



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, August 25, 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>**

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. CONSENT CALENDAR** - All consent calendar matters are routine and will be acted upon in one motion. There will be no discussion of these items unless board members, administrative staff, or members of the public request specific items to be discussed and/or removed prior to the vote for approval.
- A. Minutes of Meetings
1. Board Meeting - August 18, 2020
- V. STAFF REPORT**
- VI. DISCUSSION ITEMS**
- A. Consideration of Development Agreement No. 2020-04 Purchasing an Easement at 36450 Oak Glen Road, Yucaipa (Assessor Parcel Number 0321-194-01) for the Reservoir R-16.2 Complex [[Director Memorandum No. 20-125 - Page 14 of 50](#)]
- RECOMMENDED ACTION: That the Board approve and authorize the President to execute Development Agreement No. 2020-04.
- B. Review of Public Disclosure Report Pursuant to Government Code Section 53065.5 for Fiscal Year Ending June 30, 2020 [[Director Memorandum No. 20-126 - Page 22 of 50](#)]
- RECOMMENDED ACTION: That the Board receive and file the Public Disclosure Report for Fiscal Year 2019-20.
- C. Authorization to Purchase a Closed Circuit Reverse Osmosis Pilot Testing System [[Director Memorandum No. 20-127 - Page 28 of 50](#)]
- RECOMMENDED ACTION: That the Board authorize the General Manager to purchase a closed circuit reverse osmosis pilot testing system from Desalitech for a sum not to exceed \$190,000 and adopt Resolution No. 2020-36 authorizing the transfer of reserve funds equal to the cost of the equipment purchase.
- D. Approval of the Terms and Conditions of Employment for Management-Exempt Employees of the Yucaipa Valley Water District [[Director Memorandum No. 20-128 - Page 33 of 50](#)]
- RECOMMENDED ACTION: That the Board approve the Memorandum of Agreement with the Management-Exempt Employees as presented.
- VII. BOARD REPORTS & DIRECTOR COMMENTS**
- VIII. ANNOUNCEMENTS**
- A. September 1, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- B. September 8, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- C. September 15, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- D. September 22, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- E. September 29, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- F. October 6, 2020 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- IX. CLOSED SESSION**
- A. Conference with Legal Counsel - Anticipated Litigation (Government Code 54956.9) - Two Cases
- B. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: YVWD Supervisory Employees
- X. 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.

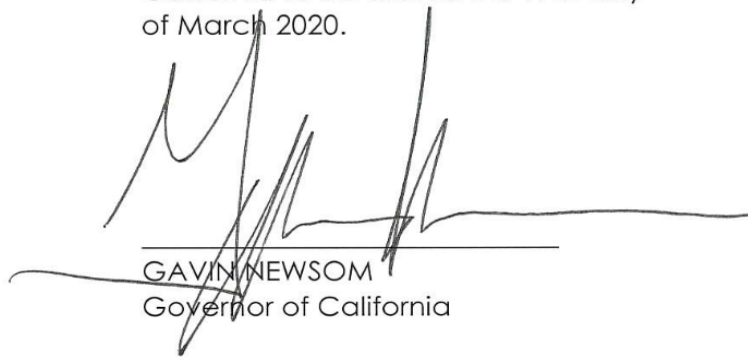
All of the foregoing provisions concerning the conduct of public meetings shall apply only during the period in which state or local public health officials have imposed or recommended social distancing measures.

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

Consent Calendar



Yucaipa Valley Water District

MINUTES OF A BOARD MEETING - TELECONFERENCE

August 18, 2020 at 4:00 P.M.

Directors Present:

Chris Mann, President
Lonni Granlund, Vice President
Joyce McIntire, Director

Staff Present:

Jennifer Ares, Water Resource Manager
Madeline Blua, Water Resource Specialist
Allison Edmisten, Chief Financial Officer
Chelsie Fogus, Administrative Assistant I
Ashley Gibson, Regulatory Compliance Manager
Dustin Hochreiter, Senior Engineering Technician
Mike Kosteletzky, Operations Manager
Tim Mackamul, Operations Manager
Matthew Porras, Implementation Manager
John Wrobel, Public Works Manager
Joseph Zoba, General Manager

Directors Absent:

Jay Bogh, Director
Dennis Miller, Director

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Logan Largent, Ortega Strategies Group

Due to the spread of COVID-19 and in accordance with the Governor's Executive Order N-29-20 (a copy of which was attached to the meeting agenda), the Yucaipa Valley Water District conducted this meeting by teleconference.

The meeting was available to the public by calling (888) 475-4499 using passcode 676-950-731 and live presentation material was available at <https://zoom.us/j/676950731>.

CALL TO ORDER

The regular meeting of the Board of Directors of the Yucaipa Valley Water District was called to order by Chris Mann at 4:00 p.m.

ROLL CALL

The roll was called with Director Lonni Granlund, Director Chris Mann, and Director Joyce McIntire were present.

PUBLIC COMMENTS

Director Jay Bogh and Director Dennis Miller were absent.

CONSENT CALENDAR

Director Joyce McIntire moved to approve the consent calendar and Director Lonni Granlund seconded the motion.

- A. Minutes of Meetings
 - 1. Board Meeting - August 11, 2020
- B. Payment of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for July 2020

The motion was approved by the following vote:

Director Jay Bogh - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes
Director Dennis Miller - Absent

STAFF REPORT

General Manager Joseph Zoba provided information on the following item(s):

- The Los Angeles Waterkeeper v. State Water Resources Control Board case provides an opportunity for the State Water Resources Control Board to evaluate recycled water discharges to determine if the discharge is consistent with the California constitution which prohibits the unreasonable waste of water resources.
- The California Independent System Operator is currently requesting consumers to conserve energy and reduce power demands on the electrical power grid. The District staff is working to conserve electrical power during afternoons and evenings.

DISCUSSION ITEMS:

DM 20-124

PRESENTATION OF THE
UNAUDITED FINANCIAL
REPORT FOR THE
PERIOD ENDING ON
JULY 31, 2020

Chief Financial Officer Allison Edmisten provided an overview of the Unaudited Financial Report.

Director Lonni Granlund moved that the Board receive and file the unaudited financial report.

Director Joyce McIntire seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Absent
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes
Director Dennis Miller - Absent

BOARD REPORTS AND
DIRECTOR COMMENTS

Director Joyce McIntire, Director Lonni Granlund, and Director Chris Mann reported on the Southern California Water Conference held on August 14, 2020.

Director Joyce McIntire reported on the San Geronio Pass Water Agency board meeting held on August 17, 2020.

Director Lonni Granlund reported on the Association of San Bernardino County Special Districts meeting held on August 17, 2020.

ANNOUNCEMENTS

Director Chris Mann called attention to the announcements listed on the agenda.

CLOSED SESSION

Director Lonni Granlund, Director Chris Mann, Director Joyce McIntire were present in closed session with Legal Counsel David Wysocki, Chief Financial Officer Allison Edmisten, and General Manager Joseph Zoba to discuss the following items.

- B. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: YVWD Management
Employees (Exempt)
- C. Conference with Labor Negotiator (Government Code 54957.6)
District Negotiator: Joseph Zoba, General Manager
Employee Organization: YVWD Supervisory
Employees

After reconvening out of closed session, Legal Counsel David Wysocki reported that direction was provided and that there were no reportable actions taken.

ADJOURNMENT

The meeting was adjourned at 4:50 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: August 25, 2020

Prepared By: Matthew Porras, Implementation Manager

Subject: Consideration of Development Agreement No. 2020-04 Purchasing an Easement at 36450 Oak Glen Road, Yucaipa (Assessor Parcel Number 0321-194-01) for the Reservoir R-16.2 Complex

Recommendation: That the Board approve and authorize the President to execute Development Agreement No. 2020-04.

At the Board workshop on March 10, 2020, the District staff discussed the need to replace the existing drinking water R-16.2 reservoir [Asset ID: PW-R-13016.2] since it is at the end of its useful life [Workshop Memorandum 20-064]. This drinking water reservoir is located north of Oak Glen Road, east of Casa Blanca Avenue in the City of Yucaipa. On May 26, 2020, the Board authorized the final design of the R-16.2 Drinking Water Storage and Distribution Facility [Director Memorandum 20-085].



The replacement reservoir project will require the installation of new on-site and off-site pipeline improvements. The preliminary design has identified an off-site pipeline alignment that requires an easement through private property. The attached agreement and easement have been prepared to secure the required easement rights from the adjoining property owner.

