



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 16, 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> ([Click here](#))**

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 - June 9, 2020
- B. Payment of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for May 2020

V. STAFF REPORT

- A. Status Report Regarding the Proclamation of a Local Emergency Related to the Coronavirus and COVID-19 in the Yucaipa Valley Water District Service Area within the Counties of Riverside and San Bernardino [[Director Memorandum No. 20-097 - Page 23 of 111](#)]

RECOMMENDED ACTION: Pending

- B. Overview of the Integration of Drinking Water, Recycled Water, Sewer, and Brine Disposal Infrastructure of the Yucaipa Valley Water District [[Director Memorandum No. 20-098 - Page 31 of 111](#)]

RECOMMENDED ACTION: Staff Presentation - No Action Required.

- C. Authorization to Conduct an Evaluation Study of the Desalitech Closed Circuit Reverse Osmosis System [[Director Memorandum No. 20-099 - Page 32 of 111](#)]

RECOMMENDED ACTION: That the Board authorize the General Manager to Contract with Separation Processes to perform a pilot study to evaluate the Closed Circuit Reverse Osmosis system for a sum not to exceed \$192,860.

- D. Discussion Regarding the Principles of Agreement for the Regional Coordination and Achievement of Common Goals between the San Bernardino Valley Municipal Water District, San Geronio Pass Water Agency, and the Yucaipa Valley Water District [[Director Memorandum No. 20-100 - Page 43 of 111](#)]

RECOMMENDED ACTION: Pending

- E. Presentation of the Unaudited Financial Report for the Period Ending on May 31, 2020 [[Director Memorandum No. 20-101 - Page 47 of 111](#)]

RECOMMENDED ACTION: That the Board receive and file the unaudited financial report.

- F. Receipt and Acknowledgement of the Audit Planning Letter for Fiscal Year 2019-20 with Davis Farr [[Director Memorandum No. 20-102 - Page 71 of 111](#)]

RECOMMENDED ACTION: That the Board receive the annual planning letter from Davis Farr.

- G. Renewal of General Insurance Coverage for Fiscal Year 2021 [[Director Memorandum No. 20-103 - Page 74 of 111](#)]

RECOMMENDED ACTION: That the Board authorize the General Manager to execute the necessary documents for property/liability insurance policy coverage from Allied World Assurance Coverage for the amount of \$237,372.

- H. Authorization to Proceed with the Final Design of Recycled Water Improvements at the R-16.2 Reservoir Complex [[Director Memorandum No. 20-104 - Page 98 of 111](#)]

RECOMMENDED ACTION: That the Board authorize the General Manager to initiate the design of the recycled water reservoir R-16.2, recycled water pipeline, and a booster station for a sum not to exceed \$206,800.

VI. BOARD REPORTS & DIRECTOR COMMENTS

VII. ANNOUNCEMENTS

- A. June 23, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- B. June 30, 2020 at 4:00 p.m. - Board Meeting - Meeting Cancelled
- C. July 7, 2020 at 4:00 p.m. - Board Meeting - Meeting Cancelled
- D. July 14, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- E. July 21, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- F. July 28, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- G. August 4, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- H. August 11, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only
- I. August 18, 2020 at 4:00 p.m. - Board Meeting - Teleconference Only

VIII. ADJOURNMENT

**EXECUTIVE DEPARTMENT
STATE OF CALIFORNIA**

EXECUTIVE ORDER N-29-20

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

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

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

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

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

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

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

IT IS HEREBY ORDERED THAT:

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

otherwise-applicable Medicaid time limits in emergency situations.

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

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

In particular, any otherwise-applicable requirements that

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

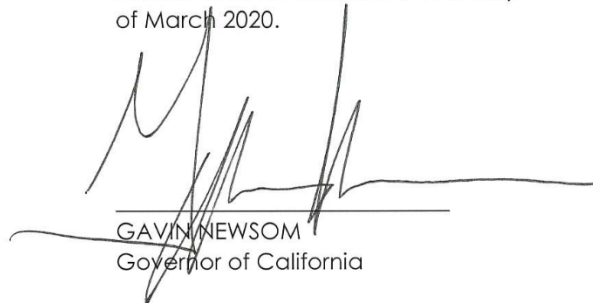
All of the foregoing provisions concerning the conduct of public meetings shall apply only during the period in which state or local public health officials have imposed or recommended social distancing measures.

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 9, 2020 at 4:00 P.M.

Directors Present:

Chris Mann, President
Lonni Granlund, Vice President
Joyce McIntire, Director
Dennis Miller, 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
Kathryn Hallberg, Implementation Manager
Dustin Hochreiter, Senior Engineering Technician
Mike Kostecky, Operations Manager
Tim Mackamul, Operations Manager
Matthew Porras, Implementation Manager
John Wrobel, Public Works Manager
Joseph Zoba, General Manager

Directors Absent:

Jay Bogh, Director

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

John Covington, Beaumont Cherry Valley Water District
Ron Duncan, San Geronio Pass Water Agency
Dan Jagers, Beaumont Cherry Valley Water District
Michele Staples, Jackson Tidus
Michael Thornton, TKE Engineering
Fred Riedman
John Sisley

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 and Director Lonni Granlund, Director Chris Mann, Director Joyce McIntire and Director Dennis Miller were present.

Director Jay Bogh was absent.

PUBLIC COMMENTS

None

CONSENT CALENDAR

Director Dennis Miller moved to approve the consent calendar and Director Lonni Granlund seconded the motion.

A. Minutes of Meetings

1. Board Meeting - June 2, 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 - Yes

STAFF REPORT

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

- On Monday, June 8, 2020, the San Geronio Pass Water Agency discussed the Principles of Agreement concepts prepared by Tim Moore of Risk Sciences. The Yucaipa Valley Water District's ad hoc committee members will be meeting on Wednesday, June 10, 2020 to discuss the Principles of Agreement.

DISCUSSION ITEMS:

DM 20-093

DISCUSSION
REGARDING METER
TESTING AND
CALIBRATION
SERVICES FOR LARGE
PRODUCTION METERS

Water Resource Manager Jennifer Ares and Water Resource Specialist Madeline Blua discussed the need to continue the testing and calibration of large water meters throughout the District.

Director Joyce McIntire moved that the Board authorize the District staff to contract with McCall's Meters for a sum not to exceed \$6,250.

Director Lonni Granlund 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 - Yes

DM 20-094

STATUS REPORT OF
THE REPLACEMENT OF
THE DRINKING WATER
RESERVOIR R-16.6 -
CALIMESA

Implementation Manager Matthew Porras provided a status report on the replacement of Reservoir R-16.6 in Calimesa.

The reservoir is essentially complete with onsite piping being completed at this time.

DM 20-095

CONSIDERATION OF
RESOLUTION NO. 2020-
31 REAFFIRMING THE
BUNDLED SERVICE
POLICY WITHIN THE
SERVICE AREA OF THE
BEAUMONT CHERRY
VALLEY WATER
DISTRICT

General Manager Joseph Zoba provided a detailed overview of the history and issues involved in the District's bundled water service policy.

Michael Thornton suggested that the Board of Directors not adopt Resolution No. 2020-31 and instead consider each project that needs service on a case-by-case basis.

Director Lonni Granlund moved that the Board adopt Resolution No. 2020-31.

Director Dennis Miller 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 - Yes

DM 20-096

DISCUSSION
REGARDING THE
CANCELLATION OF
TWO CONSECUTIVE
SCHEDULED BOARD
MEETINGS

General Manager Joseph Zoba suggested that Board of Directors cancel the scheduled weekly board meetings on June 30, 2020 and July 7, 2020.

Director Dennis Miller moved that the Board cancel the scheduled board meetings on June 30, 2020 and July 7, 2020.

Director Lonni Granlund 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 - Yes

BOARD REPORTS AND
DIRECTOR COMMENTS

Director Joyce McIntire reported on the San Gorgonio Pass Water Agency Engineering Workshop held on June 8, 2020.

ANNOUNCEMENTS

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

CLOSED SESSION

None

ADJOURNMENT

The meeting was adjourned at 4:35 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

Board Awarded Contracts
Consent Calendar Board Meeting - June 16, 2020

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining
Law Office of David L. Wysocki - FY 2019 Legal Services (Operating)	- -	*-5-06-54107	- -	- -	\$60,116	\$4,313	\$64,429		
DDB Engineering (R-Reserves) Application to DDW for the Recharge at Wilson Creek Basins	15-086	04-19771	- -	\$35,900	\$25,395	\$0	\$25,395	\$10,505	29%
Delta Partners \$90,000 per year-LegislativeConsult (exp 12/18) W/S Oper Three Year Contract Extension (exp 12/2021)	13-079 19-052	*-5-06-54109 *5-06-54109	\$90,000 \$270,000	\$360,000	\$195,000	\$15,000	\$210,000	\$150,000	42%
Dudek (S-Operating) 2019 -Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	19-045	03-5-06-54109	- -	\$89,426	\$74,114	\$0	\$74,114	\$15,312	17%
Dudek (S-Operating) 2020 -Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	20-038	03-5-06-54109	- -	\$52,338			\$0	\$52,338	100%
2018 -HMP in San Timoteo Creek		03-5-06-57030	- -	\$56,340	\$53,335	\$0	\$53,335	\$3,005	5%
Dudek (S-Operating) 2019 -Habitat Monitoring Program (HMP) in San Timoteo Creek	19-044	65-15339 03-5-06-57030	- -	\$73,830	\$69,280		\$69,280	\$4,550	6%
Dudek (S-Operating) 2020 -Habitat Monitoring Program (HMP) in San Timoteo Creek	20-037	65-15339 03-5-06-57030	- -	\$52,660	\$2,890		\$2,890	\$49,770	95%
Dudek (W/S Operating) Insepction of Proposed Sites for Remote Telemetry	17-059	0*-5-06-54109	- -	\$10,775	\$5,428	\$0	\$5,428	\$5,348	50%
Dudek (W/S/R Operating) Developing a Comprehensive Database Management System (DMS) Amendment #1	17-084 0*-5-06-54109	65-26145 \$89,750 \$6,600	- -	\$96,350	\$95,626	\$0	\$95,626	\$724	1%
Dudek (Sewer Operating) WWTP BioWin Modeling	19-041	03-506-54109	- -	\$29,235	\$32,361	\$0	\$32,361	(\$3,126)	-11%
ECORP (W/S Reserves) Prepare Study/Mitigated Negative Declaration/Oak Valley Recharge DM 19-039 Ratification of original contract-addt'l sum not to exceed \$4500.00	02-5-06-54109 18-157 19-093	77-32719	\$47,520 \$4,500	\$52,020	\$25,974	\$0	\$25,974	\$26,046	50%
ECORP (W/S Reserves) YVWD-Salinity and Groundwater Enhancement (Sage) Project W/S Reserves	03-502-51003 19-022	88-23792		\$9,645	\$266	\$0	\$266	\$9,379	97%
Geoscience (R-Operating) Preparation of a groundwater model for the Gateway Basin	14-070	04-5-06-54109	\$35,320	\$51,710	\$49,284	\$0	\$49,284	\$2,426	5%

