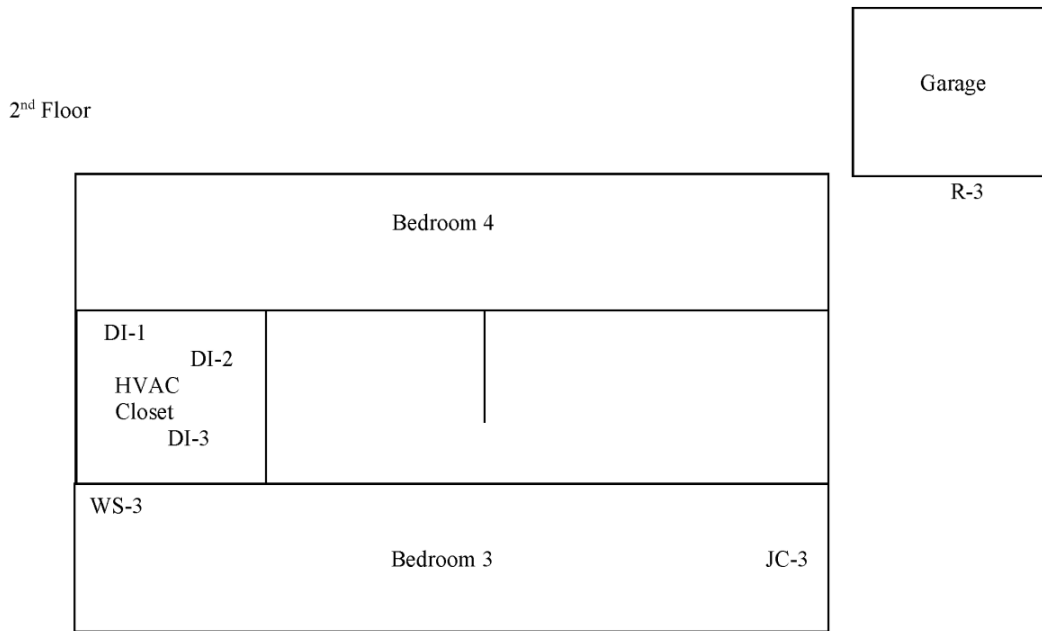


885 Mango St. Brea, CA 92821 * TEL. 562-922-3144
www.MagnoliaEnvironmental.com

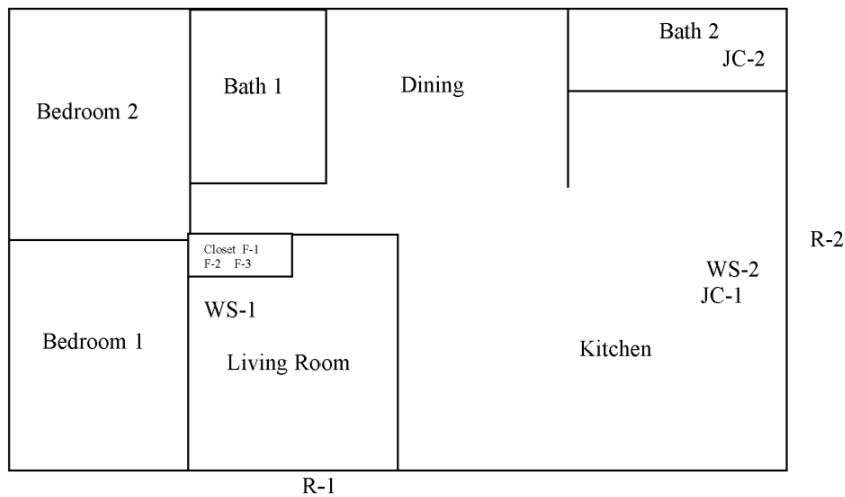
Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

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.



1st Floor



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 68 of 97

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

Page 20 of 21

APPENDIX D

ACCREDITATION AND CERTIFICATION



885 Mango St. Brea, CA 92821 * TEL. 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 69 of 97



Magnolia Environmental, LLC

Project:

Asbestos Survey Report

12834 2nd 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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 70 of 97

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

Page 2 of 30

TABLE OF CONTENTS

Introduction.....3

Purpose and Scope3

Methods.....4

 A. Asbestos4

Results.....5

 A. Asbestos5

Conclusion/Recommendations7

 A. Asbestos7

Appendices

Appendix A..... Asbestos Laboratory Analytical Results, Chain of Custody

Appendix B..... Site Photographs

Appendix C..... Site Map/Sketch

Appendix D..... Accreditations and Certification



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 71 of 97

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

Page 3 of 30

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 72 of 97

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

Page 4 of 30

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).



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 73 of 97

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

Page 5 of 30

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 ¹	Cond. ²	%ACM ³	# 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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 74 of 97

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

Page 6 of 30

ACM RESULTS CONTINUED

MTL #	Material Description	Sample Location	F/NF ¹	Cond. ²	%ACM ³	# 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

¹-F=Friable; NF= Non-Friable

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

³- <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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 75 of 97

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

Page 7 of 30

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.



