



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, June 15, 2021 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
Meeting ID: 676-950-731#**

**Participate in the meeting online 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.
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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 – June 1, 2021
 - 2. Board Meeting – June 8, 2021

V. STAFF REPORT

VI. DISCUSSION ITEMS

- A. Consideration of a Professional Services Contract with Qversa for the Water Division through June 30, 2022 [[Director Memorandum No. 21-107 - Page 20 of 41](#)]
RECOMMENDED ACTION: That the Board authorize the General Manager to sign an agreement with Qversa for support services for an amount not to exceed \$75,972 for fiscal year 2021-22.
- B. Consideration of Resolution No. 2021-32 Approving the Fund Transfer for the Purchase of Property at 30250 San Timoteo Canyon Road, Redlands [[Director Memorandum No. 21-108 - Page 22 of 41](#)]
RECOMMENDED ACTION: That the Board adopt Resolution No. 2021-32 to authorize the transfer of reserve funds for the purchase of property at 30250 San Timoteo Canyon Road, Redlands.
- C. Consideration of an Annexation Resolution No. 2021-33 for Property Located at 30250 San Timoteo Canyon Road (APN 413-030-015) [[Director Memorandum No. 21-109 - Page 24 of 41](#)]
RECOMMENDED ACTION: That the Board adopt Resolution No. 2021-33.
- D. Consideration of Resolution No. 2021-34 Declaring the Intent to Reimburse Project Expenditures with Bond Proceeds and Related Actions for the Regional Energy Water and Resource Development (REWaRD) Project [[Director Memorandum No. 21-110 - Page 28 of 41](#)]
RECOMMENDED ACTION: That the Board adopt Resolution No. 2021-34.

VII. BOARD REPORTS & DIRECTOR COMMENTS

VIII. ANNOUNCEMENTS

- A. June 22, 2021 at 4:00 p.m. - Board Meeting - **Teleconference Only**
- B. June 29, 2021 at **6:00 p.m. – Special Board Meeting (In Person)**
- C. July 6, 2021 at 4:00 p.m. - **Board Meeting Cancelled**
- D. July 13, 2021 at 4:00 p.m. - Board Meeting- **Teleconference Only**
- E. July 20, 2021 at 4:00 p.m. - Board Meeting
- F. July 27, 2021 at 4:00 p.m. - Board Meeting

IX. 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.

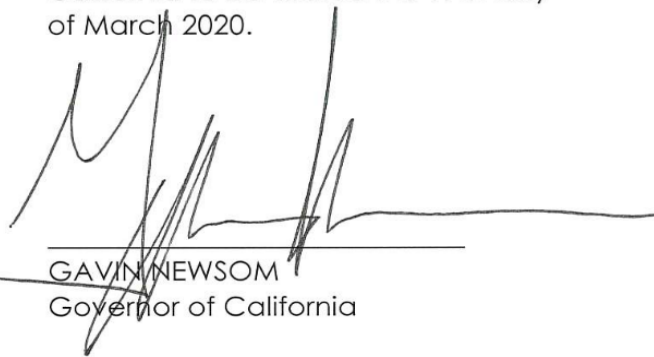
All of the foregoing provisions concerning the conduct of public meetings shall apply only during the period in which state or local public health officials have imposed or recommended social distancing measures.

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

June 1, 2021, at 4:00 pm

Directors Present:

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

Staff Present:

Wade Allsup, Information Systems Specialist
Madeline Blua, Water Resource Specialist
Jennifer Ares, Water Resource Manager
Allison Edmisten, Chief Financial Officer
Chelsie Fogus, Administrative Assistant I
Dustin Hochreiter, Senior Engineering Technician
Mike Kostelecky, Operations Manager
Tim Mackamul, Operations Manager
Matt Porras, Implementation Manager
Mike Rivera, Public Works Supervisor
Charles Thomas, Operations Manager
Joseph Zoba, General Manager

Directors Absent:

None

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Madeline Chen, Ortega Strategies Group
Michelle Lopez, News Mirror
Larry Smith, San Geronio Pass Water Agency

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 meeting identification number 676-950-731 and live presentation material was available at <https://zoom.us/j/676950731> using passcode 765589.