Board Awarded Contracts
Consent Calendar Board Meeting - June 16, 2020

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining
CO #1 - preparation of groundwater model	15-010		\$16,390						
Geoscience (W-Operating)		02-5-06-54109		\$172,006	\$161,252	\$0	\$161,252	\$10,754	6%
Calculation of Water Budgets for Validation of Annual Change in Storage	16-058		\$130,236						
Exp of the Yucaipa Watershed & Yucaipa Groundwater Basin Model	16-110		\$41,770						
Geoscience									
Pilot Recharge Testing of the Beaumont Basin (S-Reserves) \$326,956	18-140	03-5-06-54109	- -	\$974,251	\$799,823	\$42,157	\$841,980	\$132,271	14%
Amendment #1 -DM 19-057 - \$101,464	19-057								
Amendment #2 -DM 19-097 - \$456,064	19-097								
Amendment #3 -DM 19-125 - \$89,767	19-125								
Geoscience									
Monitoring Wells in San Timoteo Cyn-\$24,556.00	19-076	02-5-06-54109	- -	\$32,056	\$32,019	\$0	\$32,019	\$37	0%
Amendment No. 1 \$7500.00	20-039								
Geoscience									
Tracer Study Analysis at Wilson Creek Spreading Basins (\$34,560.00)	19-024	02-5-06-54109	- -	\$42,490	\$36,222	\$0	\$36,222	\$6,268	15%
DM 20-008 Budget Amendment for the Tracer Study (\$7,930.00)_	20-008								
HDR (W-Operating)									
Perform Tracer Study on R13.1 Clearwell at YVRWFF	17-068	02-5-06-54109	\$37,726 \$4,000	\$41,726	\$41,319	\$0	\$41,319	\$407	1%
Inland Potable Services									
Reservoir Cleaning and Inspection Services/expires 2021(Water & Recycled)	18-158	*5-01-51003	- -	\$175,593	\$157,126	\$0	\$157,126	\$18,467	11%
2019- (15)Reservoirs-43,537.00- DM 19-038 Change Order to Increase 35,900.00	19-038								
2020- (16)Reservoirs 54,540.00									
2021- (17)Reservoirs-41,616.00									
Krieger & Stewart									
Initiate Design of R-12.4 (W-Reserves)	04-164	65-295	\$74,900	\$585,100	\$552,636	\$0	\$552,636	\$32,464	6%
TO#4 Revised	05-075		\$600						
TO#4, Amendment #2	14-014		\$45,000						
TO#5- Construction Mgmt Services	14-092		\$482,500						
TO#5, Amendment #1 - Construction Mmgmt Services	16-069		\$102,600						
TO#5, Design R-13.4 and H-2 Reservoirs for JP Ranch	05-083	65-180	\$47,400	\$79,000	\$50,471	\$0	\$50,471	\$28,529	36%
60% R-13.4 and 40% H-2 (Developer Funds)	05-083	65-179	\$31,600						
Prepare a Biological Model of System Processes	19-041	03-5-06-54109		\$29,235		\$0	\$0	\$29,235	100%
Novotx (Elements) (W/S Operating)	18-127	*-5-06-54005		\$121,100	\$121,000	\$0	\$121,000	\$100	0%
Elements XS asset management software									

Board Awarded Contracts
Consent Calendar Board Meeting - June 16, 2020

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining
One Stop Landscape Supply FY 2019 Sludge Hauling\Reuse (Oper)	--	03-5-02-57031	--	--	\$433,211	\$24,879	\$458,090		
Pascal Ludwig/Forstra Filters(W-Reserves)	19-098	02-13004		\$370,276	\$370,212	\$0	\$370,212	\$64	0%
Three Forsta Filters and Pascal Ludwig for Installation at YVRWFF									
Change Order #1 w/Pascal Ludwig - \$17,069.00	19-137								
Change Order #2 w/ Pascal Ludwig - \$9,968.00	20-004								
Change Order #3 & #4 w/Pascal Ludwig - \$5,139.00	20-041								
Platinum Advisors (WIS Operating)									
2018 Lobbyist N-T-E per month	13-080	*-5-06-54109	--	--	\$95,000	\$0	\$95,000		
2018 Quarterly Filing & Misc. Expenses		02-5-06-54109	--	--	\$750	\$0	\$750		
Rain For Rent									
Pipeline-Calimesa Lakes Recharge Study-DM 19-008 was superseded by DM 19-017	19-017	02-5-03-51020		\$24,375	\$0	\$0	\$0	\$24,375	100%
RMC Water & Environment/ Woodard & Curran									
TO#26, SRF Mgmt Svcs-Calimesa Regional Recycled Pipeline (R-FCC)	14-023	04-5-06-54109		\$95,692	\$69,361	\$0	\$69,361	\$26,331	28%
Application to DDW for the Recharge at Wilson Creek Basins (R-Resvs) Amendment #3	15-086 18-085	04-19771	--	\$237,668	\$236,474	\$0	\$236,474	\$1,194	1%
Scinor Water America/Pascal Ludwig (S- Reserves) Install UF Modules and Mesh Strainer AT WRWRF	17-088	03-10311	--	\$215,000	\$186,074	\$0	\$186,074	\$28,926	13%
Separation Processes, Inc. (W-Reserves)		55-19200							
Design & Construction Supports Servs for NF SCRAM	15-047	02-14500		\$191,820	\$170,980	\$0	\$170,980	\$20,840	11%
Application to DDW for the Recharge at Wilson Creek Basins (R-Resrvs)	15-086	04-19771	--	\$42,860	\$24,527	\$0	\$24,527	\$18,333	43%
Feasibility Report for Wochholz SAGE Project (\$67,575.00)	17-043	03-5-06-54109		\$99,835	\$98,311	\$0	\$98,311	\$1,524	2%
Preliminary Engineering Design Study-SAGE Project (\$32,260.00)	19-106	03-5-06-54109							
WWTP Monitoring Operations & Reporting Enhancement (MORE) (S-Oper)	18-122	03-5-06-54109		\$330,436	\$206,359	\$7,540	\$213,899	\$116,537	35%
WWTP -RCA - Foaming- Improve energy efficiency and treatment process	19-025	03-5-06-54109		\$36,800	\$34,621	\$0	\$34,621	\$2,179	6%
WWTP -Secondary Treatment Process Improvement	20-073	03-5-06-54109		\$158,753	\$0	\$5,235	\$5,235	\$153,518	97%
Superior Tank - R-16.6 drinking water(Water Fund, Infrastructure Reserves)									

Board Awarded Contracts
Consent Calendar Board Meeting - June 16, 2020

District Awarded Contracts	Director Memorandum	Job or GL #	Job Cost Breakdown	Awarded Contract Amount	Prior Payments to Date	Pending Invoice Amount	Total Contract Payments	Remaining Contract Amount	Percent Remaining
Replacement of Drinking Water Reservoir R-16.6	19-138	Task #		\$565,668	\$85,931	\$214,083	\$300,014	\$265,655	47%
Vavrinek, Trine, Day & Company (VTD) /EideBailly (Operating) FY 2019 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106	*-5-06-54108		\$27,400	\$25,700	\$0	\$25,700	\$1,700	6%
Villalobos and Associates (W-Operating) Permitting of Recharge Oper at the Wilson Creek Spreading Basins	16-064	02-5-06-54109	- -	\$72,200	\$39,064	\$0	\$39,064	\$33,136	46%
GRAND TOTALS				\$5,619,369	\$4,678,448	\$313,206	\$4,991,654	\$1,279,119	- -