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 1 of 7

AGREEMENT FOR THE ACQUISITION OF AN EASEMENT AT 36450 OAK GLEN ROAD (APN: 0321-194-01) CITY OF YUCAIPA, COUNTY OF SAN BERNARDINO

This Agreement is made and effective this 25th day of August 2020, by and between the Yucaipa Valley Water District, a public agency ("District") and Kathleen Bryan and Paul Forgues ("Property Owner"). Each is sometimes referred to herein as a "Party" and jointly as the "Parties".

**Elements Project
Service Order No.**

87173

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

District	Property Owner
Yucaipa Valley Water District 12770 Second Street Post Office Box 730 Yucaipa, California 92399 Attention: Joseph Zoba, General Manager Telephone: (909) 797-5119 x2 E-mail: jzoba@yvwd.us	Kathleen Bryan and Paul Forgues 36450 Oak Glen Road Yucaipa, California 92399 Telephone: (909) 953-0182 Katsb48@gmail.com

Property Reference	City / County
APN: 0321-194-01	City of Yucaipa / San Bernardino County

RECITALS

WHEREAS, the District plans to develop its property situated APN: 0321-101-22 that is located adjacent to 36450 Oak Glen Road, APN: 0321-194-01; and

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

WHEREAS, the District has prepared Exhibit B, an easement for the pipelines that will be associated with the Project; and

WHEREAS, it is the purpose of this Agreement to set forth the terms and conditions by which the Property Owner will grant an easement to the District.

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 2 of 7

AGREEMENT

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

The proposed Project consists of the replacement of the existing R-16.2 drinking water reservoir, installation of a booster station, various site improvements on District property, and the installation of pipelines and conduits to be located within the proposed easement (Exhibit B).

- A. The Property Owner has executed an easement attached as Exhibit B.
- B. The District agrees to deliver single payment of \$3,000.00 to the Property Owner, in fair exchange for the executed easement (Exhibit B) within fifteen (15) days of executing this agreement.
- C. As the Project is currently being designed, the preliminary site layout shown in Exhibit A, could be adjust by the District as needed.

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

Property Owner

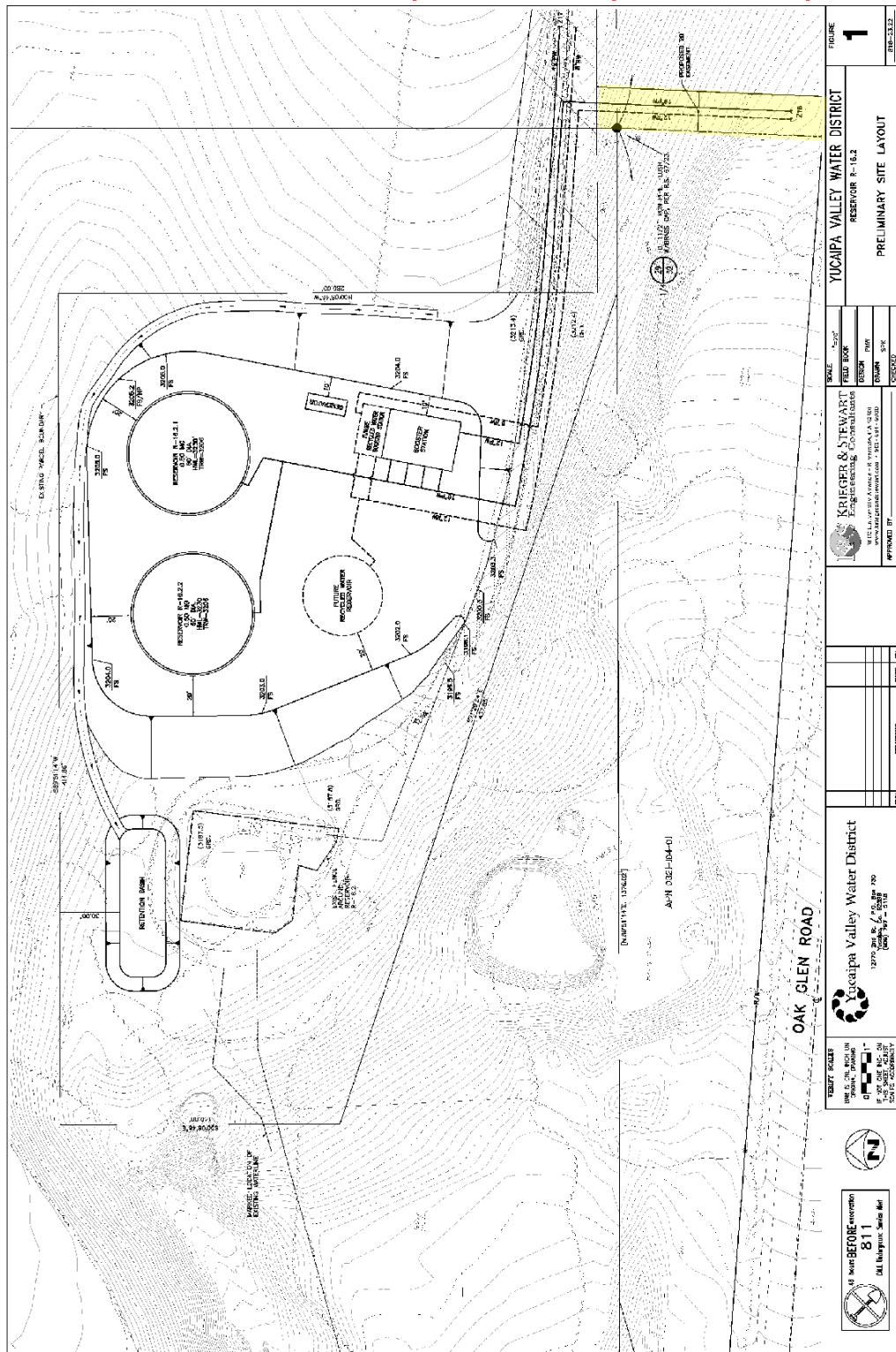
Dated: _____ By: 

Dated: _____ By: 

Attachments	Status
Exhibit A - Proposed Development Concept	Included
Exhibit B - Proposed Grant of Easement	Included

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 3 of 7

Exhibit A - Proposed Development Concept



Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 4 of 7

Exhibit B - Proposed Easement

Recording Requested by:
YUCAIPA VALLEY WATER DISTRICT

When Recorded Mail to:

YUCAIPA VALLEY WATER DISTRICT
12770 2ND STREET
YUCAIPA, CA 92399

Exempt from recording fee pursuant to Government Code Section 6103

YUCAIPA VALLEY WATER DISTRICT GRANT OF EASEMENT

KATHLEEN BRYAN AND PAUL FORGUES
36450 OAK GLEN ROAD
YUCAIPA, CA 92399

APN: 0321-194-01

KATHLEEN BRYAN AND PAUL FORGUES, husband and wife, as community property, owner of record of the herein described parcel of land, hereinafter called GRANTOR, hereby grant and convey to YUCAIPA VALLEY WATER DISTRICT, its heirs, successors, and assigns, hereinafter called GRANTEE, an easement and right-of-way to construct, reconstruct, alter, replace, use, operate, inspect, and repair underground water pipelines, conduits, and appurtenances together with the right of ingress and egress, across, along, over, under, through, and within that certain real property in the City of Yucaipa, County of San Bernardino, State of California, described as follows:

SEE ATTACHED EXHIBITS "A" and "B"

GRANTEE covenants to maintain the easement and right-of-way in good repair so that no damage will result to the adjacent land of the GRANTOR, his heirs, successors, and assigns, from its use. GRANTEE reserves the right to clear all brush, plants, shrubs, trees, trash, and other obstructions from the easement and right-of-way. GRANTOR, his heirs, successors, and assigns, covenants that they will not erect, place, or maintain, or allow to be erected, placed, or maintained, within the boundaries of said easement and right-of-way, any structure, without first securing written permission of the GRANTEE, except as follows: GRANTOR specifically reserves the right to plant grapevines and supporting trellis structure in the easement and right-of-way, subject to agreement as to location between GRANTOR and GRANTEE. GRANTOR agrees that GRANTEE, its heirs, successors and assigns, and its agents or employees, may trim or remove any plants, shrubs, or trees that encroach on the easement and right-of-way only if necessary construct, reconstruct, alter, replace, use, operate, inspect, and repair underground water pipelines, conduits, and appurtenances. The GRANTEE shall first secure written permission of any disturbance of the aforementioned grapevines and/or trellis structures.

Any use hereinabove permitted to be made of the surface of said land by GRANTOR, his heirs, successors, and assigns, shall be exercised so as not to impair, endanger, or interfere with the present or prospective exercise of any of the rights herein granted.

Notwithstanding the description of the rights granted to GRANTEE hereunder, nothing in this Grant of Easement shall be construed to confer to GRANTEE, or be construed to confer to GRANTEE, the right to erect, construct or maintain any above-ground structure or improvement upon the easement or with respect thereto.