CALL TO ORDER

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

ROLL CALL

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

PUBLIC COMMENTS

None

CONSENT CALENDAR

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

A. Minutes of Meetings

1. Board Meeting - May 25, 2021

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Lonni Granlund - Yes
- Director Chris Mann - Yes
- Director Joyce McIntire - Yes

STAFF REPORT

General Manager Jospheh Zoba provided information about the following items:

- The District staff is working closely with the staff from the San Bernardino Valley Municipal Water District to prepare a funding application pursuant to the Water Infrastructure Funding and Innovation Act (WIFIA).
- On May 28, 2021, the District experienced a significant drinking water leak on Knoll Drive, Yucaipa. The District staff is currently working with the impacted homeowner and our insurance provider to remedy the impacts associated with the leak.
- The District staff received a copy of the final funding agreement from the State Water Resources Control Board for the Recycled Water Conveyance Pipeline to be constructed in Calimesa.

DISCUSSION ITEMS:

DM 21-095

CONSIDERATION OF A DEVELOPMENT AGREEMENT TO PROVIDE SEWER SERVICE FOR A PORTION OF TRACT 20415 RIDGECREST DRIVE, YUCAIPA (ASSESSOR PARCEL NUMBER 0300-581-01)

Senior Engineering Technician Dustin Hochreiter provided an overview of the southerly portion of Tract No. 20415 that will receive sewer service from the Yucaipa Valley Water District.

Director Lonni Granlund moved that the Board authorize the Board President to execute Development Agreement No. 2021-10.

Director Joyce McIntire seconded the motion.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Lonni Granlund - Yes
- Director Chris Mann - Yes
- Director Joyce McIntire - Yes

DM 21-096

AUTHORIZATION TO
SOLICIT BIDS FOR THE
INTERSTATE 10
DUNLAP SEWER
CROSSING PROJECT

Implementation Manager Matthew Porras provided an overview of the sewer mainline crossing of Interstate 10.

Director Joyce McIntire moved that the Board authorize the General Manager to solicit bids for the Interstate 10 Dunlap Sewer Crossing Project.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-097

APPROVAL OF
RESOLUTION NO. 2021-
30 REDESIGNATING
THE TIME AND PLACE
FOR HOLDING
REGULAR MEETINGS
OF THE BOARD OF
DIRECTORS

General Manager Joseph Zoba provided information about the anticipated return to in-person attendance at board meetings.

Director Jay Bogh moved that the Board adopt Resolution No. 2021-30.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-098

NOTIFICATION OF A
VACANCY ON THE
BOARD OF DIRECTORS
OF THE YUCAIPA
VALLEY WATER
DISTRICT - DIVISION 2

General Manager Joseph Zoba provided an overview of the current vacancy on the Board of Directors for Division 2.

Director Lonni Granlund moved that the Board authorize the General Manager to take the necessary steps to initiate the board member appointment process to select a member of the public to fill the remaining board member term for Division 2.

Director Joyce McIntire seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-099

ADOPTION OF THE
OPERATING BUDGET
AND CAPITAL
IMPROVEMENT PLAN
FOR FISCAL YEAR 2022

Chief Financial Officer Allison Edmisten provided a detailed overview of the proposed operating budget and capital improvement plan for fiscal year 2021-22.

Director Joyce McIntire moved that the Board adopt the budget and capital improvement program as presented.

Director Jay Bogh seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

BOARD REPORTS AND
DIRECTOR COMMENTS

Director Joyce McIntire reported on the San Gorgonio Pass Regional Water Alliance meeting held on May 26, 2021.

ANNOUNCEMENTS

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

CLOSED SESSION

Director Lonni Granlund, Director Chris Mann, and 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 item.

- A. Conference with Real Property Negotiator(s)
Property: Assessor's Parcel Number(s): 413-030-015
Agency Negotiator: Joseph Zoba, General Manager
Negotiating Parties: Stewart Shankel
Under Negotiation: Terms of Payment and Price

After reconvening out of closed session, Legal Counsel David Wysocki reported that Director Lonni Granlund moved that the Board submit an offer to purchase Assessor Parcel Number 413-030-015. 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

ADJOURNMENT

The meeting was adjourned at 5:25 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

MINUTES OF A BOARD MEETING - TELECONFERENCE

June 8, 2021, at 4:00 pm

Directors Present:

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

Staff Present:

Wade Allsup, Information Systems Specialist
Madeline Blua, Water Resource Specialist
Jennifer Ares, Water Resource Manager
Allison Edmisten, Chief Financial Officer
Dustin Hochreiter, Senior Engineering Technician
Ashley Gibson, Regulatory Compliance Manager
Mike Kostelecky, Operations Manager
Tim Mackamul, Operations Manager
Matt Porras, Implementation Manager
Mike Rivera, Public Works Supervisor
Charles Thomas, Operations Manager
John Wrobel, Public Works Manager
Joseph Zoba, General Manager

Directors Absent:

None

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Lora Carpenter, Fieldman Rolapp & Associates
Logan Largent, Ortega Strategies Group
Nyles O'Harra
John Ohanian, Oak Valley Development Company
Robert Porr, Fieldman Rolapp & Associates

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.