Check Register - May 2020

Date	Check #	Payee or Description	Amount
05/04/2020	36868	ADS, LLC	\$ 4,275.00
05/04/2020	36869	Ameripride Uniform Services	\$ 858.90
05/04/2020	36870	Aqua-Metric Sales Company	\$ 69,156.74
05/04/2020	36871	AutoZone Stores LLC	\$ 8.61
05/04/2020	36872	Best Home Center	\$ 71.45
05/04/2020	36873	Brenntag Pacific, Inc	\$ 30,183.70
05/04/2020	36874	Burgeson's Heating & Air Cond. Inc	\$ 99.00
05/04/2020	36875	Caselle, Inc.	\$ 2,870.00
05/04/2020	36876	Charles P. Crowley Company, Inc.	\$ 8,748.20
05/04/2020	36877	Clark Pest Control	\$ 115.00
05/04/2020	36878	Clinical Laboratory of San Bernardino	\$ 11,177.00
05/04/2020	36879	Cortech Engineering	\$ 11,616.58
05/04/2020	36880	Coverall North America, Inc.	\$ 1,331.00
05/04/2020	36881	Crown Ace Hardware - Yucaipa	\$ 45.25
05/04/2020	36882	EBS UTILITIES ADJUSTING INC.	\$ 5,250.00
05/04/2020	36883	Epic Pest Management	\$ 85.00
05/04/2020	36884	First American Data Tree, LLC	\$ 50.00
05/04/2020	36885	Freedom Mailing Services	\$ 5,040.00
05/04/2020	36886	Hasa, Inc.	\$ 3,735.40
05/04/2020	36887	Hemet Valley Tool Inc.	\$ 93.93
05/04/2020	36888	House Of Quality, Parts Plus	\$ 41.71
05/04/2020	36889	Houston & Harris PCS, Inc.	\$ 1,973.25
05/04/2020	36890	Integrity Hose and Fittings	\$ 260.33
05/04/2020	36891	John Deere Financial f.s.b.	\$ 231.04
05/04/2020	36892	Kelly Services, Inc.	\$ 1,008.40
05/04/2020	36893	Kenneth Carnes	\$ 1,427.69
05/04/2020	36894	Lawrence Roll Up Doors, Inc.	\$ 998.33
05/04/2020	36895	Les Schwab Tire Center	\$ 106.88
05/04/2020	36896	Nagem, Inc.	\$ 591.32
05/04/2020	36897	Nalco Company	\$ 2,828.18
05/04/2020	36898	NetComp Technologies, Inc.	\$ 5,825.87
05/04/2020	36899	Office Solutions Bsns Products, L	\$ 2,392.59
05/04/2020	36900	Pacific Coast Landscape & Design, Inc.	\$ 1,825.00
05/04/2020	36901	Q Versa, LLC	\$ 1,698.94
05/04/2020	36902	Redline	\$ 6,787.66
05/04/2020	36903	The Counseling Team International	\$ 675.00
05/04/2020	36904	The Gas Company	\$ 2,138.99
05/04/2020	36905	Uline, Inc.	\$ 897.88
05/04/2020	36906	Underground Service Alert Of So. CA	\$ 277.30
05/04/2020	36907	UPS Store#1504/ Mail Boxes Etc.	\$ 57.00
05/04/2020	36908	Wilbur's	\$ 162.60
05/04/2020	36909	Yucaipa Disposal, Inc.	\$ 1,923.84
05/04/2020	36910	Yucaipa Valley Water District	\$ 59,533.92
05/11/2020	36911	Alpine Springs	\$ 62.45
05/11/2020	36912	Ameripride Uniform Services	\$ 913.03
05/11/2020	36913	AT&T Mobility	\$ 2,401.94

Check Register - May 2020

05/11/2020	36914	AutoZone Stores LLC	\$	3.00
05/11/2020	36915	Best Home Center	\$	51.67
05/11/2020	36916	Burgeson's Heating & Air Cond. Inc	\$	429.00
05/11/2020	36917	Commercial Solar Guy	\$	9,740.00
05/11/2020	36918	Corelogic, Inc.	\$	330.00
05/11/2020	36919	Crown Ace Hardware - Yucaipa	\$	19.38
05/11/2020	36920	Ferguson Waterworks #1083	\$	3,323.01
05/11/2020	36921	Freedom Mailing Services	\$	7,885.61
05/11/2020	36922	Frontier Communications	\$	161.02
05/11/2020	36923	G&G Environmental Compliance, Inc	\$	1,540.73
05/11/2020	36924	Grainger	\$	24.09
05/11/2020	36925	Houston & Harris PCS, Inc.	\$	1,973.25
05/11/2020	36926	Inland Water Works Supply Co.	\$	24.59
05/11/2020	36927	JW D'Angelo Co.	\$	9,119.02
05/11/2020	36928	Kelly Services, Inc.	\$	1,008.40
05/11/2020	36929	Konica Minolta Business Solutions	\$	488.86
05/11/2020	36930	Les Schwab Tire Center	\$	134.72
05/11/2020	36931	Merit Oil Company	\$	2,131.36
05/11/2020	36932	NetComp Technologies, Inc.	\$	6,950.00
05/11/2020	36933	Pro-Pipe & Supply, Inc.	\$	119.61
05/11/2020	36934	Q Versa, LLC	\$	15,825.96
05/11/2020	36935	Redline	\$	3,763.71
05/11/2020	36936	Separation Processes, Inc.	\$	2,250.00
05/11/2020	36937	Time Warner Cable	\$	279.87
05/11/2020	36938	University of Arizona -WEST Center	\$	116.38
05/11/2020	36939	California State Disbursement Unit	\$	743.52
05/11/2020	36940	IBEW Local #1436	\$	570.00
05/11/2020	36941	WageWorks Inc	\$	1,414.03
05/11/2020	36942	Berkshire Hathaway Homestate Companies	\$	13,885.41
05/11/2020	36943	CA-EDD	\$	235.00
05/11/2020	36944	Steve Hines No.1, LLC	\$	15,080.00
05/11/2020	36945	Time Warner Cable	\$	1,307.51
05/11/2020	36946	Water Environment Federation	\$	332.00
05/11/2020	36947	Wood, Marilyn	\$	4,261.04
05/18/2020	36948	Alliant Insurance Services, Inc.	\$	42,805.39
05/18/2020	36949	Ameripride Uniform Services	\$	864.90
05/18/2020	36950	Aqua-Metric Sales Company	\$	158,966.67
05/18/2020	36951	Atlas Copco Compressors, LLC	\$	2,160.00
05/18/2020	36952	Avista Technologies, Inc.	\$	7,415.51
05/18/2020	36953	Brenntag Pacific, Inc	\$	10,268.70
05/18/2020	36954	Cal-Mesa Steel Supply, Inc.	\$	15.09
05/18/2020	36955	Central Communications	\$	3,374.09
05/18/2020	36956	Crown Ace Hardware - Yucaipa	\$	43.66
05/18/2020	36957	Evoqua Water Technologies LLC	\$	2,121.56
05/18/2020	36958	G&G Environmental Compliance, Inc	\$	2,747.53
05/18/2020	36959	Hach Company	\$	1,409.66
05/18/2020	36960	Hasa, Inc.	\$	2,937.62

Check Register - May 2020

05/18/2020	36961	House Of Quality, Parts Plus	\$	70.39
05/18/2020	36962	JW D'Angelo Co.	\$	524.44
05/18/2020	36963	Kelly Services, Inc.	\$	993.78
05/18/2020	36964	Leighton Consulting, Inc.	\$	1,298.00
05/18/2020	36965	Merit Oil Company	\$	2,402.32
05/18/2020	36966	Michael Bauers	\$	445.50
05/18/2020	36967	O'Conner Equipment	\$	3,065.00
05/18/2020	36968	Office Solutions Bsns Products, L	\$	1,053.80
05/18/2020	36969	Pacific Coast Landscape & Design, Inc.	\$	4,725.00
05/18/2020	36970	Page Locksmith	\$	85.66
05/18/2020	36971	Quinn Company	\$	11,134.59
05/18/2020	36972	South Coast A.Q.M.D.	\$	137.63
05/18/2020	36973	Southern CA Emergency Medicine, Inc.	\$	95.00
05/18/2020	36974	Spectrum Business	\$	3,668.00
05/18/2020	36975	Tramfloc, Inc	\$	988.50
05/18/2020	36976	UPS Store#1504/ Mail Boxes Etc.	\$	20.37
05/18/2020	36977	Atkinson, Andelson, Loya, Ruud & Romo	\$	1,332.50
05/18/2020	36978	David L. Wysocki	\$	4,425.00
05/18/2020	36979	Dudek & Associates, Inc	\$	3,036.25
05/18/2020	36980	Geoscience Support Services, Inc.	\$	36,757.50
05/18/2020	36981	One Stop Landscape Supply Inc	\$	25,241.00
05/18/2020	36982	Separation Processes, Inc.	\$	13,045.75
05/18/2020	36983	Superior Tank Co., Inc.	\$	30,029.50
05/26/2020	36984	California State Disbursement Unit	\$	743.52
05/26/2020	36985	WageWorks Inc	\$	1,414.03
05/26/2020	36986	Aflac	\$	2,995.89
05/26/2020	36987	Blue Shield of California	\$	4,602.90
05/26/2020	36988	Nippon Life Insurance Co	\$	2,804.77
05/26/2020	36989	Standard Dental Insurance Co	\$	1,488.76
05/26/2020	36990	Standard Insurance Vision Plan	\$	321.68
05/26/2020	36991	Western Dental Services Inc	\$	208.13
05/26/2020	36992	Meyers Nave	\$	16,169.75
05/26/2020	36993	All American Sewer Tools	\$	2,399.54
05/26/2020	36994	Ameripride Uniform Services	\$	871.59
05/26/2020	36995	Atlas Copco Compressors, LLC	\$	3,004.92
05/26/2020	36996	Avista Technologies, Inc.	\$	15,361.59
05/26/2020	36997	C & B Crushing, Inc.	\$	460.00
05/26/2020	36998	Calmat Company	\$	2,608.57
05/26/2020	36999	Caltrol Inc.	\$	11,006.11
05/26/2020	37000	Chapman Heights Yucaipa LLC	\$	3,417.57
05/26/2020	37001	Clean Diesel Specialists So Cal Inc	\$	1,842.62
05/26/2020	37002	Crown Ace Hardware - Yucaipa	\$	33.51
05/26/2020	37003	Federal Licensing Inc	\$	124.00
05/26/2020	37004	Fedex	\$	339.97
05/26/2020	37005	Frontier Communications	\$	156.04
05/26/2020	37006	Grainger	\$	126.88
05/26/2020	37007	Hach Company	\$	1,688.93