The terms and covenants of this easement and right-of-way shall bind and inure to the benefit of the heirs, successors, executors, administrators, and assigns of GRANTOR and the heirs, successors, and assigns of GRANTEE.

IN WITNESS WHEREOF, this instrument is executed on this, the ____ day of _____, 20 ____.

Signed: _____
KATHLEEN BRYAN

Signed: _____
PAUL FORGUES

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of _____

On _____ before me, _____, a Notary Public, personally appeared _____, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

SEAL

Signature of Notary

LEGAL3/C OE/618/23/22-GJE/36450 DGR/(3/13/2020)

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 5 of 7



EXHIBIT "A"

APN: 0321-194-01

**LEGAL DESCRIPTION
WATERLINE EASEMENT**

The east 20.00 feet of the following described parcel of land.

All that portion of Block 1, Yucaipa Benson Subdivision, in the County of San Bernardino, State of California, as per map recorded in Book 19 of Maps, Page 68, in the Office of the County Recorder of said county, described as follows:

BEGINNING at the northeast corner of said Block 1;

Thence South 2°28' West, 133.16 feet to a point on the centerline of Oak Glen Road;

Thence along said centerline of Oak Glen Road, which is 60 feet wide, North 85°36' West (recorded North 85°34' West), 1063.82 feet to a curve to the right whose radius is 1146.28 feet;

Thence westerly along said curve, a distance of 106.04 feet, through an angle of 5°18';

Thence continuing along the centerline of Oak Glen Road, North 80°18' West (recorded North 80°16' West), 189.43 feet to a point on the north line of said Block 1;

Thence North 89°43'30" East (recorded North 89°35'30" East), 1358.32 feet to the **POINT OF BEGINNING.**

Lying in the northwest quarter of Section 32, Township 1 South, Range 4 West, San Bernardino Meridian, in the City of Yucaipa, County of San Bernardino, State of California.

Containing 2047 square feet, more or less.

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 6 of 7



EXHIBIT "A"

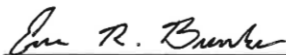
APN: 0321-194-01

**LEGAL DESCRIPTION
WATERLINE EASEMENT
(Continued)**

See Exhibit "B" attached hereto and by this reference made a part hereof.

This description was prepared by me
or under my direction:



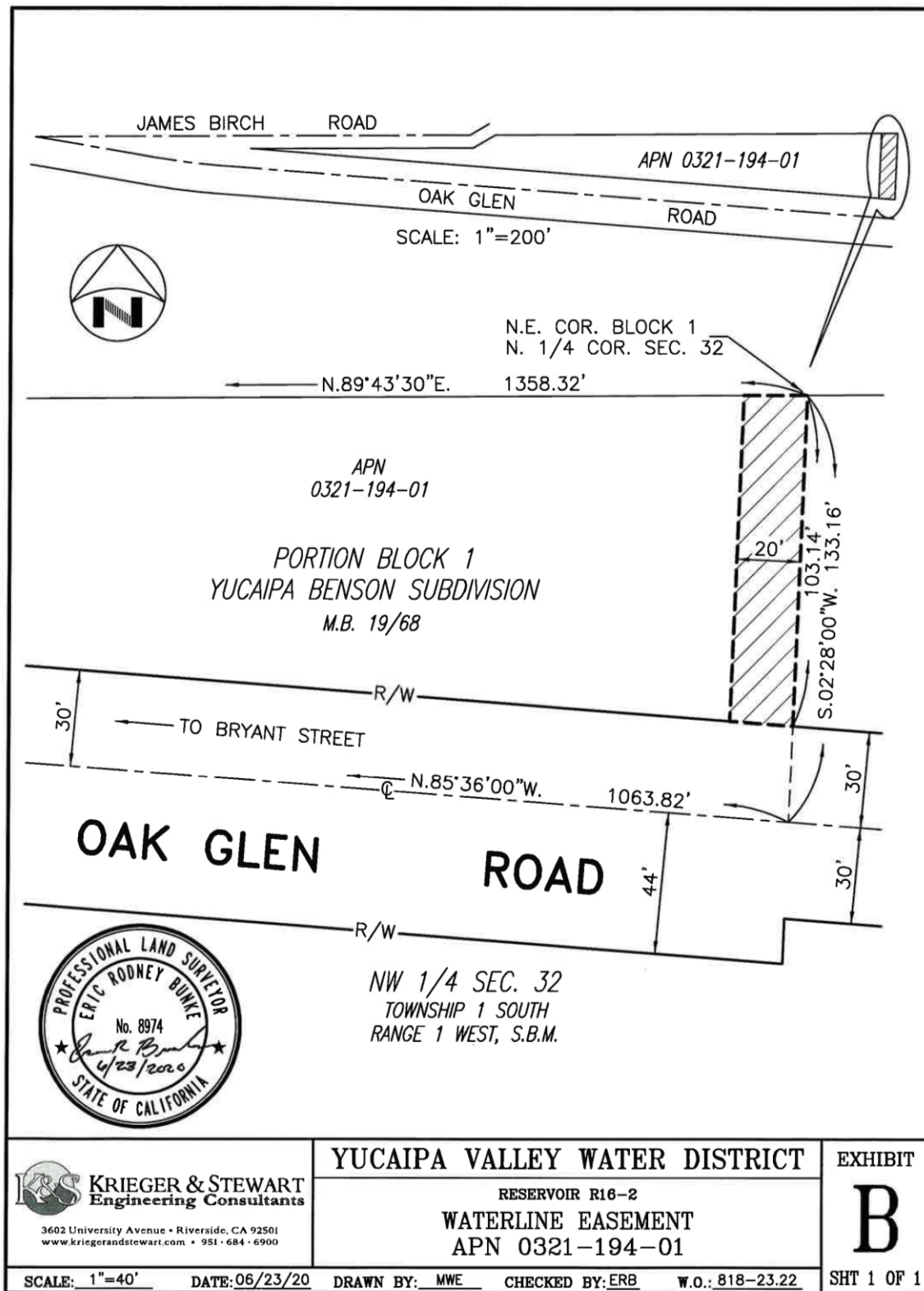

Eric R. Bunke, P.L.S. 8974

Date: 6/23/2020

Expiration Date: 09/30/2020

MWE/lge
LEGAL/818-23P22-C
(6/23/2020)

Yucaipa Valley Water District
Development Agreement No. 2020-04
Page 7 of 7





Date: August 25, 2020

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Review of Public Disclosure Report Pursuant to Government Code Section 53065.5 for Fiscal Year Ending June 30, 2020

Recommendation: That the Board receive and file the Public Disclosure Report for Fiscal Year 2019-20.

Government Code Section 53065.5 requires all special districts to disclose reimbursements paid by the District within the immediately preceding fiscal year of one hundred dollars (\$100) or more for each individual charge for services or products received. The individual charge includes, but is not limited to, tuition reimbursement, certificate or license reimbursement, or meals, lodging, and transportation, or registration fee reimbursed to any employee or member of the governing body.

The disclosure requirement is fulfilled by including the reimbursement information in a document published or printed at least annually and made available for public inspection.

Attached is the report of these reimbursements for the fiscal year ending on June 30, 2020.