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CALL TO ORDER

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

ROLL CALL

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

PUBLIC COMMENTS

None

CONSENT CALENDAR

Consideration of the meeting minutes from the June 1, 2021, board meeting was continued to June 15, 2021.

STAFF REPORT

General Manager Joseph Zoba provided information about the following items:

- As of June 8, 2021, about 33% of California is experiencing exceptional drought conditions up from 26% last week. The District staff will continue to monitor the ongoing drought conditions.
- The Yucaipa Sustainable Groundwater Management Agency will be conducting a workshop meeting on Wednesday, June 9, 2021, at 10:00 am.
- The San Bernardino Valley Municipal Water District will be hosting the Advisory Commission on Water Policy on Thursday, June 10, 2021, at 6:30 pm.

DISCUSSION ITEMS:

DM 21-100

CONSIDERATION OF A SUPPORT SERVICE CONTRACT WITH Q VERSA, LLC FOR PROFESSIONAL SERVICES DURING FISCAL YEAR 2021-22 FOR THE SEWER DIVISION

Regulatory Compliance Manager Ashley Gibson provided an overview of the Qversa professional services contract for the sewer division.

Director Joyce McIntire moved that the Board authorize the General Manager to sign an agreement with Q Versa, LLC for support services for an amount not to exceed \$33,900 for fiscal year 2021-22.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

- Director Jay Bogh - Yes
- Director Lonni Granlund - Yes
- Director Chris Mann - Yes
- Director Joyce McIntire - Yes

DM 21-101

OVERVIEW OF THE 2021 GROUNDWATER AND SURFACE WATER MONITORING FOR THE

Water Resource Manager Jennifer Ares provided an overview of the 2021 groundwater and surface water monitoring program for 2021.

Director Lonni Granlund moved that the Board authorize the General Manager to execute a contract with Dudek for the 2021

YUCAIPA VALLEY
WATER DISTRICT'S
MAXIMUM BENEFIT
MONITORING
PROGRAM

Groundwater and Surface Water Monitoring for the Yucaipa Valley Water District's Maximum Benefit Monitoring Program at a sum not to exceed \$47,764.

Director Joyce McIntire seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-102

APPROVAL OF
AGREEMENT NO.
SWRCB**D2001002
WITH THE STATE
WATER RESOURCES
CONTROL BOARD FOR
THE CALIMESA
RECYCLED WATER
CONVEYANCE
PIPELINE

General Manager Joseph Zoba provided an overview of the State Water Resources Agreement for the funding of the Calimesa Regional Water Recycling Pipeline Project.

Director Joyce McIntire moved that the Board authorize the General Manager to take the necessary steps to execute the agreement and coordinate the final approval by the State Water Resources Control Board.

Director Jay Bogh seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-103

PRESENTATION OF
THE UNAUDITED
FINANCIAL REPORT
FOR THE PERIOD
ENDING ON MAY 31,
2021

Chief Financial Officer Allison Edmisten provided an overview of Unaudited Financial Report for May 2021.

Director Jay Bogh moved that the Board receive and file the unaudited financial report.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-104

SELECTION OF
FIELDMAN ROLAPP &

General Manager Joseph Zoba provided an overview of the selection of a financial advisor to assist with the funding of capital improvement projects.

ASSOCIATES AS THE
FINANCIAL ADVISOR
FIRM FOR THE
POTENTIAL
REFINANCING OF
DEBT AS WELL AS THE
ISSUANCE OF NEW
DEBT

Director Lonni Granlund moved that the Board authorize the General Manager to sign an agreement with Fieldman Rolapp & Associates for an amount not to exceed \$47,500.

Director Joyce McIntire seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-105

DISCUSSION
REGARDING THE
PROPERTY TRANSFER
OF THE SUMMERWIND
TRAILS INTERIM LIFT
STATION

General Manager Joseph Zoba provided an overview of the acquisition and anticipated disposal of the Interim Summerwind Lift Station.

Director Joyce McIntire moved that the Board authorize the General Manager to provide Birtcher Development permission to act on the District's behalf for the land use planning associated with the Interim Lift Station Property.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

DM 21-106

CONSIDERATION OF
RESOLUTION NO. 2021-
31 AUTHORIZING THE
PURCHASE OF
PROPERTY AT 30250
SAN TIMOTEO
CANYON ROAD,
REDLANDS (APN 413-
030-015)

General Manager Joseph Zoba provided an overview of the purchase of property located at 30250 San Timoteo Canyon Road (APN 413-30-015).