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 76 of 97

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

Page 8 of 30

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.



Andrea Pulsipher
Project Consultant
CAC No. 17-5929



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 77 of 97

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

Page 9 of 30

APPENDIX A

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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 78 of 97



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
WS-1	20061713.01.A	20061713.01	No	None Detected
Location : Basement				
Analyst Description / Color : Wall Material,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,88%Non-Fibrous Material				
WS-2	20061713.02.A	20061713.02	No	None Detected
Location : Basement				
Analyst Description / Color : Wall Material,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,88%Non-Fibrous Material				
WS-3	20061713.03.A	20061713.03	No	None Detected
Location : Basement				
Analyst Description / Color : Wall Material,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,88%Non-Fibrous Material				
JC-1	20061713.04.A	20061713.04	No	None Detected
Location : Basement				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,73%Non-Fibrous Material,15%CaCo				
JC-2	20061713.05.A	20061713.05	No	None Detected
Location : Basement				
Analyst Description / Color : Joint Compound,Firm,Homogenous/White,Beige				
Asbestos % Type : NON				
Other Material Type : 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-94/110 (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/NVLA² program for asbestos in bulk material for asbestos analysis. Ecologics Lab and its personnel shall not be liable for any mis-information 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 79 of 97



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: 15
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
Location : Basement				
Analyst Description / Color : Joint Compound, Firm, Homogenous/White, Beige				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose, 73% Non-Fibrous Material, 15% CaCo				
P-1	20061713.07.A	20061713.07	No	None Detected
Location : Hall				
Analyst Description / Color : Plaster, Granular, Homogenous/Beige				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose, 72% Non-Fibrous Material, 13% Quartz				
P-2	20061713.08.A	20061713.08	No	None Detected
Location : Bed 1				
Analyst Description / Color : Plaster, Granular, Homogenous/Beige				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose, 72% Non-Fibrous Material, 13% Quartz				
P-3	20061713.09.A	20061713.09	No	None Detected
Location : Living Room				
Analyst Description / Color : Plaster, Granular, Homogenous/Beige				
Asbestos % Type : NON				
Other Material Type : 15% Cellulose, 72% Non-Fibrous Material, 13% Quartz				
F-1	20061713.10.A	20061713.10	Yes	30% Chrysotile
Location : Kitchen				
Analyst Description / Color : Floor Tile, Homogenous, Flexible/Tan				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose, 43% Non-Fibrous Material, 12% Binders				

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (Method for Determination of Asbestos in Building Materials) and EPA - 4C 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 80 of 97



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

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (Method for Determination of Asbestos in Building Materials) and EPA - 4C 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 81 of 97



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

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (Method for Determination of Asbestos in Building Materials) and EPA - 4C 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 C03-90-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 82 of 97



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

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 83 of 97



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

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (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 C03:90-0.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 84 of 97



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

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 85 of 97



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: 15
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
Location : Small Room Near Kitchen				
Analyst Description / Color : Mastic,Soft,Homogenous/Black				
Asbestos % Type : Chrysotile				
Other Material Type : 12% Cellulose,63%Non-Fibrous Material,20%Asphaltic Matrix				
F2-2	20061713.35.A	20061713.35	Yes	7% Chrysotile
Location : Small Room Near Kitchen				
Analyst Description / Color : Floor Tile,Firm,Homogenous/Brown				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose,63%Non-Fibrous Material,20%Binders				
F2-3	20061713.36.A	20061713.36	Yes	2% Chrysotile
Location : Small Room Near Kitchen				
Analyst Description / Color : Floor Tile,Firm,Homogenous/Brown				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose,63%Non-Fibrous Material,20%Binders				
PM-1	20061713.37.A	20061713.37	No	None Detected
Location : Roof				
Analyst Description / Color : Roof Mastic,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,73%Non-Fibrous Material,15%Asphaltic Matrix				
PM-2	20061713.38.A	20061713.38	No	None Detected
Location : Roof				
Analyst Description / Color : Roof Mastic,Firm,Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose,73%Non-Fibrous Material,15%Asphaltic Matrix				

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 86 of 97



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: 15
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
Location : Roof				
Analyst Description / Color : Roof Mastic, Firm, Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose, 73% Non-Fibrous Material, 15% Asphaltic Matrix				
R2-1	20061713.40.A	20061713.40	No	None Detected
Location : Roof				
Analyst Description / Color : Roofing, Granular, Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose, 73% Non-Fibrous Material, 15% Quartz				
R2-2	20061713.41.A	20061713.41	No	None Detected
Location : Roof				
Analyst Description / Color : Roofing, Granular, Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose, 73% Non-Fibrous Material, 15% Quartz				
R2-3	20061713.42.A	20061713.42	No	None Detected
Location : Roof				
Analyst Description / Color : Roofing, Granular, Homogenous/Black				
Asbestos % Type : NON				
Other Material Type : 12% Cellulose, 73% Non-Fibrous Material, 15% Quartz				
PB-1	20061713.43.A	20061713.43	Yes	40% Chrysotile
Location : Basement				
Analyst Description / Color : Particle Board, Fibrous, Homogenous/Gray				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose, 12% Fiberglass, 33% Non-Fibrous Material				