Employee Name	Title	Check Date	Amount	Description
ABRAMS, JAMES A	Integrated Operator II	1/17/2020	\$ 130.00	Treatment 2 Exam, Distribution 2 Exam
ABRAMS, JAMES A		1/17/2020	\$ 120.00	Treatment 2 Certification, Distribution 2 Certification
		Subtotal	\$ 250.00	
ANTON, ERIN L	Administrative Supervisor	10/25/2019	\$ 303.85	Caselle Conference
ANTON, ERIN L		11/22/2019	\$ 359.01	Special Districts Meeting Items
ANTON, ERIN L		12/20/2019	\$ 135.39	Staff Luncheon Items
		Subtotal	\$ 798.25	
BAEUMEL, TYSA S	Administrative Clerk IV	8/16/2019	\$ 368.00	Caselle Implementation Training
		Subtotal	\$ 368.00	
BARRY, ALLISON L	Administrative Clerk IV	8/2/2019	\$ 479.48	Caselle Implementation Training
		Subtotal	\$ 479.48	
BEARD, CHRISTOPHER S	Utility Service Worker III	8/16/2019	\$ 190.00	Treatment 3 and Distribution 3 Cert Renewal
BEARD, CHRISTOPHER S		11/22/2019	\$ 130.00	Distribution 4 Exam
BEARD, CHRISTOPHER S		1/31/2020	\$ 171.00	Wastewater Collection 2 Course
BEARD, CHRISTOPHER S		1/31/2020	\$ 190.00	Collection Certification Grade 2
		Subtotal	\$ 681.00	
BELTRAN, JOEY H	Utility Service Worker III	7/19/2019	\$ 192.00	CWEA Membership
BELTRAN, JOEY H		8/30/2019	\$ 125.00	Tri State Conference
		Subtotal	\$ 317.00	
BLOSE, AARON Y	Integrated Operator II	7/19/2019	\$ 199.31	Wastewater Courses
BLOSE, AARON Y		8/2/2019	\$ 144.00	Water Handbook for Plant
BLOSE, AARON Y		9/13/2019	\$ 125.00	Wastewater II Certification
		Subtotal	\$ 468.31	
BLUA, MADELINE R	Water Resource Specialist	8/2/2019	\$ 581.42	ESRI User Conference- including hotel
		Subtotal	\$ 581.42	
COSTELLO, JEREMY M	Public Works Supervisor	12/6/2019	\$ 105.00	Distribution 4 Certification Renewal
		Subtotal	\$ 105.00	
CRESPO, LUIS H	Utility Service Worker III	11/8/2019	\$ 192.00	CWEA Membership
		Subtotal	\$ 192.00	
DESALLIERS, AUSTIN O	Utility Service Worker I	12/20/2019	\$ 204.00	CWEA Membership
		Subtotal	\$ 204.00	

Employee Name	Title	Check Date	Amount	Description
DUNCAN, JACOB L	Integrated Operator III	2/14/2020	\$ 2,736.00	Water Treatment Certification Program
DUNCAN, JACOB L		6/5/2020	\$ 183.00	Collections Cert and Plant Maint Renewals
		Subtotal	\$ 2,919.00	
EDMISTEN, ALLISON M	Chief Financial Officer	8/16/2019	\$ 588.13	Caselle Implementation Training
		Subtotal	\$ 588.13	
ELDRIDGE, STEVEN R	Utility Service Worker IV	9/27/2019	\$ 200.00	CLA VAL Course
ELDRIDGE, STEVEN R		10/25/2019	\$ 205.00	Collection Grade 3 Renewal
ELDRIDGE, STEVEN R		12/6/2019	\$ 192.00	CWEA Membership
		Subtotal	\$ 597.00	
ELISALDA, RONALD C	Senior Utility Service Worker	6/19/2020	\$ 104.00	CWEA Grade 4 Cert Renewal
		Subtotal	\$ 104.00	
FERRIS, SEAN R	Integrated Operator III	8/30/2019	\$ 120.55	Treatment Course
		Subtotal	\$ 120.55	
FLORDELIS, MATTHEW D	Public Works Supervisor	12/6/2019	\$ 104.00	Collection Grade 4 Renewal
		Subtotal	\$ 104.00	
FOGUS, CHELSIE D	Administrative Assistant I	8/30/2019	\$ 266.00	Elements Conference
		Subtotal	\$ 266.00	
FUNDAK, DALE A	Integrated Operator IV	8/16/2019	\$ 105.00	Treatment 4 Certification
FUNDAK, DALE A		6/5/2020	\$ 110.00	Wastewater Cert Renewal
		Subtotal	\$ 215.00	
GEAR, COURTLAND R	Integrated Operator III	8/16/2019	\$ 604.21	Wastewater Courses
GEAR, COURTLAND R		8/30/2019	\$ 2,736.00	Water Treatment Certification Program
GEAR, COURTLAND R		8/30/2019	\$ 100.00	Treatment 3 Exam
GEAR, COURTLAND R		8/30/2019	\$ 282.60	Water Treatment Courses
		Subtotal	\$ 3,722.81	
GIBSON, ASHLEY N	Regulatory Compliance Manager	11/8/2019	\$ 294.46	WesCas Conference, CASA Meeting
		Subtotal	\$ 294.46	
GRUBERT, ERIC M	Integrated Operator III	9/27/2019	\$ 125.00	Wastewater II Certification
GRUBERT, ERIC M		10/25/2019	\$ 170.00	Wastewater Course
GRUBERT, ERIC M		10/25/2019	\$ 136.55	Wastewater Course
GRUBERT, ERIC M		1/17/2020	\$ 170.00	Wastewater Treatment A course
GRUBERT, ERIC M		1/17/2020	\$ 382.00	Biology and Wastewater Treatment B Course
GRUBERT, ERIC M		1/17/2020	\$ 465.00	Wastewater 3 Exam and Certification
		Subtotal	\$ 1,448.55	

Employee Name	Title	Check Date	Amount	Description
HOCHREITER, DUSTIN R	Senior Engineering Technician	8/30/2019	\$ 481.48	Elements Conference
HOCHREITER, DUSTIN R		9/27/2019	\$ 192.00	CWEA Membership
		Subtotal	\$ 673.48	
HOHMAN, DANIEL L	Utility Service Worker III	9/13/2019	\$ 192.00	CWEA Membership
		Subtotal	\$ 192.00	
HOWARD, DENISE A	Purchasing Agent	8/30/2019	\$ 266.00	Elements Conference
		Subtotal	\$ 266.00	
JANISCH, RYAN D	Public Works Supervisor	2/28/2020	\$ 178.00	EC Inspector Cert, Industrial Waste Cert, Plant Operator Cert
JANISCH, RYAN D		6/19/2020	\$ 104.00	Collection Grade 4 Renewal
		Subtotal	\$ 282.00	
KOKER, MATTHEW G	Integrated Operator III	8/2/2019	\$ 375.63	Wastewater Courses
KOKER, MATTHEW G		12/20/2019	\$ 100.00	Treatment 3 Exam
KOKER, MATTHEW G		12/20/2019	\$ 155.00	Treatment 2 Exam
KOKER, MATTHEW G		2/14/2020	\$ 2,736.00	Water Treatment Certification Program
KOKER, MATTHEW G		5/8/2020	\$ 125.00	Wastewater OIT Application
		Subtotal	\$ 3,491.63	
KOSTELECKY, MICHAEL W	Operations Manager	1/17/2020	\$ 289.53	Wastewater Courses
KOSTELECKY, MICHAEL W		4/10/2020	\$ 210.00	Treatment 4 and Distribution 5 Cert Renewal
		Subtotal	\$ 499.53	
MACKAMUL, TIMOTHY M	Operations Manager	2/28/2020	\$ 135.28	Custom Stamps for Wastewater Plant Logbook
		Subtotal	\$ 135.28	
MADRID, TODD B	Senior Utility Service Worker	9/27/2019	\$ 214.00	Collection Grade 2 and Distribution 3 Cert Renewal
MADRID, TODD B		11/8/2019	\$ 215.00	Collection Grade 4 Cert
		Subtotal	\$ 429.00	
MCCALL, RONALD L	Senior Plant Operator	8/16/2019	\$ 213.50	Tri State Conference
		Subtotal	\$ 213.50	
MCCARTNEY, JESSE	Public Works Supervisor	2/14/2020	\$ 105.00	Distribution 4 Certification Renewal
		Subtotal	\$ 105.00	
MENDEZ, ROBERT L	Utility Service Worker I	8/16/2019	\$ 283.53	Water Distribution Courses
MENDEZ, ROBERT L		9/13/2019	\$ 192.00	CWEA Membership
		Subtotal	\$ 475.53	
MOLINA, STEVEN D	Public Works Supervisor	8/16/2019	\$ 105.00	Distribution 5 Certification Renewal
MOLINA, STEVEN D		1/31/2020	\$ 135.00	SB Backflow Renewal
		Subtotal	\$ 240.00	