Director Jay Bogh moved that the Board adopt Resolution No. 2021-31 and authorize the General Manager to execute the necessary agreements and escrow documents to complete the property transaction for a sum not to exceed \$1,400,000.

Director Lonni Granlund seconded the motion.

The motion was approved by the following vote:

Director Jay Bogh - Yes
Director Lonni Granlund - Yes
Director Chris Mann - Yes
Director Joyce McIntire - Yes

BOARD REPORTS AND
DIRECTOR COMMENTS

Director Joyce McIntire reported on the Beaumont Basin Watermaster meeting held on June 2, 2021.

Director Joyce McIntire reported on the San Geronio Pass Water Agency meeting held on June 7, 2021.

Director Lonni Granlund reported on the Association of San Bernardino County Special Districts meeting held on June 7, 2021.

ANNOUNCEMENTS

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

ADJOURNMENT

The meeting was adjourned at 5:00 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: June 15, 2021

Task: 97387

Prepared By: Mike Kostelecky, Operations Manager

Subject: Consideration of a Professional Services Contract with Q Versa for the Water Division through June 30, 2022

Recommendation: That the Board authorize the General Manager to sign an agreement with Q Versa for support services for an amount not to exceed \$75,972 for fiscal year 2021-22.

Q Versa has provided important technical services to assist the staff of the Water Division with computer programming, systems controls, calibrations, and network hardware. As with all mechanical and computer related instruments, there is a continued effort to meet demands and even greater demand to plan for the future. The quality and readiness to complete these continued tasks have always been Q Versa’s strength.

After consideration for department needs, District staff requests to continue support services of 43 hours per month resulting in an annual budget of \$75,972. All tasks and hours will be approved by the Operations Manager or designee and will be tracked in Elements in Task No. 97387.

Q Versa’s labor rate is \$125 per hour (no change from prior year), which equates to \$5,375 per month with an additional amount of \$956 per month for travel totaling \$75,972 for the fiscal year. District staff recommends continuing support services with Q Versa through June 30, 2022.

Hourly Service Rates

No.	Service Description	Code	Unit	Rate		
				Regular	Overtime	Premium
1	Travel	TRVRATE	hour	\$65.00	\$97.50	\$130.00
2	Professional CAD Drafting Services	CADRATE	hour	\$100.00	N/A	N/A
3	Remote Support (ex. Modem, VPN)	REMRATE	hour	\$125.00	\$187.50	\$250.00
4	Field Service Technician	FSTRATE	hour	\$125.00	\$187.50	\$250.00
5	Field Service Engineer	FSERATE	hour	\$125.00	\$187.50	\$250.00
6	PLC/HMI/SCADA Programming	PRGRATE	hour	\$125.00	N/A	N/A
7	Engineering Consulting	CNSRATE	hour	\$125.00	N/A	N/A
8	Project Engineer / Project Manager	MGRRATE	hour	\$125.00	N/A	N/A

Regular Rate: Monday - Friday 7:00am-5:00pm

Overtime Rate: Monday - Friday after 5:00pm & Saturday 7:00am-5:00pm

Premium Rate: Saturday after 5:00pm, Sunday & Holidays

Note: A 4 hour minimum will be charged for all field service calls

Financial Impact

This expense is included in the Water Division, Treatment Department, R&M Structures and YVRWFF-Crystal Creek 2021-22 budget [G/L Accounts # 02-501-51003 and 02-501-57040].



Date: June 15, 2021 **Task:** New Asset

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Consideration of Resolution No. 2021-32 Approving the Fund Transfer for the Purchase of Property at 30250 San Timoteo Canyon Road, Redlands

Recommendation: That the Board adopt Resolution No. 2021-32 to authorize the transfer of reserve funds for the purchase of property at 30250 San Timoteo Canyon Road, Redlands.

On June 8, 2021, the Board of Directors approved the General Manager to execute the necessary agreements and escrow documents to complete the property transaction for the property located at 30250 San Timoteo Road, Redlands for a sum not to exceed \$1,400,000 [Director Memorandum 21-106].

The purpose of this memorandum is to authorize the transfer of reserve funds for the purchase of this property.

RESOLUTION NO. 2021-32

**RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT
TRANSFERRING FUNDS WITHIN THE SEWER FUND AS TRANSFER NO. 24 FOR
FISCAL YEAR 2021**

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

WHEREAS, the Board of Directors has authorized the purchase of property at 30250 San Timoteo Canyon Road, Redlands for a total sum not to exceed \$1,400,000.

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

Section 1: Fund Transfer No. 24 in the amount of \$1,400,000 from the Sewer Fund Infrastructure Reserves (03-000-10311) to fund the purchase of the property.