Lorena Padilla - Analyst

Armando Duque - 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-93/115 (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 87 of 97



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
PB-2	20061713.44.A	20061713.44	Yes	40% Chrysotile
Location : Basement				
Analyst Description / Color : Particle Board, Fibrous, Homogenous/Gray				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose, 12% Fiberglass, 33% Non-Fibrous Material				
PB-3	20061713.45.A	20061713.45	Yes	40% Chrysotile
Location : Basement				
Analyst Description / Color : Particle Board, Fibrous, Homogenous/Gray				
Asbestos % Type : Chrysotile				
Other Material Type : 15% Cellulose, 12% Fiberglass, 33% Non-Fibrous Material				


 Lorena Padilla - Analyst


 Armando Ducuing - 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-93/115 (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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 88 of 97



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

Job ID: 20061713
 Magnolia Environmental

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 2 nd 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"/> 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) *: <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 STAR	TIME STOP	FLOW STAR	FLOW STOP	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	6-17-20	A. Pulsipher		
						2:13	6-17-20		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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 89 of 97



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	TIME STOP	FLOW STAR	FLOW 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 Sill	D	25	Y					
WP-2	↓	↓	↓	↓	↓					
WP-3	↓	↓	↓	↓	↓					
TSI-1	Around boiler duct	Thermal system Insulation	G	10 ⁵	N					
TSI-2	↓	↓	↓	↓	↓					
TSI-3	↓	↓	↓	↓	↓					
CT-1	side room	12x12 cels tile	D	200	Y					
CT-2	↓	↓	↓	↓	↓					
CT-3	Small Room near kitchen	↓	↓	↓	↓					
CT2-1	Living Room	12x24 square 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.

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

Page 90 of 97



CHAIN OF CUSTODY

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

Job ID:20061713



Company: Magnolia Project #: 1975

SAMPLE ID	LOCATION *	DESCRIPTION *	ASBESTOS			MICROBIOLOGY/PCM				
			COND	QTY SF/LF	FRIABLE Y/N	TIME STAR	TIME STOP	FLOW STAR	FLOW STOP	TOTAL
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 water	↓	↓	↓	↓					
F2-1	Small Room near kitchen	Asp Floor tile	G	50	N					
F2-2	↓	↓	↓	↓	↓					
F2-3	↓	↓	↓	↓	↓					
PM-1	Roof	Penetrative material	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.

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 91 of 97

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

Page 23 of 30

APPENDIX B

SITE PHOTOGRAPHS



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

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



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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

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



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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

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



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



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 95 of 97

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

Page 27 of 30

APPENDIX C

SITE MAPS/SKETCH



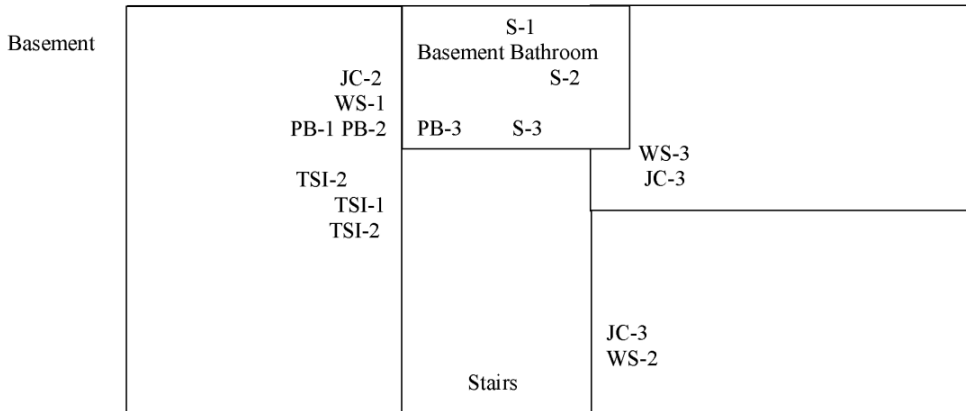
885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
 Demolition of Structures at 12816 2nd Street, Yucaipa