Employee Name	Title	Check Date	Amount	Description
NAZARIO, CALEB R	Utility Service Worker IV	1/17/2020	\$ 235.00	Distribution 4 Exam and certification
		Subtotal	\$ 235.00	
NEWTON, MICHAEL P	Senior Integrated Operator	8/16/2019	\$ 110.00	Treatment 1 and Distribution 1 Certification
		Subtotal	\$ 110.00	
NICHOLSON, JAMES M	Senior Integrated Operator	8/30/2019	\$ 363.00	Wastewater Grade IV and V Exam Review
NICHOLSON, JAMES M		12/20/2019	\$ 535.00	Wastewater Exam and Certification
NICHOLSON, JAMES M		3/13/2020	\$ 100.00	Wastewater Courses
NICHOLSON, JAMES M		3/13/2020	\$ 190.00	Wastewater IV Certification
NICHOLSON, JAMES M		6/5/2020	\$ 100.00	Wastewater Treatment Courses
		Subtotal	\$ 1,288.00	
ONATE, SARA L	Administrative Clerk IV	8/2/2019	\$ 368.00	Caselle Implementation Training
		Subtotal	\$ 368.00	
PADILLA, GERMAN	Integrated Operator III	8/30/2019	\$ 363.00	Wastewater Grade IV and V Exam Review
		Subtotal	\$ 363.00	
PARKER, CHRISTOPHER A	Utility Service Worker I	12/20/2019	\$ 204.00	CWEA Membership
		Subtotal	\$ 204.00	
REEVES, CHRISTOPHER A	Utility Service Worker II	9/13/2019	\$ 192.00	CWEA Membership
REEVES, CHRISTOPHER A		1/31/2020	\$ 154.00	Distribution Cert Renewal, Collection System Maint Renewal
		Subtotal	\$ 346.00	
REEVES, DAYTON F	Integrated Operator III	8/16/2019	\$ 100.00	Water System Courses
REEVES, DAYTON F		9/13/2019	\$ 100.00	Industrial Waste Courses
REEVES, DAYTON F		9/27/2019	\$ 363.00	Wastewater Grade IV and V Exam Review
		Subtotal	\$ 563.00	
RISALITI, GEOFFREY Q	Integrated Operator II	8/16/2019	\$ 213.50	Tri State Conference
RISALITI, GEOFFREY Q		9/13/2019	\$ 125.00	Wastewater II Certification
RISALITI, GEOFFREY Q		1/17/2020	\$ 178.50	Wastewater Course
		Subtotal	\$ 517.00	
RIVERA, MICHAEL J	Public Works Supervisor	8/30/2019	\$ 266.00	Elements Conference
		Subtotal	\$ 266.00	
SANTACRUZ, GILBERT A	Integrated Operator III	8/16/2019	\$ 213.50	Tri State Conference
SANTACRUZ, GILBERT A		6/19/2020	\$ 160.00	Treatment 2 Certification Renewal
		Subtotal	\$ 373.50	
SCLAFANI, FRANK J	Intern	8/30/2019	\$ 125.00	Wastewater OIT Application
		Subtotal	\$ 125.00	

Employee Name	Title	Check Date	Amount	Description
SERATT, ANTHONY G	Utility Service Worker II	3/27/2020	\$ 175.00	Collections 1 Certification Renewal
		Subtotal	\$ 175.00	
SIMO, ALLEN L	Integrated Operator III	8/30/2019	\$ 363.00	Wastewater Grade IV and V Exam Review
		Subtotal	\$ 363.00	
THOMAS, CHARLES A	Operations Manager	2/14/2020	\$ 222.56	Rental Car and Per Diem for Sacramento Wastewater Tour
		Subtotal	\$ 222.56	
TROST, SEAN D	Utility Service Worker IV	8/2/2019	\$ 104.00	Collection Grade 4 Cert Renewal
TROST, SEAN D		8/30/2019	\$ 125.00	Tri State Conference
		Subtotal	\$ 229.00	
UNDERWOOD, JAMIE D	Utility Service Worker I	8/16/2019	\$ 163.53	Water Distribution Course
		Subtotal	\$ 163.53	
VARA, MATTHEW D	Utility Service Worker II	7/19/2019	\$ 165.00	Treatment 2 and Distribution 3 Cert Exams
		Subtotal	\$ 165.00	
WESTERLIN, KYLE S	Senior Utility Service Worker	7/19/2019	\$ 175.00	CWEA Mechanical Tech 1 Cert Renewal
WESTERLIN, KYLE S		8/30/2019	\$ 104.00	Collection Grade 4 Cert Renewal
WESTERLIN, KYLE S		12/6/2019	\$ 120.00	Distribution 3 Certificate
		Subtotal	\$ 399.00	
WROBEL, JOHN L	Public Works Manager	8/16/2019	\$ 239.60	Tri State Conference
		Subtotal	\$ 239.60	
		Grand Total	\$ 28,542.10	



Date: August 25, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Authorization to Purchase a Closed Circuit Reverse Osmosis Pilot Testing System

Recommendation: That the Board authorize the General Manager to purchase a closed circuit reverse osmosis pilot testing system from Desalitech for a sum not to exceed \$190,000 and adopt Resolution No. 2020-36 authorizing the transfer of reserve funds equal to the cost of the equipment purchase.

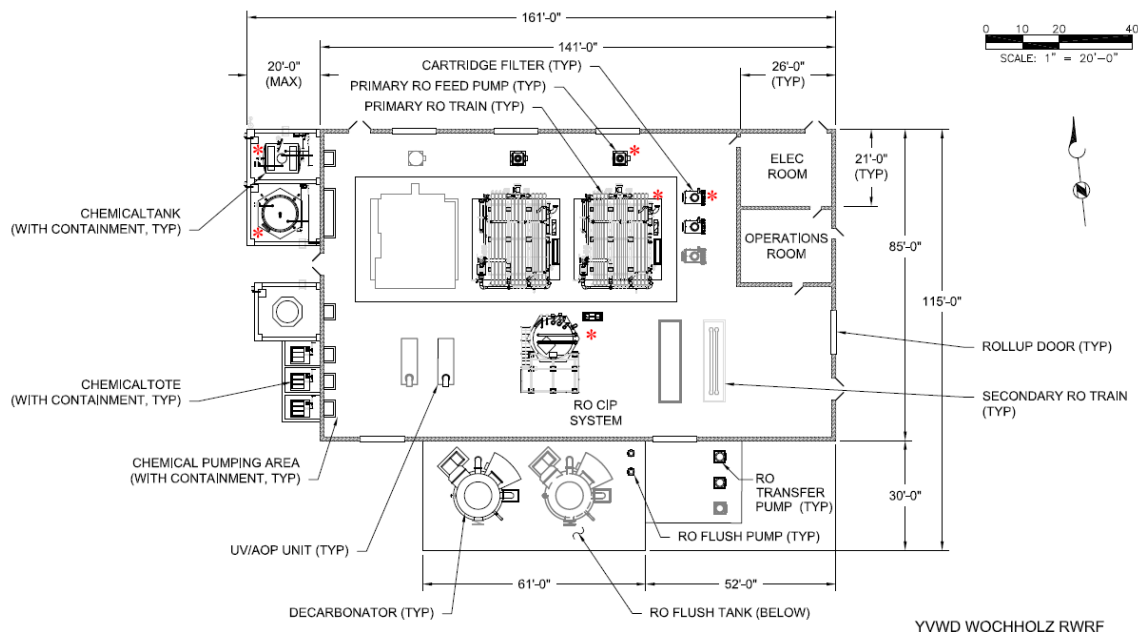
The Henry N. Wochholz Regional Water Reclamation Facility (WRWRF) produces recycled water using microfiltration with partial reverse osmosis to adjust salinity in order to comply with the Santa Ana Regional Water Quality Control Board Basin Plan. This exceptionally pure recycled water that can also be used to recharge groundwater basins in accordance with Article 5.2 of the State of California Groundwater Replenishment Regulations.

The District is proposing to upgrade the Wochholz Regional Water Reclamation Facility with the addition of the Salinity and Groundwater Enhancement (SAGE) Project. The SAGE Project will increase the reverse osmosis membrane capacity to achieve Full Advanced Treatment to produce a new source of water suitable for direct injection into the local groundwater basins. The nearly \$20 million SAGE Project will consist of the following components:

- **Microfiltration Tertiary Clarification** - The construction of two tertiary clarifiers will replace the existing lined pond structure located east of the existing microfiltration building.
- **Reverse Osmosis Transfer Pumps** - The Reverse Osmosis Transfer Pumps would convey microfiltration filtrate to the new reverse osmosis system.
- **Primary Reverse Osmosis System** - The primary reverse osmosis system will be designed for three treatment units that would produce a maximum of 5.91 mgd of total permeate flow.
- **Secondary Reverse Osmosis System** - The secondary reverse osmosis system operates differently than the primary reverse osmosis system in the fact that it operates with no concentrate flow and then periodically wastes the concentrate from the system. This closed-circuit desalination system is expected to reduce the amount of minerals discharged to the Inland Empire Brineline and Orange County Sanitation District.
- **Ultraviolet and Advanced Oxidation Process (UV/AOP)** - This process relies on photons from the ultraviolet spectrum to convert ozone in the presence of water to oxygen

and peroxide. The peroxide reacts with the ozone to form a hydroxyl radical ($-OH$) which is used to breakdown small molecules in the water.

- **Decarbonator** - The decarbonator will remove residual carbon dioxide produced from the UV/AOP oxidation process.
- **Lime Stabilization** - The water produced from the reverse osmosis system will be so clean that it will be corrosive to the pipes and fittings used in the recycled water system. The lime stabilization will add hardness and alkalinity back into the water as part of the process to control alkalinity and pH.