PASSED, APPROVED and ADOPTED this 15th day of June 2021.

YUCAIPA VALLEY WATER DISTRICT

Chris Mann, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager



Date: June 15, 2021

Prepared By: Joseph Zoba, General Manager

Subject: Consideration of an Annexation Resolution No. 2021-33 for Property Located at 30250 San Timoteo Canyon Road (APN 413-030-015)

Recommendation: That the Board adopt Resolution No. 2021-33.

The District staff is currently working with the San Bernardino Local Agency Formation Commission for the annexation of parcels into the service area boundary of the Yucaipa Valley Water District. The District should include the anticipated purchase of property located at 30250 San Timoteo Canyon Road into the annexation package with the San Bernardino County Local Agency Formation Commission.

RESOLUTION NO. 2021-33**A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT
REQUESTING THE LOCAL AGENCY FORMATION COMMISSION TAKE
PROCEEDINGS FOR THE ANNEXATION OF TERRITORY AT 30250 SAN TIMOTEO
CANYON ROAD, REDLANDS (APN 413-030-015)**

BE IT RESOLVED, by the Board of Directors of the Yucaipa Valley Water that:

WHEREAS, the Board of Directors of the Yucaipa Valley Water District desires to initiate proceedings pursuant to the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000, commencing with Section 56000 of the California Government Code, for the annexation of property to the Yucaipa Valley Water District; and,

WHEREAS, the territory proposed for annexation is set forth in Exhibit "A" attached hereto, and by this reference incorporated herein; and,

WHEREAS, the proposed annexation is consistent with the sphere of influence assigned by the Local Agency Formation Commission for the Yucaipa Valley Water District; and,

WHEREAS, the Yucaipa Valley Water District desires that the proposed annexation be subject to the following terms and conditions:

1. Drinking water, sewer and recycled water service shall be provided to the subject property pursuant to the rules and regulations of the Yucaipa Valley Water District.
2. All standards terms and conditions imposed by the Local Agency Formation Commission.
3. The owner(s) of the property shall be responsible for all costs incurred by the Yucaipa Valley Water District and the Local Agency Formation Commission pertaining to this annexation.

WHEREAS, the reason for the proposed annexation is to provide drinking water, recycled water, and/or sewer service to the anticipated development of the subject property.

NOW, THEREFORE, BE IT RESOLVED, that this resolution of Application is hereby approved and adopted by the Board of Directors of the Yucaipa Valley Water District, and the Local Agency Formation Commission for San Bernardino County is hereby requested to take proceedings for the annexation as described in Exhibit "A", in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000 as follows:

Section 1. This Resolution of Application is hereby adopted and approved by the Board of Directors of the Yucaipa Valley Water District, and the Local Agency Formation Commission for San Bernardino County is hereby requested to take proceedings for the annexation of territory as described above, according to the terms and conditions stated above and in the manner provided by the Cortese-Knox-Hertzberg Local Government Reorganization Act of 2000.

Section 2. The Yucaipa Valley Water District acknowledges and agrees to the Local Agency Formation Commission for San Bernardino County's requirement for imposing legal indemnification as outlined in Policy 3 of Chapter 2 of the Accounting and Financial Section of its Policy and Procedure Manual.

Section 3. The General Manager of the Yucaipa Valley Water District is hereby directed and authorized to execute, on behalf of the District, the justification for proposal and supplemental form for the annexation which includes the preparation and certifying of the Plan for Service and Fiscal Impact Analysis, copies of which are on file in the District office.

BE IT FURTHER RESOLVED that the Secretary of the Yucaipa Valley Water District is hereby authorized and directed to transmit to the Executive Officer of the Local Agency Formation Commission a certified copy of this Resolution.

PASSED, APPROVED and ADOPTED this 15th day of June 2021.

YUCAIPA VALLEY WATER DISTRICT

Chris Mann, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager

Exhibit "A"





Date: June 15, 2021

Prepared By: Joseph Zoba, General Manager

Subject: Consideration of Resolution No. 2021-34 Declaring the Intent to Reimburse Project Expenditures with Bond Proceeds and Related Actions for the Regional Energy Water and Resource Development (REWaRD) Project

Recommendation: That the Board adopt Resolution No. 2021-34.

The District staff is currently working with the San Bernardino Valley Municipal Water District and other entities to secure Water Infrastructure Finance and Innovation Act (WIFIA) funding for regional projects. The District staff is prepared to submit the Regional Energy Water and Resource Development (REWaRD) Project to be part of the proposed regional funding opportunity.