Check Register - May 2020

05/26/2020	37008	Hasa, Inc.	\$ 3,683.43
05/26/2020	37009	Houston & Harris PCS, Inc.	\$ 3,946.50
05/26/2020	37010	Inland Water Works Supply Co.	\$ 5,012.42
05/26/2020	37011	JW D'Angelo Co.	\$ 3,921.43
05/26/2020	37012	Kelly Services, Inc.	\$ 1,008.40
05/26/2020	37013	Lorine Billiard	\$ 652.79
05/26/2020	37014	Merit Oil Company	\$ 1,383.61
05/26/2020	37015	Metricom Networks	\$ 2,470.00
05/26/2020	37016	NetComp Technologies, Inc.	\$ 6,443.93
05/26/2020	37017	Nexa	\$ 1,140.94
05/26/2020	37018	Padgett's Cleaning & Restoration Inc	\$ 1,801.18
05/26/2020	37019	Page Locksmith	\$ 153.71
05/26/2020	37020	Polydyne Inc.	\$ 3,462.86
05/26/2020	37021	Pro-Pipe & Supply, Inc.	\$ 10.37
05/26/2020	37022	SB CNTY-Solid Waste Mgmt Div	\$ 325.48
05/26/2020	37023	SCE Rosemead	\$ 177,869.80
05/26/2020	37024	Servpro of South Redlands/Yucaipa	\$ 6,195.84
05/26/2020	37025	South Coast A.Q.M.D.	\$ 137.63
05/26/2020	37026	Southern California Edison	\$ 144,853.25
05/26/2020	37027	Spectrum Business	\$ 2,649.00
05/26/2020	37028	Susan Krug	\$ 526.28
05/26/2020	37029	Titan Electric	\$ 65,000.00
05/26/2020	37030	UPS Store#1504/ Mail Boxes Etc.	\$ 247.70
05/26/2020	37031	Doug Earnest	\$ 640.51
05/26/2020	37032	Joe DeSalliers	\$ 592.13
05/26/2020	37033	Peggy Little	\$ 640.51
05/26/2020	37034	Robert Wall	\$ 785.37
05/26/2020	37035	WageWorks, Inc.	\$ 191.75
05/26/2020	37036	YVWD-Petty Cash	\$ 300.24
			<u>\$ 1,247,317.84</u>

05/08/2020	electronic pmt	DIRECT DEPOSIT TOTAL	\$ 152,916.10
05/12/2020	electronic pmt	CalPERS 457 & Loan	\$ 27,051.40
05/12/2020	electronic pmt	CalPERS Retirement	\$ 32,438.43
05/12/2020	electronic pmt	EDD - State of California	\$ 11,122.39
05/12/2020	electronic pmt	IRS	\$ 63,110.36
05/12/2020	electronic pmt	VOYA 457 Retirement Plan	\$ 5,923.58
05/22/2020	electronic pmt	DIRECT DEPOSIT TOTAL	\$ 147,378.13
05/22/2020	electronic pmt	CalPERS 457 & Loan	\$ 24,064.40
05/22/2020	electronic pmt	CalPERS Retirement	\$ 31,560.55
05/22/2020	electronic pmt	EDD - State of California	\$ 10,589.65
05/22/2020	electronic pmt	IRS	\$ 59,823.53
05/22/2020	electronic pmt	VOYA 457 Retirement Plan	\$ 4,542.58
05/26/2020	electronic pmt	CalPERS Health Insurance	\$ 95,813.15
			<u>\$ 666,334.25</u>

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Date: June 16, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Status Report Regarding the Proclamation of a Local Emergency Related to the Coronavirus and COVID-19 in the Yucaipa Valley Water District Service Area within the Counties of Riverside and San Bernardino

Recommendation: Pending

The Centers for Disease Control and Prevention (CDC) is responding to an outbreak of respiratory disease caused by a novel (new) coronavirus that was first detected in China and has now been detected in countries throughout the world¹, including in the United States. The virus has been named “SARS-CoV-2” and the disease it causes has been named “coronavirus disease 2019” (abbreviated “COVID-19”).

In light of rising public concern over the coronavirus disease 2019 (COVID-19), the drinking water supplied by the Yucaipa Valley Water District is clean, safe, and reliable. The SARS-CoV-2 virus has no impact on the quality or supply of tap water. The use of high pressure membranes at the Yucaipa Valley Regional Water Filtration Facility and the Wochholz Regional Water Recycling Facility have been proven to be an effective additional barrier to viruses and various undesirable chemical molecules. Additionally, the Yucaipa Valley Water District uses chlorine to disinfect the water before it enters the distribution system to protect against microorganisms such as bacteria, viruses, fungus, and other micro-organisms. This ensures safe drinking water for all our customers.

The District staff constantly monitors our distribution system to ensure that there is sufficient chlorine residual and there are no bacteriological issues. We conduct thousands of water quality tests annually to ensure our drinking water meets rigorous drinking water standards. Highly-skilled District staff constantly perform analyses both on-site and send other samples to state-certified laboratories for independent validation.

In addition, the Yucaipa Valley Water District has an extensive backflow prevention program where water cannot flow back into the drinking water system from properties that may pose a contamination risk.

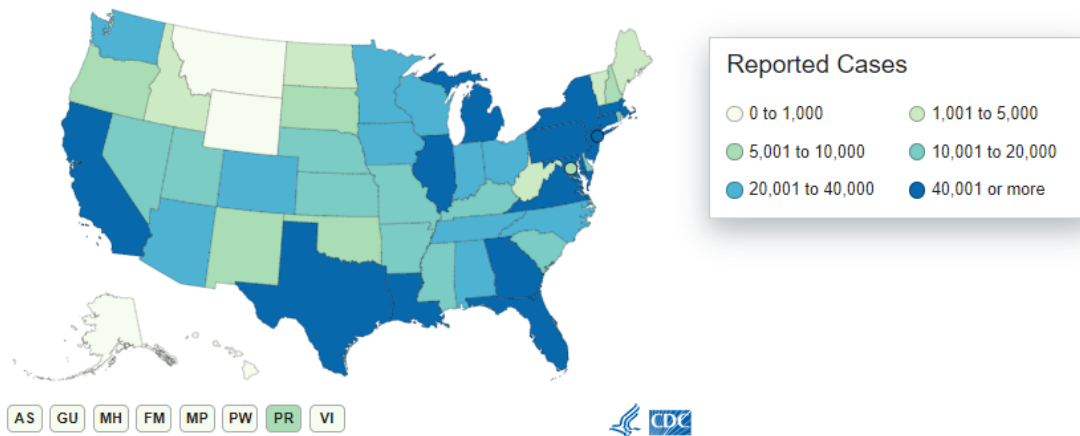
The Yucaipa Valley Water District has installed microfiltration and reverse osmosis systems that further protect drinking water and recycled water from bacteriological impacts. The recycled water supply is further protected with the use of ultraviolet disinfection and reverse osmosis membranes that are able to provide additional protections against microorganisms.

The District staff will provide an update about the current steps taken by the District to protect the safety of employees and the community we serve.

¹ Novel Coronavirus (COVID-19) Situation Summary <https://covid19.who.int/>

37 jurisdictions report more than 10,000 cases of COVID-19.

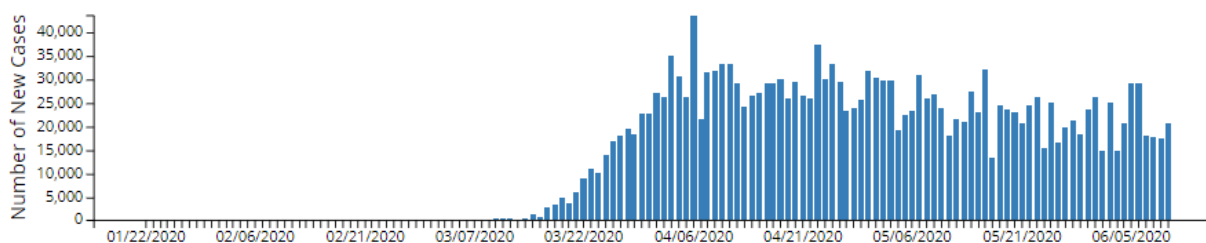
This map shows COVID-19 cases and deaths reported by U.S. states, the District of Columbia, New York City, and other U.S.-affiliated jurisdictions. Hover over the map to see the number of cases and deaths reported in each jurisdiction. To go to a jurisdiction's health department website, click on the jurisdiction on the map.



2

New Cases by Day

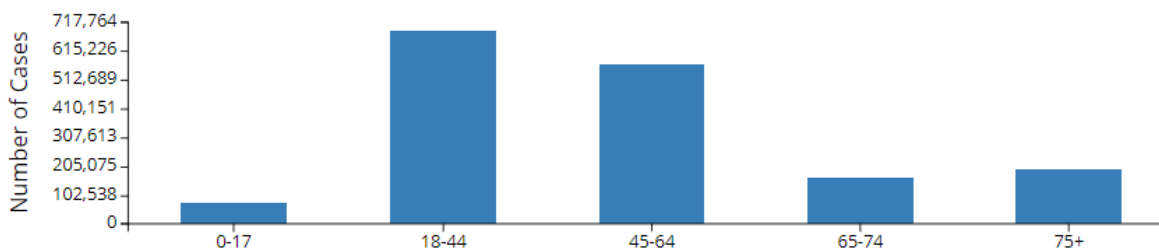
The following chart shows the number of new COVID-19 cases reported each day in the U.S. since the beginning of the outbreak. Hover over the bars to see the number of new cases by day.



Cases by Age

The following chart shows the age of people with COVID-19. Hover over each bar or click on the plus (+) sign below the chart to see the number of cases in each age group.

Data were collected from 1,696,923 people, and age was available for 1,694,363 (99.8%) people.



² States Reporting Cases of COVID-19 to the CDC <https://www.cdc.gov/coronavirus/2019-ncov/cases-updates/cases-in-us.html>

COVID-19 in California by the Numbers

Note: The following numbers reflect information received by local health jurisdictions as of 2 p.m. PDT March 23. More current numbers may be available from [local health jurisdictions](#).

2,102 – Positive cases

40 – Deaths (including one non-California resident)

*Increase occurred over period of two days.

- 531 – Community-acquired cases
- 1,571 – Cases acquired through person-to-person transmission, travel (including cruise ship passengers), repatriation, or under investigation.
 - This includes 31 health care workers.