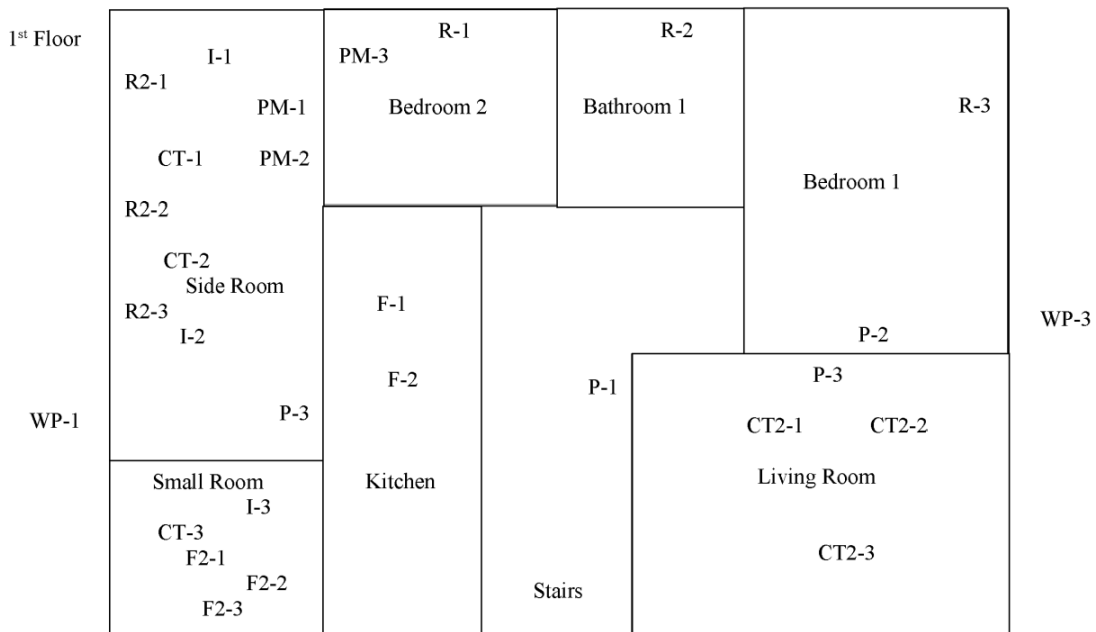
Property Address: 12834 2nd St. Yucaipa, CA 92399
 Date of Survey: June 17, 2020
 Project Number: 1975

Sketch not to scale.

Sample ID indicates location of sampling.



WP-2



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
 www.MagnoliaEnvironmental.com

Yucaipa Valley Water District
Demolition of Structures at 12816 2nd Street, Yucaipa

Page 97 of 97

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

Page 29 of 30

APPENDIX D

ACCREDITATION AND CERTIFICATION



885 Mango St. Brea, CA 92821 * TEL 562-922-3144
www.MagnoliaEnvironmental.com



Date: November 10, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Adoption of Resolution No. 2020-58 Authorizing the General Manager to Certify the Completion of the Risk and Resilience Assessment and Emergency Response Plan Required by America’s Water Infrastructure Act of 2018

Recommendation: That the Board adopt Resolution No. 2020-58.

On October 23, 2018, America’s Water Infrastructure Act of 2018 (AWIA) became federal law that provides for water infrastructure improvements throughout the country. Section 2013 of AWIA includes newly enacted requirements for community water systems serving more than 3,300 people. Specifically, these utilities must:

- Conduct a Risk and Resilience Assessment (RRA);
- Prepare or revise an Emergency Response Plan (ERP);
- Submit a certification letter upon completion to the U.S. Environmental Protection Agency (U.S. EPA) for each (RRA and ERP);
- Review, update, revise as necessary and submit a recertification for both at least every 5 years thereafter; and
- Maintain records (keep copies of RRA and ERP and any updates for 5 years after certification submittal).

The compliance deadline for complying with AWIA depends on the size of the water utility.

Utility Size (pop served)	Risk & Resilience Assessment	Emergency Response Plan
>100k	March 31, 2020	September 30, 2020
50k–100k	December 31, 2020	June 30, 2021
3,301k–50k	June 30, 2021	December 30, 2021

As required by the AWIA, the District staff will complete the Risk and Resilience Assessment by December 31, 2020 and the Emergency Response Plan by June 30, 2021.

The attached Resolution provides the necessary authorization for the General Manager to certify both documents.

RESOLUTION NO. 2020-58

A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT AUTHORIZING THE GENERAL MANAGER TO CERTIFY THE COMPLETION OF THE RISK AND RESILIENCE ASSESSMENT AND EMERGENCY RESPONSE PLAN REQUIRED BY AMERICA'S WATER INFRASTRUCTURE ACT OF 2018

WHEREAS, on October 23, 2018, America's Water Infrastructure Act of 2018 (AWIA) became federal law that provides for water infrastructure improvements throughout the country; and

WHEREAS, Section 2013 of AWIA requires water utilities to:

- Conduct a Risk and Resilience Assessment;
- Prepare or revise an Emergency Response Plan;
- Submit a certification letter upon completion to the U.S. Environmental Protection Agency for each;
- Review, update, revise as necessary and submit a recertification for both at least every 5 years thereafter; and
- Maintain records and any updates for 5 years after certification submittal; and

NOW THEREFORE, the Board of Directors of the Yucaipa Valley Water District does hereby resolve, determine and order as follows:

1. The General Manager is hereby authorized to certify the completion of a Risk and Resilience Assessment and an Emergency Response Plan consistent with the requirements of America's Water Infrastructure Act of 2018.
2. The General Manager is hereby authorized to review, update, revise and certify updates to the Risk and Resilience Assessment and Emergency Response Plan at least every five years.