The REWaRD Project include the full integration of the following project components:

- **Salinity and Groundwater Enhancement (SAGE) Project** - The SAGE Project involves the relocation and expansion of the existing reverse osmosis membrane treatment system at the Wochholz Regional Water Recycling Facility. The related facilities for this equipment will also include a tertiary clarifier, reverse osmosis flush tank, decarbonator, and clean in place systems. The purpose of the SAGE Project is to purify the recycled water produced by the Wochholz Regional Water Recycling Facility to allow for groundwater injection and recharge.
- **Calimesa Aquifer Storage and Recovery (ASR) Project** - The Calimesa ASR Project involves the construction of several injection and extraction wells to fully utilize the recycled water produced from the Salinity and Groundwater Enhancement (SAGE) Project. These wells will allow for the storage of recycled water and extraction of drinking water in the Calimesa area.
- **Calimesa Regional Recycled Water Pipeline Project** - The Calimesa Regional Recycled Water Pipeline Project involves the construction of a recycled water transmission pipeline that will provide recycled water to dual-plumbed homes in Calimesa and supply recycled water to the Calimesa ASR Project.
- **R-12.5 Recycled Water Reservoir** - The R-12.5 Recycled Water Reservoir Complex is needed for the Calimesa Aquifer Storage and Recovery (ASR) Project as well as the sustainable construction of dual-plumbed communities in the Calimesa area.
- **Wochholz Regional Water Recycling Facility (WRWRF) Energy Resiliency Project** - The District is preparing to add energy resiliency equipment at the Wochholz Regional Water Recycling Facility that will include solar panels, battery storage equipment, and a

natural gas generator. In order to construct this microgrid facility, the District will extend natural gas service and an access roadway to the Wochholz Regional Water Recycling Facility.

- **Yucaipa Valley Regional Water Filtration Facility (YVRWFF) Energy Resiliency Project** - The District is preparing to add energy resiliency equipment at the Yucaipa Valley Regional Water Filtration Facility that will include solar panels, battery storage equipment, and a natural gas generator. In order to construct this microgrid facility, the District will extend natural gas service and make other improvements to the Yucaipa Valley Regional Water Filtration Facility.
- **Pressure Zone 11 Recycled Water Pipeline and Booster Station Project** - The District has installed some of the equipment needed for the construction of a recycled water booster station at the R-10 Recycled Water Reservoir Complex to lift water to the planned R-11 Recycled Water Reservoir. The booster facility will be connected to Pressure Zone 11 pipelines with the construction of approximately five miles of 20" recycled water conveyance pipeline.
- **Resource Ranch Water Capture and Recharge Facility** - The District is planning to purchase approximately 50 acres for the construction of recharge facilities needed to recharge the San Timoteo Groundwater Basin with stormwater and high purity recycled water in order to enhance existing habitat resources. The spreading operations at the Resource Ranch will require the construction of spreading basins, two 150,000 gallon recycled water storage reservoirs, and associated pipeline facilities to provide fire protection, basin recharge, and discharge capabilities at this facility.

RESOLUTION NO. 2021-34

A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT DECLARING ITS OFFICIAL INTENT TO REIMBURSE PROJECT EXPENDITURES WITH BOND PROCEEDS AND RELATED ACTIONS FOR THE REGIONAL ENERGY WATER AND RESOURCE DEVELOPMENT (REWARD) PROJECT

WHEREAS, the Yucaipa Valley Water District (the "District") intends to provide for the issuance and sale of special tax, special assessment, Water Infrastructure Finance and Innovation Act (WIFIA), or other bonds (the "Bonds") to finance certain capital costs.

WHEREAS, the anticipated Bonds will be used to finance the Regional Energy Water and Resource Development REWaRD Project (the "Improvements") which includes the following project elements:

- **Salinity and Groundwater Enhancement (SAGE) Project** - The SAGE Project involves the relocation and expansion of the existing reverse osmosis membrane treatment system at the Wochholz Regional Water Recycling Facility. The related facilities for this equipment will also include a tertiary clarifier, reverse osmosis flush tank, decarbonator, and clean in place systems. The purpose of the SAGE Project is to purify the recycled water produced by the Wochholz Regional Water Recycling Facility to allow for groundwater injection and recharge.
- **Calimesa Aquifer Storage and Recovery (ASR) Project** - The Calimesa ASR Project involves the construction of several injection and extraction wells to fully utilize the recycled water produced from the Salinity and Groundwater Enhancement (SAGE) Project. These wells will allow for the storage of recycled water and extraction of drinking water in the Calimesa area.
- **Calimesa Regional Recycled Water Pipeline Project** - The Calimesa Regional Recycled Water Pipeline Project involves the construction of a recycled water transmission pipeline that will provide recycled water to dual-plumbed homes in Calimesa and supply recycled water to the Calimesa ASR Project.
- **R-12.5 Recycled Water Reservoir** - The R-12.5 Recycled Water Reservoir Complex is needed for the Calimesa Aquifer Storage and Recovery (ASR) Project as well as the sustainable construction of dual-plumbed communities in the Calimesa area.
- **Wochholz Regional Water Recycling Facility (WRWRF) Energy Resiliency Project** - The District is preparing to add energy resiliency equipment at the Wochholz Regional Water Recycling Facility that will include solar panels, battery storage equipment, and a natural gas generator. In order to construct this microgrid facility, the District will extend natural gas service and an access roadway to the Wochholz Regional Water Recycling Facility.
- **Yucaipa Valley Regional Water Filtration Facility (YVRWFF) Energy Resiliency Project** - The District is preparing to add energy resiliency equipment at the Yucaipa Valley Regional Water Filtration Facility that will include solar panels, battery storage equipment, and a natural gas generator. In order to construct this microgrid facility, the

District will extend natural gas service and make other improvements to the Yucaipa Valley Regional Water Filtration Facility.

- **Pressure Zone 11 Recycled Water Pipeline and Booster Station Project** - The District has installed some of the equipment needed for the construction of a recycled water booster station at the R-10 Recycled Water Reservoir Complex to lift water to the planned R-11 Recycled Water Reservoir. The booster facility will be connected to Pressure Zone 11 pipelines with the construction of approximately five miles of 20" recycled water conveyance pipeline.
- **Resource Ranch Water Capture and Recharge Facility** - The District is planning to purchase approximately 50 acres for the construction of recharge facilities needed to recharge the San Timoteo Groundwater Basin with stormwater and high purity recycled water in order to enhance existing habitat resources. The spreading operations at the Resource Ranch will require the construction of spreading basins, two 150,000 gallon recycled water storage reservoirs, and associated pipeline facilities to provide fire protection, basin recharge, and discharge capabilities at this facility.

WHEREAS, beginning the 60-day period prior to the date hereof, the District has paid or incurred, or expects to pay or incur, costs with respect to the Improvements prior to the issuance of the Bonds.

WHEREAS, in order to reimburse for the payment, or pay unpaid costs, of the Improvements, the District anticipates the debt obligations in an amount not expected to exceed \$95 million for the purpose of financing the Improvements and other capital costs and development fees.

WHEREAS, proceeds of such debt obligations (including the Bonds) will be allocated to reimbursement expenditures no later than 18 months after the later of (i) the date the cost is paid, or (ii) the date the Improvements are placed in service or abandoned (but in no event more than three years after the cost is paid).

WHEREAS, the District is the applicable authorized entity to declare its reasonable official intent to reimburse prior expenditures for the Improvements with proceeds of indebtedness.

WHEREAS, Section 1.150-2 of the Treasury Regulations requires the District to declare its reasonable official intent to reimburse prior expenditures for the Improvements with proceeds of indebtedness.

WHEREAS, the District wishes to declare its official intent to use proceeds of indebtedness (such as the Bonds) to reimburse expenditures paid with the Improvements before any obligations are issued and to finance the Improvements on a long-term basis with the proceeds of such indebtedness.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE YUCAIPA VALLEY WATER DISTRICT HEREBY RESOLVES AND APPROVES AS FOLLOWS:

SECTION 1. All of the recitals herein contained are true and correct and the Board of Directors (the "Board of Directors") so finds.

SECTION 2. This Resolution is adopted by the Board of Directors solely for purposes of establishing compliance with the requirements of Section 1.150-2 of the Treasury

Regulations. Unless otherwise defined, terms used herein shall have the meaning set forth in the Internal Revenue Code of 1986 and in Section 1.150-2 of the Treasury Regulations. This Resolution does not bind the District to make any expenditure, incur any indebtedness, or proceed with the Improvements.

SECTION 3. The officers, employees and agents of the District are hereby authorized and directed, jointly and severally, to do any and all things which they may deem necessary or advisable in order to consummate the actions herein authorized and otherwise to carry out, give effect to and comply with the terms and intent of this Resolution.

SECTION 4. All actions heretofore taken by the officers, employees, and agents of the District with respect to the actions set forth above are hereby approved, confirmed, and ratified.

SECTION 5. This Resolution shall take effect immediately upon its adoption.

ADOPTED this 15th day of June 2021.