Ages of all confirmed positive cases:

- Age 0-17: 28 cases
- Age 18-49: 970 cases
- Age 50-64: 493 cases
- Age 65+: 449 cases
- Unknown: 162 cases

Gender of all confirmed positive cases:

- Female: 843 cases
- Male: 1,081 cases
- Unknown: 178 cases

22 – [State and county health labs](#) currently testing

3

³ <https://www.cdph.ca.gov/Programs/OPA/Pages/NR20-32.aspx>

San Bernardino Statistics

Total Population: **2,217,398**

1,730

New Cases (Last 14 Days)

78.0 Per 100K

6,438 Total Cases

42

New Deaths (Last 14 Days)

1.9 Per 100K

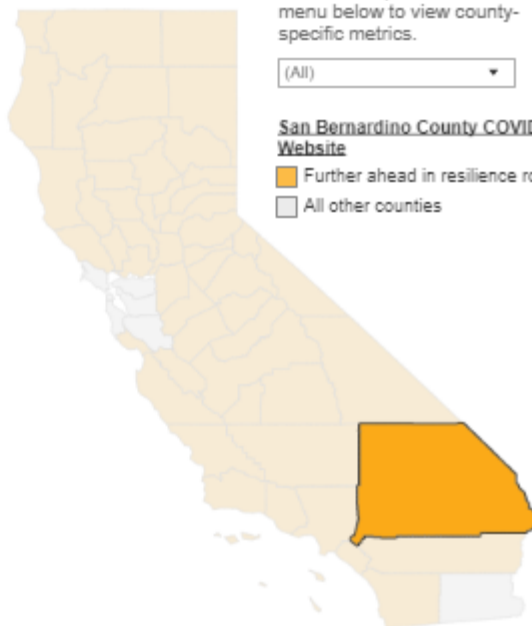
225 Total Deaths

32,969

Tests Reported (Last 14 Days)

5.2% Test Positivity

1.1 Daily per 1,000 Residents



Hospitals

Total vs Last 14 day change

25 Hospitals Reporting (4,003 Hospital Beds)

247

Hospitalized COVID-19 Patients
(Suspected + Positive)

-13 Patients

-5.0% Increase

92

ICU Hospitalized COVID-19 Patients
(Suspected + Positive)

19 Patients

26.0% Increase

22%

ICU Beds Available

69%

Ventilators Available

Equipment Distributed

668,194

N-95 Respirators

886,000

Procedure Masks

54,392

Gowns

26,740

Face Shields

320,000

Gloves

Updated June 11, 2020 at 11:00 am.

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⁴ <https://covid19.ca.gov/roadmap-counties/#track-data>

Riverside Statistics

Total Population: **2,468,145**

2,701

New Cases (Last 14 Days)

109.4 Per 100K

9,857 Total Cases

60

New Deaths (Last 14 Days)

2.4 Per 100K

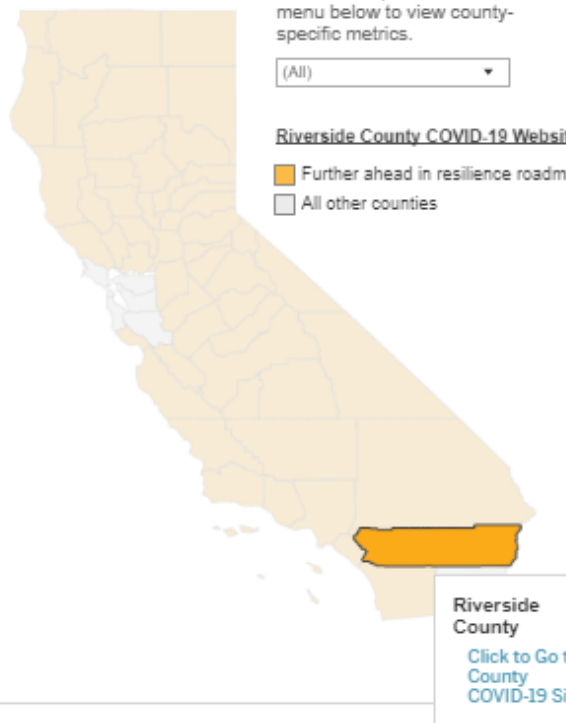
380 Total Deaths

44,579

Tests Reported (Last 14 Days)

6.1% Test Positivity

1.3 Daily per 1,000 Residents



Hospitals

Total vs Last 14 day change

21 Hospitals Reporting (3,623 Hospital Beds)

333

Hospitalized COVID-19 Patients
(Suspected + Positive)

20 Patients

6.4% Increase

86

ICU Hospitalized COVID-19 Patients
(Suspected + Positive)

-1 Patients

-1.1% Increase

28%

ICU Beds Available

75%

Ventilators Available

Equipment Distributed

808,200

N-95 Respirators

3,581,000

Procedure Masks

36,050

Gowns

8,408

Face Shields

2,299,420

Gloves

Updated June 11, 2020 at 11:00 am.

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⁵ <https://covid19.ca.gov/roadmap-counties/#track-data>

RESOLUTION NO. 2020-15

A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT PROCLAIMING A LOCAL EMERGENCY RELATED TO THE CORONAVIRUS AND COVID-19 IN THE YUCAIPA VALLEY WATER DISTRICT SERVICE AREA WITHIN THE COUNTIES OF RIVERSIDE AND SAN BERNARDINO

WHEREAS, the Yucaipa Valley Water District (the "District") is a public agency of the State of California organized and existing pursuant to the provisions of the County Water District Law of this State (Section 30000, et seq. of the Water Code); and

WHEREAS, the governing body of the Yucaipa Valley Water District has the authority to proclaim a local emergency; and

WHEREAS, California Government Code Section 3100 states that all public employees are declared to be disaster service workers subject to such disaster service activities as may be assigned to them by their superiors or by law, and the Yucaipa Valley Water District needs to provide drinking water, recycled water and sewer services deemed as an essential public service; and

WHEREAS, any actions that the Yucaipa Valley Water District may take to ensure the continuation of critical services to protect the safety of customers and to provide for immunities that will protect the Yucaipa Valley Water District for actions taken, as covered under the California Emergency Services Act; and

WHEREAS, working with the County of Riverside and the County of San Bernardino, this proclamation authorizes the undertaking of powers and invoking and disseminating emergency orders (e.g., emergency orders, emergency spending authorities, emergency or pre-established contracting, order necessary Personal Protective Equipment, recovery, etc.) and regulations necessary to provide for the protection of life, property, and the environment; and

WHEREAS, this proclamation establishes that an emergency exists, and that if mutual aid of in-county resources are needed to assist the District, as covered under the California Master Mutual Aid Agreement and any local agreements to provide mutual aid should be sufficient to establish, and that the Emergency Services Act applies; and

WHEREAS, this proclamation establishes that an emergency exists, and if out-of-county assistance is needed, requests for mutual aid should follow procedures set forth by the Standardized Emergency Management System (SEMS) and the Governor's Office of Emergency Services (CalOES), including obtaining mission numbers through the County of Riverside Emergency Management Department from CalOES for responding agencies. This is particularly important for possible reimbursement of extraordinary expenses in the event of a proclaimed "State of Emergency" or in the event of a presidential declaration of disaster when state or federal disaster relief funds become available; and

WHEREAS, conditions of disaster or of extreme peril to the health and safety of persons and property have arisen both internationally and within the United States as a result of the introduction of the novel coronavirus (COVID-19), a novel communicable disease which led to

California Governor Gavin Newsom, to proclaim a State of Emergency for California on March 4, 2020; and

WHEREAS, currently COVID-19 has spread globally and as of March 19, 2020 has impacted 168 countries, infecting more than 209,839 persons and causing more than 8,778 fatalities worldwide (Source: WHO Novel Coronavirus (COVID-19) Situation - <https://experience.arcgis.com/experience/685d0ace521648f8a5beeeee1b9125cd>). Due to the expanding list of countries with widespread transmission of COVID-19, and increasing travel alerts and warnings for countries experiencing sustained or uncontrolled community transmission issued by the Centers for Disease Control and Prevention (CDC), COVID-19 has created conditions that are likely to be beyond the control of local resources and require the combined forces of other political subdivisions to combat this virus; and

WHEREAS, a Local Health Emergency was proclaimed by the County of Riverside Public Health Officer on March 8, 2020, and ratified by the Board of Supervisors on March 10, 2020; and

WHEREAS, the County of San Bernardino Public Health Officer on March 17, 2020, ordered a cancellation of all gatherings; and

WHEREAS, a Local Emergency was proclaimed by the County of Riverside Board of Supervisors on March 10, 2020; and

WHEREAS, the CDC confirmed person-to-person transmission of COVID-19 in the United States, raising the possibility of community transmission occurring in the general public. This has resulted in a Federal Declaration of National Emergency as declared by President Donald Trump on March 13, 2020; and

WHEREAS, the Yucaipa Valley Water District's ability to mobilize local resources, coordinate interagency response, accelerate procurement of vital supplies, use mutual aid, and seek future reimbursement by State and Federal governments will be critical to successfully responding to COVID-19; and

WHEREAS, these conditions warrant and necessitate that the Yucaipa Valley Water District proclaim the existence of a local emergency; now, therefore,

BE IT RESOLVED that the Board of Directors of the Yucaipa Valley Water District hereby proclaims the existence of a local emergency and directs the General Manager (or his designee) to take the necessary steps for the protection of life, health and safety of the employees and residents of our community.

IT IS FURTHER RESOLVED that during the existence of said local emergency, the powers, functions, and duties of the Yucaipa Valley Water District shall be those prescribed by state law and by ordinances and resolutions of the Board of Directors at the discretion and direction of the General Manager.

IT IS FURTHER RESOLVED that all departments of the Yucaipa Valley Water District shall review and revise their department emergency and contingency plans to address the risks COVID-19 poses to the ongoing performance of their critical functions.

IT IS FURTHER RESOLVED that all District departments and employees shall track costs for staffing, supplies, and equipment related to COVID-19 preparation and prevention and forward that information to the Chief Financial Officer; and complete an Initial Damage Estimate (IDE) Category B, and forward that information to the Riverside County Emergency Management Department and the San Bernardino County Office of Emergency Services.

IT IS FURTHER RESOLVED that the District's departments shall coordinate District-wide planning, preparedness and response efforts regarding COVID-19 with the Riverside County EMD and San Bernardino County OES.

IT IS FURTHER RESOLVED that this Resolution shall take effect immediately and that widespread publicity and notice shall be given said Proclamation through the most feasible and adequate means of disseminating such notice throughout the District.

BE IT FURTHER RESOLVED AND ORDERED that a copy of this Resolution be forwarded to the Riverside County EMD and San Bernardino County OES to be forwarded to the Director of the California Governor's Office of Emergency Services.