PASSED AND ADOPTED this 10th day of November 2020.

YUCAIPA VALLEY WATER DISTRICT

Chris Mann, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager

Certification of Community Water System Emergency Response Plan in Compliance with America's Water Infrastructure Act of 2018

Part (A): Community Water System Identification

Community Water System Name: _____

Community Water System Complete Mailing Address: _____

Public Water System Identification Number: _____

Population Served: _____

Part (B): Certification Date

Date of the certification: _____

Part (C): Certification Statement

I, _____

[Name of certifying official]

hereby certify that the community water system named under Part A has completed an emergency response plan that incorporates findings of the risk and resilience assessment conducted under Section 2013(a) of America's Water Infrastructure Act of 2018 for such system (and any revisions thereto). This emergency response plan includes:

1. Strategies and resources to improve the resilience of the system, including the physical security and cybersecurity of the system;
2. Plans and procedures that can be implemented, and identification of equipment that can be utilized, in the event of a malevolent act or natural hazard that threatens the ability of the community water system to deliver safe drinking water;
3. Actions, procedures, and equipment which can obviate or significantly lessen the impact of a malevolent act or natural hazard on the public health and the safety and supply of drinking water provided to communities and individuals, including the development of alternative source water options, relocation of water intakes, and construction of flood protection barriers; and
4. Strategies that can be used to aid in the detection of malevolent acts or natural hazards that threaten the security or resilience of the system.

[Signature of certifying official - click to add a digital signature, or print and sign]

Certification of Community Water System Risk and Resilience Assessment in Compliance with America’s Water Infrastructure Act of 2018

Part (A): Community Water System Identification

Community Water System Name: _____

Community Water System Complete Mailing Address: _____

Public Water System Identification Number: _____

Population Served: _____

Part (B): Certification Date

Date of the certification: _____

Part (C): Certification Statement

I, _____

[Name of certifying official]

hereby certify that the community water system named under Part A, above, has *[select all that apply]*

conducted reviewed reviewed and revised

an assessment of the risks to, and resilience of, its system. This assessment included an assessment of:

1. The risk to the system from malevolent acts and natural hazards;
2. The resilience of the pipes and constructed conveyances, physical barriers, source water, water collection and intake, pretreatment, treatment, storage and distribution facilities, electronic, computer, or other automated systems (including the security of such systems) which are utilized by the system;
3. The monitoring practices of the system;
4. The financial infrastructure of the system;
5. The use, storage, or handling of various chemicals by the system; and
6. The operation and maintenance of the system; and
7. Optionally, may include an evaluation of capital and operational needs for risk and resilience management for the system.

[Signature of certifying official - click to add a digital signature, or print and sign]

Board Reports and Comments



Yucaipa Valley Water District



FACTS ABOUT THE YUCAIPA VALLEY WATER DISTRICT

Service Area Size: 40 square miles (sphere of influence is 68 square miles)

Elevation Change: 3,140 foot elevation change (from 2,044 to 5,184 feet)

Number of Employees: 5 elected board members
72 full time employees

FY 2019-20 Operating Budget: Water Division - \$14,455,500
Sewer Division - \$12,217,712
Recycled Water Division - \$1,301,447

Number of Services: 13,794 drinking water connections serving 19,243 units
14,104 sewer connections serving 22,774 units
111 recycled water connections serving 460 units