As we prepare to move into the final design stage of the SAGE Project, it is time to consider implementing Closed Circuit Reverse Osmosis (ccRO) technology. A ccRO system works by recirculating pressurized feedwater until a desired recovery level is achieved. Once the brine concentration increases in the closed system, it is discharged from the closed system and the volume of discharged brine is replaced with fresh feed water without stopping the flow of pressurized feed or permeate. A ccRO system can achieve recovery by recirculating and concentrating the brine solution and can therefore reach any desired recovery percentage in a single stage.



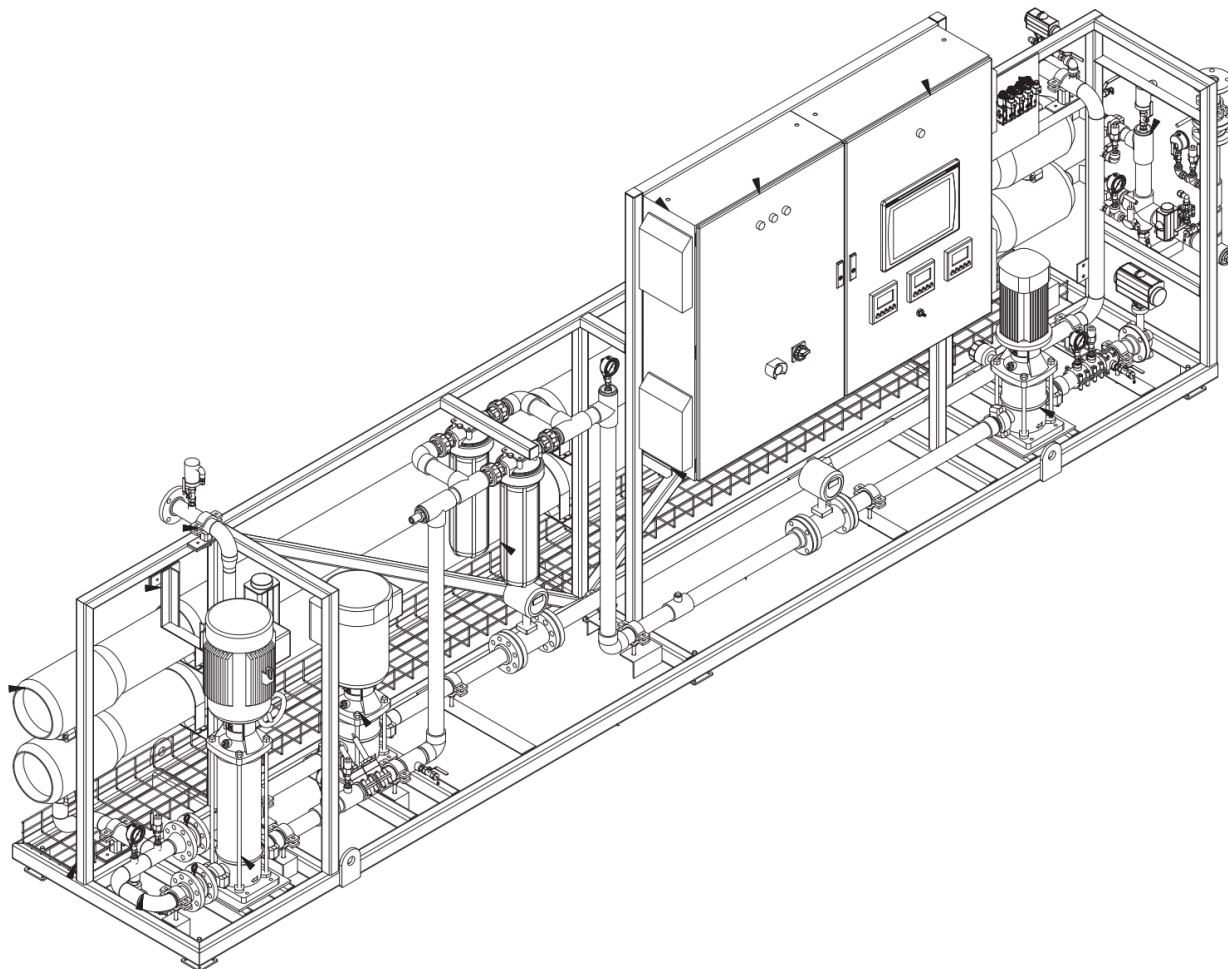
The use of a ccRO system can theoretically achieve a recovery rate of up to 98% in single stage. This level of recovery would result in saving (generating) more recycled water and reducing brine waste which is a significant cost for the District.

Purchase of a Closed Circuit Reverse Osmosis Pilot System

The District has obtained an estimated cost of \$186,615 for the purchase of the Desalitech equipment and related commissioning expenses.

Qty	Description	Unit Price	Extended Price	Tax	Total
1	ReFlex CCRO Model No. R1 (per section 5.1 scope)	\$127,543	\$127,543	\$9,885	\$137,428
Adders: (per section 5.1.1)					
5	Filmtec CR100i Membrane Elements	\$617	\$3,085	\$239	\$3,324
2	Feed (booster) Pump	\$1,800	\$3,600	\$279	\$3,879
1	Automatic Permeate Flush	\$553	\$553	\$43	\$596
6	Pressure Indicating Transducer Upgrade	\$289	\$1,734	\$134	\$1,868
1	Antiscalant Feed System	\$4,332	\$4,332	\$336	\$4,668
2	Chemical Feed System(s)	\$3,031	\$6,062	\$470	\$6,532
1	Clean In Place (CIP) tank with heater	\$4,669	\$4,669	\$362	\$5,031
Lot	Variable Frequency Drives (VFD's)	\$3,608	\$3,608	\$280	\$3,888
1	Load Panel (power supply, distribution & breakers)	\$7,302	\$7,302	\$566	\$7,868
Lot	Upgrade to NEMA 4 VFDs (or Integration into Enclosures)	\$2,119	\$2,119	\$164	\$2,283
	Total		\$164,607	\$12,757	\$177,364.04

	Factory Acceptance Test (FAT) witnessed by customer	\$2,250	\$2,250		\$2,250
4	Commissioning – not including travel expenses (additional days \$1,500 per day). 4th day for SS pipe passivation	\$1,750	\$7,000		\$7,000



The Board has an option to rent the ccRO system from Desalitech. The cost for a six month rental would be about \$80,000 plus \$7,500 for each additional month. However, by renting the equipment the District would not be able to conduct a longer test to validate water quality fluctuations between summer and winter. Additionally, the rental ccRO systems are not currently available. The earliest availability for a rental may be in February or March 2021. Desalitech will assign a higher priority to equipment to be purchased compared to the construction of the rental units. Therefore the purchased unit should arrive at the Wochholz Regional Water Recycling Facility before the end of the year (~16-18 weeks after the Notice to Proceed is issued).

If the District purchases the ccRO system, there is an option to sell the equipment after our study is completed for an estimated salvage value of 50-70% of the purchase price due to the current popularity of these units. However, at this time the District staff would favor the purchase of the equipment to be used to train operators to operate the equipment while the plant is in construction and new operators thereafter. Additionally, by owning the equipment the District staff will be able to test various RO membranes and antiscalant chemicals before applying them to the full-scale plant.

RESOLUTION NO. 2020-37

RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT AUTHORIZING FUND TRANSFER NO. 1 FOR FISCAL YEAR 2021 WITHIN THE SEWER ENTERPRISE

WHEREAS, the Yucaipa Valley Water District recognizes the importance of funding projects within the District with funds set aside for this purpose, and

WHEREAS, the Board of Directors has approved the purchase of a closed circuit reverse osmosis system to evaluate the technology to reduce future brine disposal costs at the Wochholz Regional Water Recycling Facility.

NOW, THEREFORE, the Board of Directors of the Yucaipa Valley Water District hereby RESOLVE, DETERMINE, and ORDER as follows:

Section 1: Fund Transfer No. 1 in the amount up to \$190,000 from the Sewer Fund Infrastructure Reserves (03-000-10311) to fund 100% of the purchase of the closed circuit reverse osmosis pilot testing system from Desalitech.

PASSED, APPROVED and ADOPTED this 25th day of August 2020.

YUCAIPA VALLEY WATER DISTRICT

Chris Mann, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager



Date: August 25, 2020

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Approval of the Terms and Conditions of Employment for Management-Exempt Employees of the Yucaipa Valley Water District

Recommendation: That the Board approve the Memorandum of Agreement with the Management-Exempt Employees as presented.

Attached is a Memorandum of Agreement with the Management-Exempt Employees of the Yucaipa Valley Water District for your review and consideration.