PASSED, APPROVED and ADOPTED this 24th day of March 2020.

YUCAIPA VALLEY WATER DISTRICT

ATTEST:

Chris Mann, President Board of Directors

Joseph B. Zoba, General Manager



Date: June 16, 2020

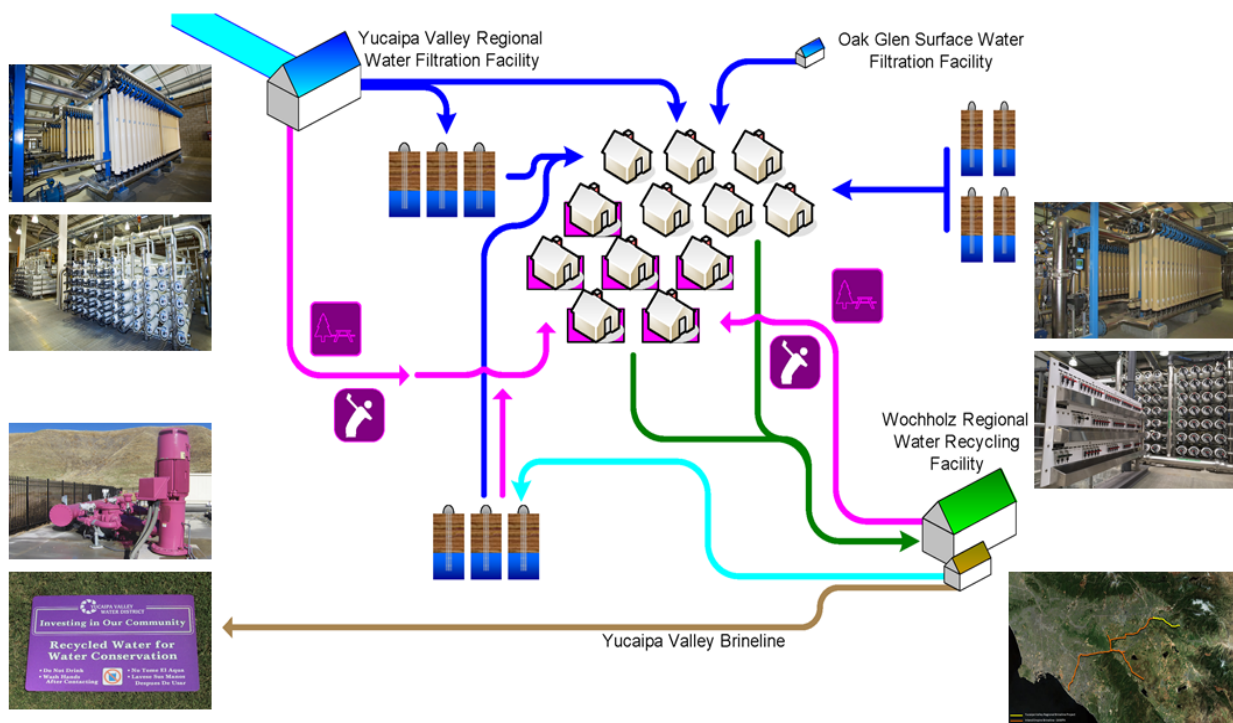
Prepared By: Joseph B. Zoba, General Manager

Subject: Overview of the Integration of Drinking Water, Recycled Water, Sewer, and Brine Disposal Infrastructure of the Yucaipa Valley Water District

Recommendation: Staff Presentation - No Action Required.

Over the past several decades, the Yucaipa Valley Water District has embarked on a series of capital improvement projects that have fully integrated the drinking water, recycled water, sewer treatment, and brine disposal systems operated in the community. The integration of these facilities has set the Yucaipa Valley Water District on a path to provide reliable and pure water resources for our community into the future.

Sustainable and Integrated Infrastructure Concepts



The purpose of this agenda item is to discuss a couple of future project concepts that should be added to the integration plan to improve the long-term sustainability of the community.



Date: June 16, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Authorization to Conduct an Evaluation Study of the Desalitech Closed Circuit Reverse Osmosis System

Recommendation: That the Board authorize the General Manager to Contract with Separation Processes to perform a pilot study to evaluate the Closed Circuit Reverse Osmosis system for a sum not to exceed \$192,860.

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.

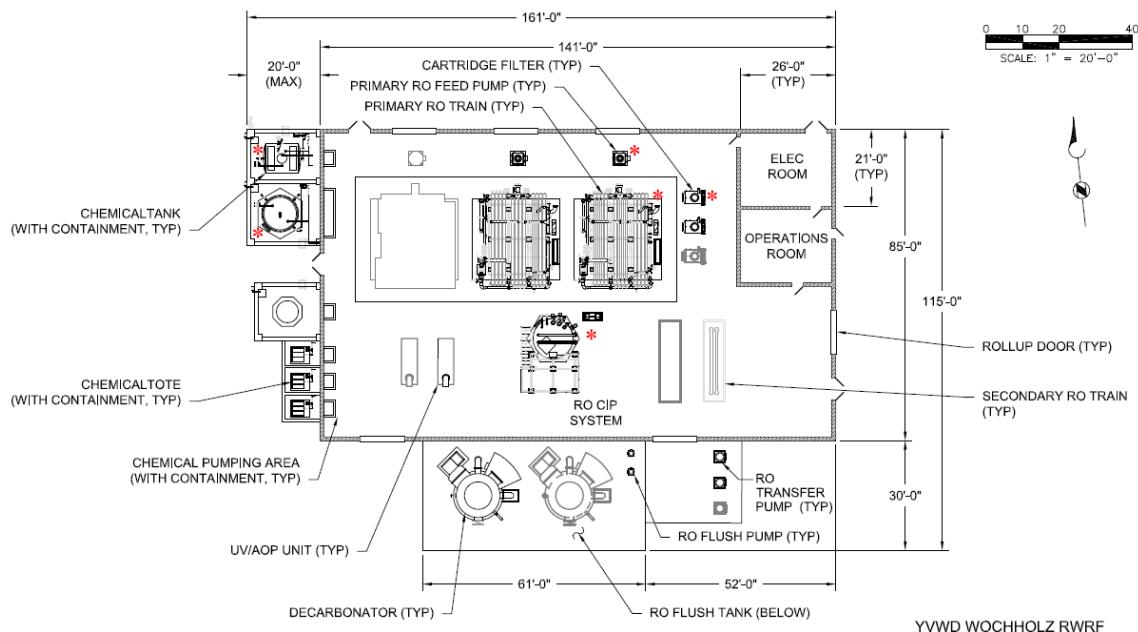
The District is proposing to upgrade the Wochholz Regional Water Reclamation Facility with the addition of the Salinity and Groundwater Enhancement (SAGE) Project. The SAGE Project will add more reverse osmosis membranes to achieve Full Advanced Treatment to produce a new source of water is suitable for direct injection into 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 at Phase 2 conditions.
- **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 of the SAGE Project, the Board of Directors should consider conducting a pilot test to evaluate the proposed Closed Circuit Reverse Osmosis (CCRO) technology.

A CCRO system works by recirculating pressurized feedwater until a desired recovery level is reached. Brine is replaced with fresh feed without stopping the flow of pressurized feed or permeate. CCRO systems achieve recovery by recirculation and can therefore reach any desired recovery percentage in a single stage.

This semi-batch reverse osmosis process has demonstrated recovery rates of up to 98% in single stage brackish systems, saving more water and reducing more waste than traditional one-, two- and three-stage reverse osmosis systems.

Funding for this proposed project would be from Sewer Infrastructure Reserves 03--10311.



Separation Processes, Inc.

3152 Lionshead Ave.

Carlsbad, CA 92010

Tel: 760-400-3660

Fax: 760-400-3661

www.spi-engineering.com

June 8, 2020

Joseph B. Zoba
General Manager
Yucaipa Valley Water District
12770 Second St.
Yucaipa CA 92399

Subject: Proposal for pilot testing of the Desalitech process

Dear Mr. Zoba,

SPI is pleased to provide this proposal for engineering services to perform an economic assessment and pilot test of the Desalitech process at the Wochholz Regional Water Recycling Facility. The proposed budget is \$192,858 which includes rental of a pilot unit. If the District chooses to purchase a pilot unit the pilot unit price would be approximately \$160,000. The resale market is very strong and there is a very good likelihood that the overall piloting costs can be reduced through resale of the pilot unit upon completion. We would adjust our budget accordingly if the District chose to pursue the purchased option.

Background

The Wochholz Regional Water Recycling Facility (WRWRF) operates a traditional 2.5 mgd Reverse osmosis (RO) system at 85 percent recovery maximum, whereby 85 percent of the feedwater becomes permeate (product) and 15 percent is the waste (concentrate) stream. The amount of water that can be converted to product (recovery) of a traditional RO system is limited by the concentration of salts within the RO system as the feed water is concentrated to produce permeate. Operation above saturation limits will cause precipitation or scaling, which adversely affects membrane performance and necessitates more frequent cleaning and/or membrane replacement.