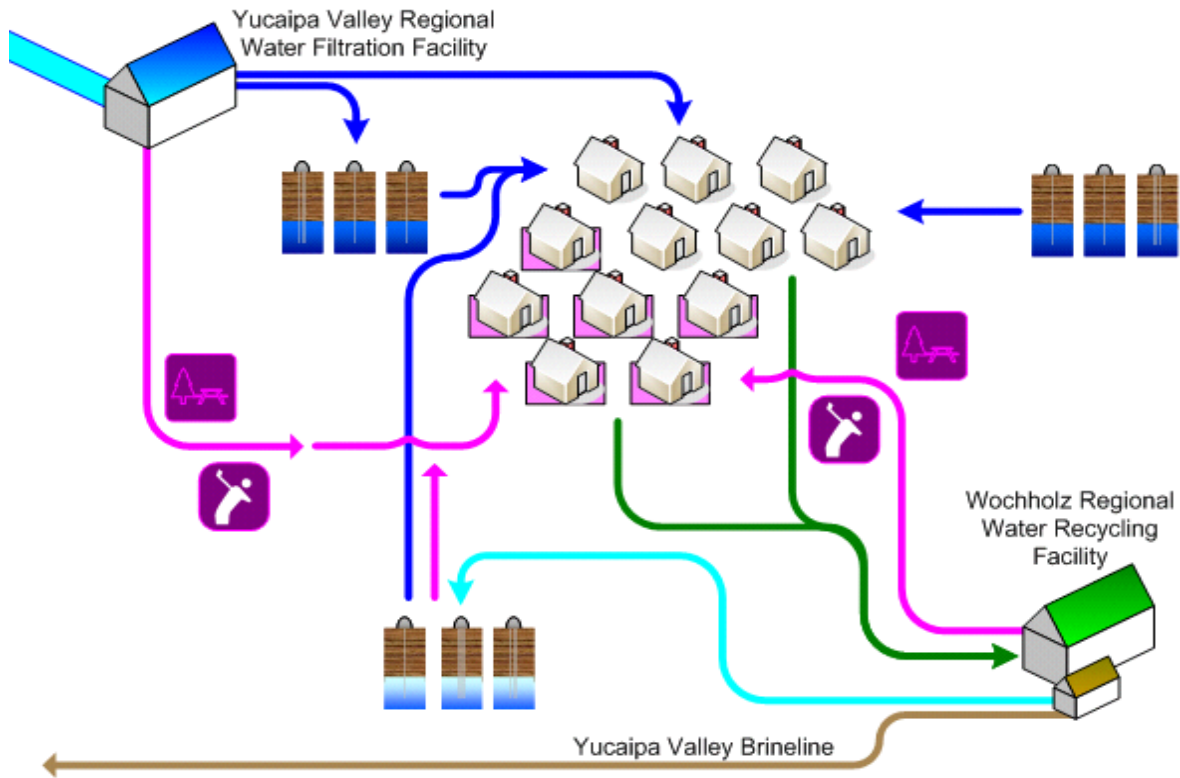
Water System: 223 miles of drinking water pipelines
2,033 fire hydrants
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
2.958 billion gallon annual drinking water demand
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

Sewer System: 8.0 million gallon treatment capacity - current flow at 3.5 mgd
213 miles of sewer mainlines
4,504 sewer manholes
5 sewer lift stations
1.27 billion gallons of recycled water produced per year

Recycled Water: 22 miles of recycled water pipelines
5 reservoirs - 12 million gallons of storage
0.681 billion gallon annual recycled water demand

Brine Disposal: 2.2 million gallon desalination facility at sewer treatment plant
1.756 million gallons of Inland Empire Brine Line capacity
0.595 million gallons of treatment capacity in Orange County

Sustainability Plan: A Strategic Plan for a Sustainable Future: The Integration and Preservation of Resources, adopted on August 20, 2008.



Typical Rates, Fees and Charges:

- Drinking Water Commodity Charge:

1,000 gallons to 15,000 gallons	\$1.429 per each 1,000 gallons
16,000 gallons to 60,000 gallons	\$1.919 per each 1,000 gallons
61,000 gallons to 100,000 gallons	\$2.099 per each 1,000 gallons
101,000 gallons or more	\$2.429 per each 1,000 gallons

- Recycled Water Commodity Charge:

1,000 gallons or more	\$1.425 per each 1,000 gallons
-----------------------	--------------------------------

- Water Meter Service Charge (Drinking Water or Recycled Water):

5/8" x 3/4" Water Meter	\$14.00 per month
1" Water Meter	\$23.38 per month
1-1/2" Water Meter	\$46.62 per month

- Sewer Collection and Treatment Charge:

Typical Residential Charge	\$42.43 per month
----------------------------	-------------------

State Water Contractors: San Bernardino Valley Municipal Water District
San Gorgonio Pass Water Agency



	San Bernardino Valley Municipal Water District	San Gorgonio Pass Water Agency
Service Area Size	353 square miles	222 square miles
Table "A" Water Entitlement	102,600 acre feet	17,300 acre feet
Imported Water Rate	\$125.80 / acre foot	\$399 / acre foot
Tax Rates for FY 2019-20	\$0.1425 per \$100	\$0.1775 per \$100
Number of Board Members	Five (5)	Seven (7)
Operating Budget FY 2019-20	\$58,372,000	\$9,551,000

Imported Water Charges (Pass-through State Water Project Charge)

- San Bernardino Valley Municipal Water District - Customers in San Bernardino County or City of Yucaipa pay a pass-through amount of \$0.270 per 1,000 gallons.
- San Gorgonio Pass Water Agency - Customers in Riverside County or City of Calimesa pay a pass-through amount of \$0.660 per 1,000 gallons. A proposed rate change to \$0.857 per 1,000 gallons is pending future consideration by YVWD.





GLOSSARY OF COMMONLY USED TERMS

Every profession has specialized terms which generally evolve to facilitate communication between individuals. The routine use of these terms tends to exclude those who are unfamiliar with the particular specialized language of the group. Sometimes jargon can create communication cause difficulties where professionals in related fields use different terms for the same phenomena.

Below are commonly used water terms and abbreviations with commonly used definitions. If there is any discrepancy in definitions, the District's Regulations Governing Water Service is the final and binding definition.

Acre Foot of Water - The volume of water (325,850 gallons, or 43,560 cubic feet) that would cover an area of one acre to a depth of 1 foot.