At this time, the Management-Exempt Employees do not recommend any changes to the MOA and the proposed contract is for six years through June 30, 2026.

MEMORANDUM OF AGREEMENT

TERMS AND CONDITIONS OF EMPLOYMENT FOR MANAGEMENT-EXEMPT EMPLOYEES OF THE YUCAIPA VALLEY WATER DISTRICT

The following are the terms and conditions of employment for the Management-Exempt Employees of the Yucaipa Valley Water District ("District" or "YVWD"), effective July 1, 2020, and ending on June 30, 2026. Each may be referred to herein as a "Party" and jointly as the "Parties".

1.0 Application. This Agreement applies to the Management - Exempt Employees of the District, and is entered into pursuant to the Meyer-Millias-Brown Act (Government Code Sections 3500-3511). Management - Exempt Employees are defined as those qualified employees primarily engaged in executive, administrative, or professional exempt duties and have authority, in the interest of the District, to hire, transfer, suspend, lay off, recall, promote, discharge, assign, reward, or discipline other employees, or responsibly to direct them, or to adjust their grievances, or effectively to recommend such action, if in connection with the foregoing the exercise of such authority is not of a merely routine or clerical nature, but requires the use of independent judgment.

This Agreement shall also apply to contract management employees, as applicable.

2.0 Term. This Agreement shall continue in effect for six (6) fiscal years until June 30, 2026 unless amended by mutual agreement between the Parties.

3.0 Merit Salary System. The Merit Salary system shall utilize a scale of 0% to 6% for the contract term only. In accordance with established negotiated practice evaluations shall be effective on April 1st of each year of the term of this Agreement.

4.0 Medical Insurance Provisions. During the term of this Agreement, the Management - Exempt Employees hereby assigns authority and discretion to the District's Board of Directors to select any medical plan similar to the coverage provided as of April 1, 2020. At each future change in cost for HMO medical provider coverage, the District's Board of Directors shall contribute a monthly amount equal to the average (except Health Net Salud y Mas) of the single employee, employee plus one, and family plans. The employee shall be responsible for any cost above that fixed amount paid by the District.

5.0 District Contribution to Public Employee Retirement System (PERS) Retirement. Effective February 26, 2018, the Classic PERS unit members shall be responsible for paying the employee portion of the PERS retirement contribution. Consistent with the Public Employees' Pension Reform Act of 2013, new members entering the Public Employees' Retirement System after January 1, 2013, shall contribute 8% of his/her gross salary to pay for the retirement benefits offered by PERS.

6.0 Salary Schedule. The District's Board of Directors reserves the sole and absolute right to evaluate and/or implement salary schedule adjustments or modifications during the term of this Agreement. The Salary Schedule shall be adjusted as provided in Exhibit "A"

7.0 Consistency with Other Bargaining Groups. If the other bargaining groups (General Employee or Management-Supervisory Employee) bargaining unit(s) receive an increase in compensation higher than the terms and conditions set forth in this Agreement with the Management - Exempt Employees, such increase(s) will also be granted to the Management - Exempt Employees up to June 30, 2026.

8.0 Implementation. All provisions within this Agreement shall become effective based on the approval date by the Yucaipa Valley Water District Board of Directors.

Management - Exempt Employees:

_____	_____
Authorized Representative	Date

_____	_____
Authorized Representative	Date

Yucaipa Valley Water District:

_____	_____
Chris Mann, President	Date

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2020

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$11,622	\$14,527	\$15,253			
249	\$11,487	\$14,358	\$15,076			
248	\$11,352	\$14,190	\$14,899	Chief Financial Officer		
247	\$11,217	\$14,021	\$14,722			
246	\$11,082	\$13,852	\$14,545			
245	\$10,947	\$13,683	\$14,368			
244	\$10,812	\$13,515	\$14,190			
243	\$10,677	\$13,346	\$14,013			
242	\$10,542	\$13,177	\$13,836			
241	\$10,407	\$13,009	\$13,659			
240	\$10,272	\$12,840	\$13,482			Integrated Operations Manager
239	\$10,137	\$12,671	\$13,305			
238	\$10,002	\$12,502	\$13,127			
237	\$9,867	\$12,334	\$12,950			
236	\$9,732	\$12,165	\$12,773	Implementation Manager		
235	\$9,597	\$11,996	\$12,596			
234	\$9,462	\$11,827	\$12,419		Public Works Manager	
233	\$9,327	\$11,659	\$12,242	Water Resource Manager		
232	\$9,192	\$11,490	\$12,065			
231	\$9,057	\$11,321	\$11,887			Operations Manager
230	\$8,922	\$11,153	\$11,710	Engineering Manager		
229	\$8,787	\$10,984	\$11,533			
228	\$8,652	\$10,815	\$11,356			
227	\$8,517	\$10,646	\$11,179			
226	\$8,382	\$10,478	\$11,002			
225	\$8,247	\$10,309	\$10,824			
224	\$8,112	\$10,140	\$10,647			
223	\$7,977	\$9,972	\$10,470			
222	\$7,842	\$9,803	\$10,293			
221	\$7,707	\$9,634	\$10,116			
220	\$7,572	\$9,465	\$9,939			

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2021

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$11,912	\$14,890	\$15,635			
249	\$11,774	\$14,717	\$15,453			
248	\$11,635	\$14,544	\$15,271	Chief Financial Officer		
247	\$11,497	\$14,371	\$15,090			
246	\$11,359	\$14,198	\$14,908			
245	\$11,220	\$14,025	\$14,727			
244	\$11,082	\$13,853	\$14,545			
243	\$10,944	\$13,680	\$14,364			
242	\$10,805	\$13,507	\$14,182			
241	\$10,667	\$13,334	\$14,000			
240	\$10,529	\$13,161	\$13,819			Integrated Operations Manager
239	\$10,390	\$12,988	\$13,637			
238	\$10,252	\$12,815	\$13,456			
237	\$10,114	\$12,642	\$13,274			
236	\$9,975	\$12,469	\$13,093	Implementation Manager		
235	\$9,837	\$12,296	\$12,911			
234	\$9,699	\$12,123	\$12,729		Public Works Manager	
233	\$9,560	\$11,950	\$12,548	Water Resource Manager		
232	\$9,422	\$11,777	\$12,366			
231	\$9,283	\$11,604	\$12,185			Operations Manager
230	\$9,145	\$11,431	\$12,003	Engineering Manager		
229	\$9,007	\$11,258	\$11,821			
228	\$8,868	\$11,086	\$11,640			
227	\$8,730	\$10,913	\$11,458			
226	\$8,592	\$10,740	\$11,277			
225	\$8,453	\$10,567	\$11,095			
224	\$8,315	\$10,394	\$10,914			
223	\$8,177	\$10,221	\$10,732			
222	\$8,038	\$10,048	\$10,550			
221	\$7,900	\$9,875	\$10,369			
220	\$7,762	\$9,702	\$10,187			

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2022

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$12,210	\$15,262	\$16,026			
249	\$12,068	\$15,085	\$15,839			
248	\$11,926	\$14,908	\$15,653	Chief Financial Officer		
247	\$11,785	\$14,731	\$15,467			
246	\$11,643	\$14,553	\$15,281			
245	\$11,501	\$14,376	\$15,095			
244	\$11,359	\$14,199	\$14,909			
243	\$11,217	\$14,022	\$14,723			
242	\$11,075	\$13,844	\$14,537			
241	\$10,934	\$13,667	\$14,350			
240	\$10,792	\$13,490	\$14,164			Integrated Operations Manager
239	\$10,650	\$13,313	\$13,978			
238	\$10,508	\$13,135	\$13,792			
237	\$10,366	\$12,958	\$13,606			
236	\$10,225	\$12,781	\$13,420	Implementation Manager		
235	\$10,083	\$12,604	\$13,234			
234	\$9,941	\$12,426	\$13,048		Public Works Manager	
233	\$9,799	\$12,249	\$12,861	Water Resource Manager		
232	\$9,657	\$12,072	\$12,675			
231	\$9,516	\$11,894	\$12,489			Operations Manager
230	\$9,374	\$11,717	\$12,303	Engineering Manager		
229	\$9,232	\$11,540	\$12,117			
228	\$9,090	\$11,363	\$11,931			
227	\$8,948	\$11,185	\$11,745			
226	\$8,807	\$11,008	\$11,559			
225	\$8,665	\$10,831	\$11,372			
224	\$8,523	\$10,654	\$11,186			
223	\$8,381	\$10,476	\$11,000			
222	\$8,239	\$10,299	\$10,814			
221	\$8,098	\$10,122	\$10,628			
220	\$7,956	\$9,945	\$10,442			