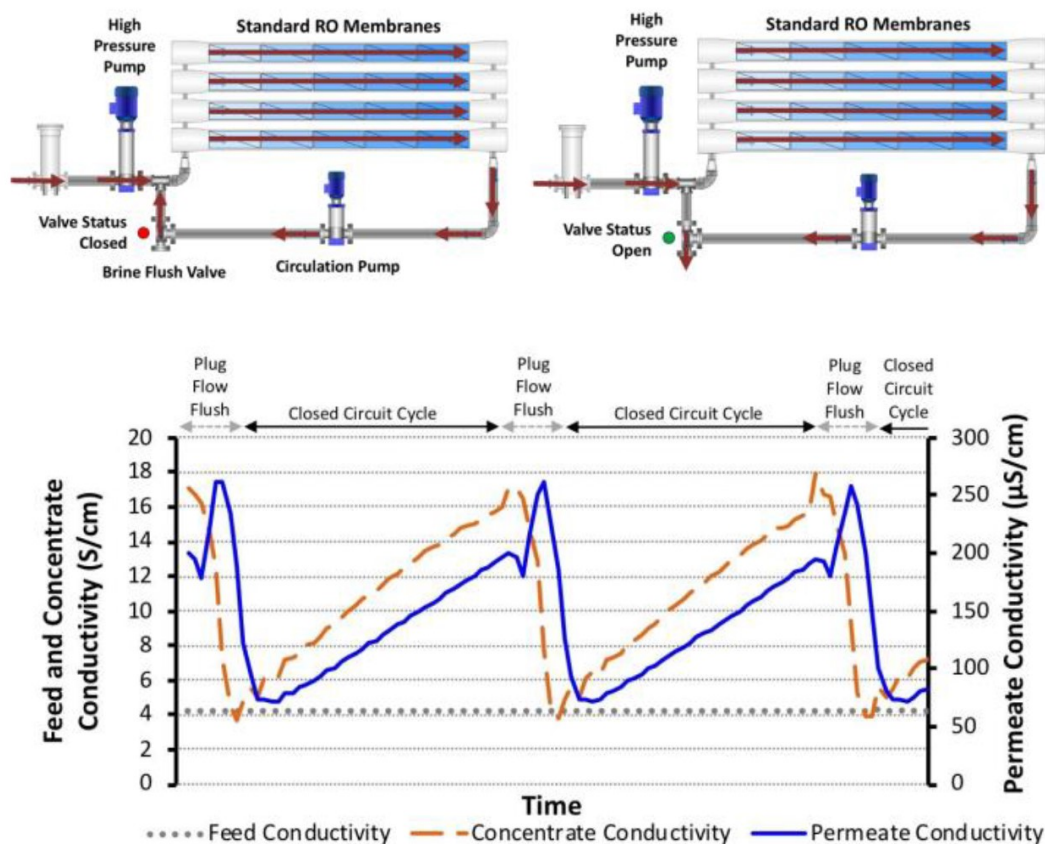
At the WRWRF, the waste (concentrate) flow at design conditions is 306 gpm (0.44 MGD). The flow is currently discharged to the Santa Ana River Interceptor (SARI) brine pipeline. The YVWD has agreements with the San Bernardino Valley Municipal Water District for connection and treatment which can be found in Memorandum 16-040. Using the values in the memo, the YVWD is charged for the disposal of brine through a combination of a fixed connection fee for wastewater treatment facility capacity which is approximately \$3,750,000/mgd of treatment

June 11, 2020
 Yucaipa Valley Water District
 Subject: Proposal for Piloting the Desalitech process
 Page 2



capacity. There is also a charge for the amount of water discharged which has fixed and variable charges, however a typical calculation based on prior bills provided by the District suggests that the cost is in the range of \$5.00/1000 gallons, suggesting an annual operating costs of \$160,000 for disposal of concentrate at design conditions.

A water treatment technology firm, Desalitech (a DuPont brand), has developed a novel method of operating standard RO membrane elements in a manner that avoids precipitation well beyond the traditional limits. The following graphics illustrate how the system works. Feed water is concentrated in a closed-loop recirculation process and then periodically wasted. At a very simple level, the design of an RO system is operated much like a conventional filter with dissolved solids collected and then “backwashed” as waste.



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In the case of an established facility such as the WRWRF, the technology could be implemented on the concentrate stream from the existing RO unit by installing a concentrator system. Conceptually, this could produce an additional 0.22 MGD of permeate and reduce the final concentrate flow to discharge down to 0.22 MGD, saving the District approximately \$80,000 dollars per year.

A reduction of concentrate would also eliminate the need for the District to purchase additional brineline capacity at \$3,750,000 per MGD and reduce the amount of annual operating cost associated with treatment and disposal of brine. In the event that the District proposed Salinity and Groundwater Enhancement (SAGE) Project proceeds, we believe that it will be more cost effective to increase the recovery of the RO system through concentrate minimization, rather than purchase additional pipeline and treatment capacity in the SARI line. Our initial evaluation suggests that a brine concentrator RO unit would be in the range of \$220,000, making the proposed alternative economically viable at a superficial level. Revenue from water production alone is estimated at approximately \$140,000 dollars per year based on current recycled water rates of \$1.75/kgal. The proposed evaluation will formalize the economic evaluation, which is dependent on water quality and a more detailed evaluation of the economics associated with concentrate disposal.

SPI Scope of Work

Task 1 – Preliminary Economic Evaluation and Test Protocol

Economic Assessment (Preliminary)

SPI proposes to perform a feasibility assessment of implementation of the Desalitech process on the WRWRF concentrate stream. This assessment will include the following major elements:

- Establish Desalitech process parameters (permeate production/recovery) for the specific WRWRF conditions (based on concentrate stream chemistry, temperature, etc.).
- Develop more accurate treatment and disposal costs.
- Project permeate quality from the Desalitech concentrator and resulting total permeate when combined with the existing RO permeate stream.
- Define, but not necessarily resolve, open issues for full-scale implementation in this application, such as
 - regulatory approvals
 - variability/cycling of permeate quality
 - final concentrate properties which may impact disposal costs

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- Update the conceptual level estimate of capital and O&M costs (AACE Class 5).

Test Protocol

SPI will prepare a test protocol for the Desalitech Pilot Test. It will include:

- Objectives
- Test Plan
- Schedule
- Data/Sampling Requirements
- Equipment and Material Requirements
- Safety
- Reporting
- Responsibilities of District staff, SPI, and Desalitech

Deliverables: Draft and Final Preliminary Assessment
Draft and Final Test Protocol

Task 2 – Equipment Procurement

SPI will procure the pilot testing unit from Desalitech and necessary ancillary equipment to facilitate the project. The Desalitech pilot will be leased for four months, providing for commissioning/decommissioning time in addition to a three-month testing period. The District will provide tie-in locations and fittings for feed, concentrate, and permeate lines.

Deliverables: Pilot unit and ancillary equipment for six (6) month duration

Task 3 – Installation

SPI will provide direction and oversight of equipment installation by District personnel.

District will be responsible for:

- Unloading and placement of the pilot system by forklift or crane.
- Plumbing and electrical connections.
- Supplying compressed air (instrument grade).

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Subject: Proposal for Piloting the Desalitech process
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Task 4 – Operational Support

SPI and Desalitech will provide commissioning services to ensure proper equipment installation and operator training to District staff. District Staff will be responsible for day-to-day operation of the pilot system.

SPI will provide ongoing support services during the test period as follows:

- Weekly site visit to review operation with District staff.
- Receive operating data from the system weekly and review for performance and adherence to the test protocol.
- Monthly provide a report to District on test status and results.

We are allowing a period of six months of testing. Our past experience is that the evaluation process requires additional time to refine operating conditions prior to beginning a formal demonstration test, which would last for a minimum of 2 months. We would ask that the District provide any water quality testing services that may be required.

Deliverables: Monthly Status Report

Task 5 – Final Reporting

SPI will prepare a draft and final report on the performance of the Desalitech process, which includes:

- Compilation and analysis of operating data and water quality data.
- Updated Economic Assessment.
- Conclusions of the study.

SPI will provide a presentation of the results to District staff, if requested.

Deliverables: Draft and Final Report

Project Budget

The proposed pilot study support services will be billed at hourly rates and direct expenses) for a not-to-exceed cost of \$192,858 including \$89,250 dollars for equipment rental, shipping, and administration. The hourly rates and a breakdown by task are provided in the attached table. Should the pilot operation be delayed or interrupted due to no fault of SPI (e.g. availability of suitable feedwater), the pilot unit lease may be extended at a rate of \$7,500 per month. This extension of the lease term will be subject to equipment availability at that time from Desalitech.

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Subject: Proposal for Piloting the Desalitech process
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Personnel

SPI staff including Mike Dummer, Humberto Jaramillo, and Tiffany Le will complete the work, and I will provide oversight, review, and direction.

Separation Processes, Inc. has extensive experience with the design and full-scale implementation of High Recovery RO systems, including systems at the Water Replenishment District of Southern California, City of Oceanside, Eastern Municipal Water District, and the City of Santa Monica.

Please contact me with any questions or clarification needed regarding this proposal.

Sincerely,

James C. Vickers, P.E.

James C. Vickers, P.E.
President

Yucaipa Valley Water District - High Recovery (CCRO or EQ) Pilot Test
Thursday, June 11, 2020
Separation Processes, Inc. - Pilot and Engineering Budget

		Labor Hours and Rates										
Project Team Role:		Project Manager	QA/QC	Project Engineer	Project Engineer	Engineer	Admin	TOTAL SPI HOURS		SPI LABOR COSTS	OTHER DIRECT COSTS	TOTAL FEE
Team Member:		James Vickers	C. Cruz	Mike Dummer	Humberto Jaramillo	Tiffany Le	Dawn Wright					
Billable Rate:		\$248	\$235	\$157	\$157	\$121	\$75					
Task 1	Test Protocol											
1.1	Prepare Draft Preliminary Assessment	4	2	8	12	12	4	42	\$	6,354		\$ 6,354
1.2	Prepare Final Preliminary Assessment	2			4	4		10	\$	1,608		\$ 1,608
1.3	Prepare Draft Test Protocol	4	2	16	16	16		54	\$	8,422		\$ 8,422
1.4	Final Test Protocol	2			4	4		10	\$	1,608		\$ 1,608
	Subtotal Task 1	12	4	24	36	36	4	116	\$	17,992	\$ -	\$ 17,992
Task 2	Equipment Procurement											
2.1	Specify and Procure Desaltech pilot and ancillary equipment	8	2	16	30			56	\$	9,676	\$ 89,250	\$ 98,926
	Subtotal Task 2	8	2	16	30			56	\$	9,676	\$ 89,250	\$ 98,926
Task 3	Equipment Installation and Decommissioning											
3.1	Oversight and direction of equipment installation	8	2	8	24			42	\$	7,478		\$ 7,478
3.2	Decommissioning oversight and assistance				8	16		24	\$	3,192		\$ 3,192
	Subtotal Task 3	8	2	8	32	16		66	\$	10,670	\$ -	\$ 10,670
Task 4	Operations Support & Data Review											
4.1	Site visits	12			48	60		120	\$	17,772	\$ 3,000	\$ 20,772
4.2	Data review and monthly status reporting	16	6		48	60		130	\$	20,174		\$ 20,174
4.3	Membrane autopsy and analysis	2			8	8		18	\$	2,720	\$ 2,000	\$ 4,720
	Subtotal Task 4	30	6		104	128		268	\$	40,666	\$ 5,000	\$ 45,666
Task 5	Final Reporting											
5.1	Draft Final Report	8	4	8	24	40	8	92	\$	13,388		\$ 13,388
5.2	Final Report incorporating City's comments of Draft	2	2	8	8	8	2	30	\$	4,596		\$ 4,596
5.3	Final Report Review meeting	4			4			8	\$	1,620		\$ 1,620
	Subtotal Task 5	14	6	16	36	48	10	130	\$	19,604	\$ -	\$ 19,604
Total Hours and Fee		72	20	64	238	228	14	636	\$	98,608	\$ 94,250	\$ 192,858

Jim Vickers

From: Gabriela Downey
Sent: Thursday, June 11, 2020 8:28 AM
To: Jim Vickers
Subject: FW: Possible Pilot Opportunity

See Todd's response below. Sounds like if Yucaipa wants to pilot this year their best option is to buy a system.