Activated-Sludge Process - A secondary biological wastewater treatment process where bacteria reproduce at a high rate with the introduction of excess air or oxygen and consume dissolved nutrients in the wastewater.

Annual Water Quality Report - The document is prepared annually and provides information on water quality, constituents in the water, compliance with drinking water standards and educational material on tap water. It is also referred to as a Consumer Confidence Report (CCR).

Aquifer - The natural underground area with layers of porous, water-bearing materials (sand, gravel) capable of yielding a supply of water; see Groundwater basin.

Backflow - The reversal of water's normal direction of flow. When water passes through a water meter into a home or business it should not reverse flow back into the water mainline.

Best Management Practices (BMPs) - Methods or techniques found to be the most effective and practical means in achieving an objective. Often used in the context of water conservation.

Biochemical Oxygen Demand (BOD) - The amount of oxygen used when organic matter undergoes decomposition by microorganisms. Testing for BOD is done to assess the amount of organic matter in water.

Biosolids - Biosolids are nutrient rich organic and highly treated solid materials produced by the wastewater treatment process. This high-quality product can be recycled as a soil amendment on farmland or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

Capital Improvement Program (CIP) - Projects for repair, rehabilitation, and replacement of assets. Also includes treatment improvements, additional capacity, and projects for the support facilities.

Certificate of Participation (COP) – A type of financing where an investor purchases a share of the lease revenues of a program rather than the bond being secured by those revenues.

Coliform Bacteria - A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere used as indicators of sewage pollution. E. coli are the most common bacteria in wastewater.

Collections System - In wastewater, it is the system of typically underground pipes that receive and convey sanitary wastewater or storm water.

Conjunctive Use - The coordinated management of surface water and groundwater supplies to maximize the yield of the overall water resource. Active conjunctive use uses artificial recharge, where surface water is intentionally percolated or injected into aquifers for later use. Passive conjunctive use is to simply rely on surface water in wet years and use groundwater in dry years.

Consumer Confidence Report (CCR) - see Annual Water Quality Report.

Contaminants of Potential Concern (CPC) - Pharmaceuticals, hormones, and other organic wastewater contaminants.

Cross-Connection - The actual or potential connection between a potable water supply and a non-potable source, where it is possible for a contaminant to enter the drinking water supply.

Disinfection by-Products (DBPs) - The category of compounds formed when disinfectants in water systems react with natural organic matter present in the source water supplies. Different disinfectants produce different types or amounts of disinfection byproducts. Disinfection byproducts for which regulations have been established have been identified in drinking water, including trihalomethanes, haloacetic acids, bromate, and chlorite

Drought - a period of below average rainfall causing water supply shortages.

Fire Flow - The ability to have a sufficient quantity of water available to the distribution system to be delivered through fire hydrants or private fire sprinkler systems.

Gallons per Capita per Day (GPCD) - A measurement of the average number of gallons of water use by the number of people served each day in a water system. The calculation is made by dividing the total gallons of water used each day by the total number of people using the water system.

Groundwater Basin - An underground body of water or aquifer defined by physical boundaries.

Groundwater Recharge - The process of placing water in an aquifer. Can be a naturally occurring process or artificially enhanced.

Hard Water - Water having a high concentration of minerals, typically calcium and magnesium ions.

Hydrologic Cycle - The process of evaporation of water into the air and its return to earth in the form of precipitation (rain or snow). This process also includes transpiration from plants, percolation into the ground, groundwater movement, and runoff into rivers, streams, and the ocean; see Water cycle.

Levels of Service (LOS) - Goals to support environmental and public expectations for performance.

Mains, Distribution - A network of pipelines that delivers water (drinking water or recycled water) from transmission mains to residential and commercial properties, usually pipe diameters of 4" to 16".

Mains, Transmission - A system of pipelines that deliver water (drinking water or recycled water) from a source of supply to the distribution mains, usually pipe diameters of greater than 16".

Meter - A device capable of measuring, in either gallons or cubic feet, a quantity of water delivered by the District to a service connection.

Overdraft - The pumping of water from a groundwater basin or aquifer in excess of the supply flowing into the basin. This pumping results in a depletion of the groundwater in the basin which has a net effect of lowering the levels of water in the aquifer.

Pipeline - Connected piping that carries water, oil, or other liquids. See Mains, Distribution and Mains, Transmission.

Point of Responsibility, Metered Service - The connection point at the outlet side of a water meter where a landowner's responsibility for all conditions, maintenance, repairs, use and replacement of water service facilities begins, and the District's responsibility ends.

Potable Water - Water that is used for human consumption and regulated by the California Department of Public Health.

Pressure Reducing Valve - A device used to reduce the pressure in a domestic water system when the water pressure exceeds desirable levels.

Pump Station - A drinking water or recycled water facility where pumps are used to push water up to a higher elevation or different location.

Reservoir - A water storage facility where water is stored to be used at a later time for peak demands or emergencies such as fire suppression. Drinking water and recycled water systems will typically use concrete or

steel reservoirs. The State Water Project system considers lakes, such as Shasta Lake and Folsom Lake to be water storage reservoirs.