YUCAIPA VALLEY WATER DISTRICT

Chris Mann, President of the Board

ATTEST:

Joseph B. Zoba, Secretary of the Board

(SEAL)

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 2020-21 Operating Budget: Water Division - \$16,716,488
Sewer Division - \$12,869,897
Recycled Water Division - \$1,270,360

Number of Services: 14,440 drinking water connections serving 19,355 units
14,363 sewer connections serving 21,429 units
695 recycled water connections serving 845 units

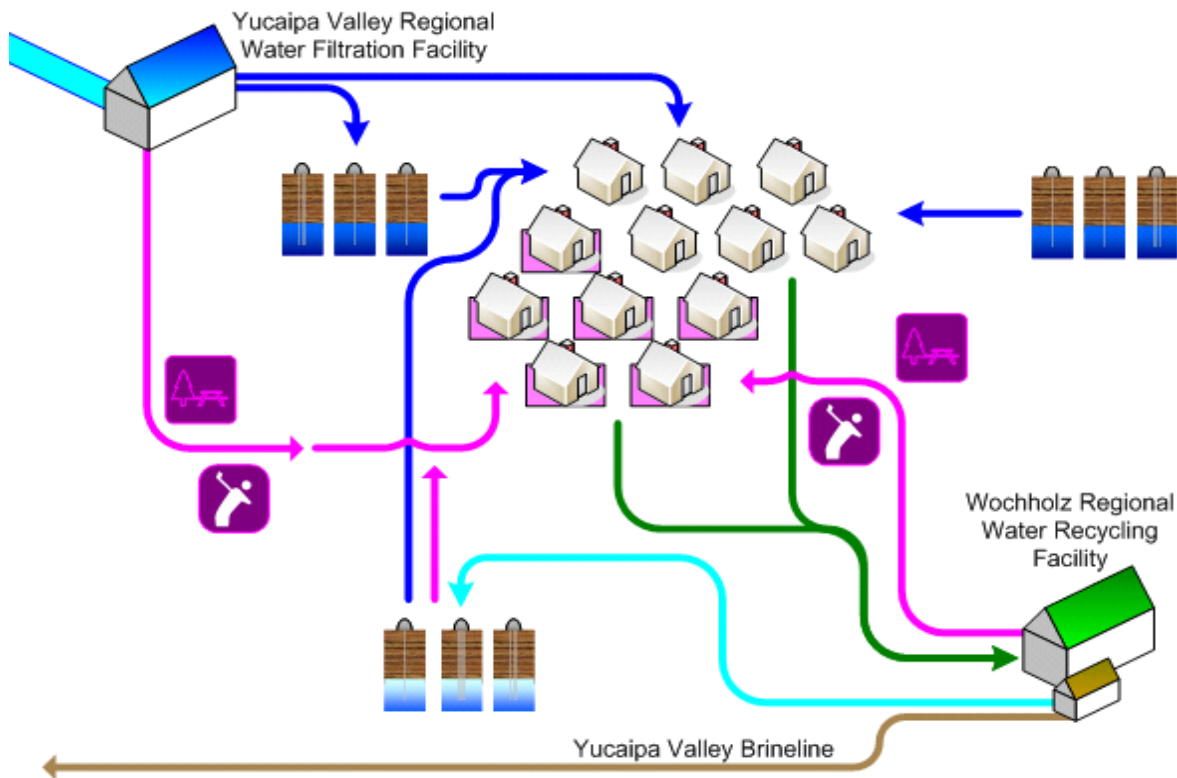
Water System: 234 miles of drinking water pipelines
2,103 fire hydrants
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
3.376 billion gallon annual drinking water demand
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

Sewer System: 8.0 million gallon treatment capacity - current flow at 4.0 mgd
222 miles of sewer mainlines
4,639 sewer manholes
7 sewer lift stations
1.46 billion gallons of recycled water produced per year

Recycled Water: 32 miles of recycled water pipelines
5 reservoirs - 12 million gallons of storage
0.623 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	\$1.579 per each 1,000 gallons
16,000 gallons to 60,000 gallons	\$2.131 per each 1,000 gallons
61,000 gallons to 100,000 gallons	\$2.435 per each 1,000 gallons
101,000 gallons or more	\$2.668 per each 1,000 gallons

- Recycled Water Commodity Charge:

1,000 gallons or more	\$1.760 per each 1,000 gallons
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- Water Meter Service Charge (Drinking Water or Recycled Water):

5/8" x 3/4" Water Meter	\$16.00 per month
1" Water Meter	\$26.72 per month
1-1/2" Water Meter	\$53.28 per month

- Sewer Collection and Treatment Charge:

Typical Residential Charge	\$44.21 per month
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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 2020-21	\$48,519,000	\$8,692,000

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 rate change of up 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