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2023

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$12,515	\$15,644	\$16,426			
249	\$12,370	\$15,462	\$16,235			
248	\$12,224	\$15,281	\$16,045	Chief Financial Officer		
247	\$12,079	\$15,099	\$15,854			
246	\$11,934	\$14,917	\$15,663			
245	\$11,788	\$14,736	\$15,472			
244	\$11,643	\$14,554	\$15,282			
243	\$11,498	\$14,372	\$15,091			
242	\$11,352	\$14,190	\$14,900			
241	\$11,207	\$14,009	\$14,709			
240	\$11,062	\$13,827	\$14,518			Integrated Operations Manager
239	\$10,916	\$13,645	\$14,328			
238	\$10,771	\$13,464	\$14,137			
237	\$10,626	\$13,282	\$13,946			
236	\$10,480	\$13,100	\$13,755	Implementation Manager		
235	\$10,335	\$12,919	\$13,565			
234	\$10,190	\$12,737	\$13,374		Public Works Manager	
233	\$10,044	\$12,555	\$13,183	Water Resource Manager		
232	\$9,899	\$12,374	\$12,992			
231	\$9,753	\$12,192	\$12,801			Operations Manager
230	\$9,608	\$12,010	\$12,611	Engineering Manager		
229	\$9,463	\$11,828	\$12,420			
228	\$9,317	\$11,647	\$12,229			
227	\$9,172	\$11,465	\$12,038			
226	\$9,027	\$11,283	\$11,848			
225	\$8,881	\$11,102	\$11,657			
224	\$8,736	\$10,920	\$11,466			
223	\$8,591	\$10,738	\$11,275			
222	\$8,445	\$10,557	\$11,084			
221	\$8,300	\$10,375	\$10,894			
220	\$8,155	\$10,193	\$10,703			

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2024

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$12,828	\$16,035	\$16,837			
249	\$12,679	\$15,849	\$16,641			
248	\$12,530	\$15,663	\$16,446	Chief Financial Officer		
247	\$12,381	\$15,476	\$16,250			
246	\$12,232	\$15,290	\$16,055			
245	\$12,083	\$15,104	\$15,859			
244	\$11,934	\$14,918	\$15,664			
243	\$11,785	\$14,731	\$15,468			
242	\$11,636	\$14,545	\$15,272			
241	\$11,487	\$14,359	\$15,077			
240	\$11,338	\$14,173	\$14,881			Integrated Operations Manager
239	\$11,189	\$13,987	\$14,686			
238	\$11,040	\$13,800	\$14,490			
237	\$10,891	\$13,614	\$14,295			
236	\$10,742	\$13,428	\$14,099	Implementation Manager		
235	\$10,593	\$13,242	\$13,904			
234	\$10,444	\$13,055	\$13,708		Public Works Manager	
233	\$10,295	\$12,869	\$13,513	Water Resource Manager		
232	\$10,146	\$12,683	\$13,317			
231	\$9,997	\$12,497	\$13,121			Operations Manager
230	\$9,848	\$12,310	\$12,926	Engineering Manager		
229	\$9,699	\$12,124	\$12,730			Regulatory Compliance Manager
228	\$9,550	\$11,938	\$12,535			
227	\$9,401	\$11,752	\$12,339			
226	\$9,252	\$11,565	\$12,144			
225	\$9,103	\$11,379	\$11,948			
224	\$8,954	\$11,193	\$11,753			
223	\$8,805	\$11,007	\$11,557			
222	\$8,656	\$10,821	\$11,362			
221	\$8,507	\$10,634	\$11,166			
220	\$8,358	\$10,448	\$10,970			

Yucaipa Valley Water District - Salary Ranges and Job Titles

Effective 7/1/2025

Range	Range Minimum	Range Maximum	Range Bonus	Administration Department	Public Works Departments	Water and Sewer Departments
250	\$13,149	\$16,436	\$17,258			
249	\$12,996	\$16,245	\$17,057			
248	\$12,843	\$16,054	\$16,857	Chief Financial Officer		
247	\$12,691	\$15,863	\$16,656			
246	\$12,538	\$15,672	\$16,456			
245	\$12,385	\$15,481	\$16,256			
244	\$12,232	\$15,291	\$16,055			
243	\$12,080	\$15,100	\$15,855			
242	\$11,927	\$14,909	\$15,654			
241	\$11,774	\$14,718	\$15,454			
240	\$11,622	\$14,527	\$15,253			Integrated Operations Manager
239	\$11,469	\$14,336	\$15,053			
238	\$11,316	\$14,145	\$14,853			
237	\$11,164	\$13,954	\$14,652			
236	\$11,011	\$13,763	\$14,452	Implementation Manager		
235	\$10,858	\$13,573	\$14,251			
234	\$10,705	\$13,382	\$14,051		Public Works Manager	
233	\$10,553	\$13,191	\$13,850	Water Resource Manager		
232	\$10,400	\$13,000	\$13,650			
231	\$10,247	\$12,809	\$13,450			Operations Manager
230	\$10,095	\$12,618	\$13,249	Engineering Manager		
229	\$9,942	\$12,427	\$13,049			Regulatory Compliance Manager
228	\$9,789	\$12,236	\$12,848			
227	\$9,636	\$12,045	\$12,648			
226	\$9,484	\$11,855	\$12,447			
225	\$9,331	\$11,664	\$12,247			
224	\$9,178	\$11,473	\$12,046			
223	\$9,026	\$11,282	\$11,846			
222	\$8,873	\$11,091	\$11,646			
221	\$8,720	\$10,900	\$11,445			
220	\$8,567	\$10,709	\$11,245			

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

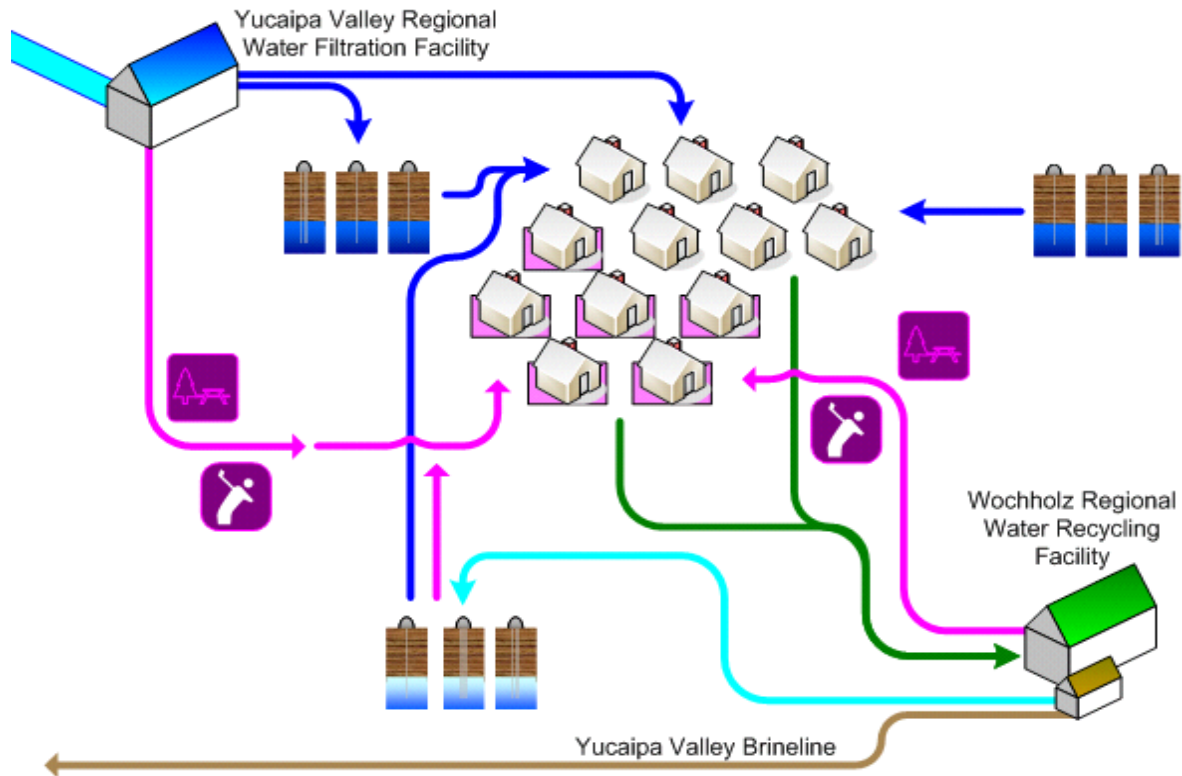
Water System: 223 miles of drinking water pipelines
2,033 fire hydrants
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
2.958 billion gallon annual drinking water demand
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa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