Runoff - Water that travels downward over the earth's surface due to the force of gravity. It includes water running in streams as well as over land.

Santa Ana River Interceptor (SARI) Line - A regional brine line designed to convey 30 million gallons per day (MGD) of non-reclaimable wastewater from the upper Santa Ana River basin to Orange County Sanitation District for treatment, use and/or disposal.

Secondary treatment - Biological wastewater treatment, particularly the activated-sludge process, where bacteria and other microorganisms consume dissolved nutrients in wastewater.

Service Connection - The water piping system connecting a customer's system with a District water main beginning at the outlet side of the point of responsibility, including all plumbing and equipment located on a parcel required for the District's provision of water service to that parcel.

Sludge - Untreated solid material created by the treatment of wastewater.

Smart Irrigation Controller - A device that automatically adjusts the time and frequency which water is applied to landscaping based on real-time weather such as rainfall, wind, temperature, and humidity.

South Coast Air Quality Management District (SCAQMD) - Regional regulatory agency that develops plans and regulations designed to achieve public health standards by reducing emissions from business and industry.

Special district - A form of local government created by a local community to meet a specific need. Yucaipa Valley Water District is a County Water District formed pursuant to Section 30000 of the California Water Code

Supervisory Control and Data Acquisition (SCADA) - A computerized system which provides the ability to remotely monitor and control water system facilities such as reservoirs, pumps, and other elements of water delivery.

Surface Water - Water found in lakes, streams, rivers, oceans, or reservoirs behind dams. In addition to using groundwater, Yucaipa Valley Water District receives surface water from the Oak Glen area.

Sustainable Groundwater Management Act (SGMA) - Pursuant to legislation signed by Governor Jerry Brown in 2014, the Sustainable Groundwater Management Act requires water agencies to manage groundwater extractions to not cause undesirable results from over production.

Transpiration - The process by which water vapor is released into the atmosphere by living plants.

Trickling filter - A biological secondary treatment process in which bacteria and other microorganisms, growing as slime on the surface of rocks or plastic media, consume nutrients in wastewater as it trickles over them.

Underground Service Alert (USA) - A free service (<https://www.digalert.org>) that notifies utilities such as water, telephone, cable and sewer companies of pending excavations within the area (dial 8-1-1 at least 2 working days before you dig).

Urban runoff - Water from city streets and domestic properties that carry pollutants into the storm drains, rivers, lakes, and oceans.

Valve - A device that regulates, directs, or controls the flow of water by opening, closing, or partially obstructing various passageways.

Wastewater - Any water that enters the sanitary sewer.

Water Banking - The practice of actively storing or exchanging in-lieu surface water supplies in available groundwater basin storage space for later extraction and use by the storing party or for sale or exchange to a third party. Water may be banked as an independent operation or as part of a conjunctive use program.

Water Cycle - The continuous movement water from the earth's surface to the atmosphere and back again.

Water Pressure - Water pressure is created by the weight and elevation of water and/or generated by pumps that deliver water to customers.

Water Service Line - A water service line is used to deliver water from the Yucaipa Valley Water District's mainline distribution system.

Water table - the upper surface of the zone of saturation of groundwater in an unconfined aquifer.

Water transfer - a transaction, in which a holder of a water right or entitlement voluntarily sells/exchanges to a willing buyer the right to use all or a portion of the water under that water right or entitlement.

Watershed - A watershed is the region or land area that contributes to the drainage or catchment area above a specific point on a stream or river.

Water-Wise House Call - a service which provides a custom evaluation of a customer's indoor and outdoor water use and landscape watering requirements.

Well - a hole drilled into the ground to tap an underground aquifer.

Wetlands - lands which are fully saturated or under water at least part of the year, like seasonal vernal pools or swamps.





COMMONLY USED ABBREVIATIONS

AQMD	Air Quality Management District
BOD	Biochemical Oxygen Demand
CARB	California Air Resources Board
CCTV	Closed Circuit Television
CWA	Clean Water Act
EIR	Environmental Impact Report
EPA	U.S. Environmental Protection Agency
FOG	Fats, Oils, and Grease
GPD	Gallons per day
MGD	Million gallons per day
O & M	Operations and Maintenance
OSHA	Occupational Safety and Health Administration
POTW	Publicly Owned Treatment Works
PPM	Parts per million
RWQCB	Regional Water Quality Control Board
SARI	Santa Ana River Inceptor
SAWPA	Santa Ana Watershed Project Authority
SBVMWD	San Bernardino Valley Municipal Water District
SCADA	Supervisory Control and Data Acquisition system
SGMA	Sustainable Groundwater Management Act
SSMP	Sanitary Sewer Management Plan
SSO	Sanitary Sewer Overflow
SWRCB	State Water Resources Control Board
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
TSS	Total Suspended Solids
WDR	Waste Discharge Requirements
YVWD	Yucaipa Valley Water District