Thanks,
Gabriela Downey (Handley)
Project Manager
Membrane Support Services



The Membrane Technology Consultants™
3152 Lionshead Ave., Carlsbad, CA 92010
T: 760-400-3660 | Cell: 619-602-6809

From: Todd Sturtz <todd.sturtz@desalitech.com>
Sent: Thursday, June 11, 2020 8:16 AM
To: Gabriela Downey <gdowney@spi-engineering.com>
Subject: RE: Possible Pilot Opportunity

CAUTION: This email originated outside the organization. Do not click links or open attachments unless you know the content is safe.

Good morning Gabriela! Great to hear from you, hope all is well in sunny SoCal 😊

Without seeing the water analysis I'd be shooting from the hip, but our typical 90 day pilots run in the \$50-60k range (cost variance is due to any required site-specific modifications that may need to be made) for a containerized system that is capable of producing 8-15gpm of permeate (based on flux). Additional months are typically \$7500/month, so figure the cost of a 180 day pilot rental would likely be around \$80k.

Bad news & good news- we've gotten more requests for pilots in the past couple months than I saw my entire first year with the company, so we're going to build more pilot systems, but the assets we have are fairly tied up through the end of the year at least. That said, I may be able to get a good price for your client to purchase a system, as we'll soon begin building some and if we simultaneously make multiple of the same pilot system it would save cost of time on engineering, design, drawings, etc. My rep in MN is taking advantage of this as they have so much upcoming pilot activity for Minnesota and Iowa (I never would've guessed Iowa honestly) that they need their own dedicated system. So assuming the client could make a decision in the next few weeks, we may be able to get them a great deal on one. Would it need to be containerized? Is this client in southern California?

Have a great week,
Todd Sturtz PE
Municipal Director, Desalitech
DuPont Water Solutions
Mobile: 360.690.5056



From: Gabriela Downey <gdowney@spi-engineering.com>
Sent: Thursday, June 11, 2020 7:54 AM
To: Todd Sturtz <todd.sturtz@desalitech.com>
Subject: Possible Pilot Opportunity

Hi Todd,

Hope you're doing well! We have a client that is interested in possibly piloting a Desalitech system, this would be a wastewater application. Can you provide pricing for a 6 month rental of a pilot unit as well as the cost of any additional months after the 6 month period on a month to month basis? We're also interested in pricing for purchasing a pilot unit versus renting. Let me know if you need any other details.

Thanks,
Gabriela Downey (Handley)
Project Manager
Membrane Support Services



The Membrane Technology Consultants™
3152 Lionshead Ave., Carlsbad, CA 92010
T: 760-400-3660 | Cell: 619-602-6809



Date: June 16, 2020

Prepared By: Joseph B. Zoba, General Manager

Subject: Discussion Regarding the Principles of Agreement for the Regional Coordination and Achievement of Common Goals between the San Bernardino Valley Municipal Water District, San Gorgonio Pass Water Agency, and the Yucaipa Valley Water District

Recommendation: Pending

Over the past several months, the managers from the San Gorgonio Pass Water Agency, San Bernardino Valley Municipal Water District, and Yucaipa Valley Water District have been meeting with Tim Moore to identify and resolve some of the institutional issues associated with a water retailer receiving imported water from two state water contactors.

Tim Moore did an excellent job of identifying specific benefits and commitments for each agency that when woven together into a single agreement these fundamental concepts will provide benefits for the three partners. Overall, the unique approach taken by Tim Moore provided very enlightening results for the Yucaipa Valley Water District. Hopefully, this framework can be expanded in other areas of the region to accomplish similar objectives.

The attached document reflects the Principles of Agreement for the Yucaipa Valley Water District that will be reviewed by Tim Moore during the board meeting.



Summary of Revised Principles of Agreement for Yucaipa Valley Water District

What are the benefits to YVWD?

- 1) YVWD will receive a 20,000 acre-foot groundwater storage account in the San Bernardino Basin Area (SBBA, aka Bunker Hill basin). The storage account will be subject to the normal Terms & Conditions established for all similar accounts in the SBBA's Conjunctive Use Program.
- 2) Valley District will provide YVWD with a \$5 million revolving line of credit (RLOC) that can be used for the sole purpose of purchasing and storing water (including State Project Water, Nickel Water, or other similar sources of imported water) in the San Bernardino Basin Area (SBBA; aka Bunker Hill Basin). The RLOC can be used to pay for up to two-thirds of the cost of any Nickel Water and up to one-half the cost of any State Project Water that is stored in the SBBA; YVWD must cover the remaining cost. The RLOC will be secured by a lien on the imported water in YVWD's storage account.
- 3) Valley District will pay the conveyance costs for any Nickel Water that YVWD elects to store in the SBBA provided that the water remains in storage for a period of not less than 5 years after it is initially recharged to aquifer.
- 4) YVWD's storage account will be credited for one-half the volume of treated wastewater it discharges to San Timoteo Creek and percolates to the underlying groundwater basin during the term of this agreement provided that the treated wastewater complies with all applicable effluent limitations and waste discharge requirements specified in the NPDES permit issued to YVWD by the Santa Ana Regional Water Quality Control Board. YVWD may use, sell, exchange or transfer the recycled water in its storage account at its discretion and in accordance with state law.
- 5) YVWD may use, store, sell or exchange the Nickel Water at its discretion provided that it does so in a manner consistent with the Terms & Conditions of this Agreement and Pass Agency's original AVEK contract.
- 6) Pass Agency agrees to replace its current monthly billing process for YVWD with an invoicing system based on yearly advance payments and annual reconciliation of any outstanding balance.
- 7) Pass Agency and Valley District agree to coordinate with one another to develop joint specifications that are designed to facilitate YVWD's ability to prepare and submit a single integrated Urban Water Management Plan that meets the requirements of, and is satisfactory to, both wholesale water agencies.
- 8) Pass Agency agrees to maintain its existing policy to prioritize water deliveries to drinking water treatment plants for as long as this Agreement remains in effect.

What commitments must YVWD make?

- 1) YVWD commits to purchase a minimum of 100 acre-feet/year of State Project water to support the Pass Agency's existing policy prioritizing water deliveries to existing drinking water treatment plants. Advance payment will be made annually based on Pass Agency's published rate in effect at the time the payment is due. This water must be used, or exchanged for use, in Pass Agency's service area.
- 2) YVWD commits to purchase a minimum of 300 acre-feet/year of Nickel Water from Pass Agency. Advance payment will be made annually based on same cost that Pass Agency agreed to pay in the AVEK contract. Water will be delivered to a location specified by YVWD; conveyance costs will be shared between YVWD and Valley District (as describe in Item #3 on prior page).
- 3) YVWD must make annual interest-only payments for the RLOC based on the outstanding balance due for the preceding year. The interest rate will be set equal to that applied in the Local Agency Investment Fund (calculated and compounded daily). The entire outstanding RLOC balance must be paid, in full, by 12/31/2041 unless the Boards of Directors for YVWD and Valley District agree to extend the term.
- 4) Any water quality offset credits, generated as a result of YVWD's reliance on the RLOC to import and store State Project Water or Nickel Water in the SBBA, shall belong exclusively to Valley District and may be used, sold, exchanged or transferred in any manner allowed by law.
- 5) YVWD agrees to allow Pass Agency to install flow meters on any water, wastewater or recycled water pipeline owned or controlled by YVWD that crosses the county line, provided that Pass Agency bears all Capital and O&M costs required to install and maintain these meters. YVWD will integrate the meters with its existing SCADA system and the resulting data will be shared with Pass Agency. YVWD will not charge Pass Agency any service fees for the routine expense associated with acquiring, storing or reporting this data.
- 6) YVWD may not transfer it rights to Nickel Water stored in the SBBA, for use outside the service areas of Pass Agency and Valley District, except by in-lieu exchange, without first offering these other two agencies a 60-day right of first refusal to purchase the stored Nickel Water at YVWD's full vested cost (including any interest paid and outstanding RLOC balance due) for said water.
- 7) YVWD agrees to maintain adequate records to track the origin and disposition of all water in its SBBA storage account using the Last In-First Out accounting principle. This is to ensure that all imported water is used in accordance with the applicable restrictions and that said restrictions are not accidentally imposed on waters for which they do not apply.
- 8) YVWD will continue to maintain adequate accounting records to track the origin of all domestic drinking water served in that portion of its service area located in Riverside County. These records will be used to implement the annual accounting and invoicing system between YVWD and Pass Agency. Copies of the accounting records will be provided annually, and upon request, to Pass Agency and Valley District.
- 9) YVWD agrees to transfer all rights to one-half the volume of treated wastewater it discharges to San Timoteo Creek and which percolates to the underlying groundwater basin, during the term of this Agreement, to Valley District.

General Terms and Conditions Applicable to All Parties

- 1) Initial agreement will be for 5 years: commencing on 1/1/2021 and ending on 12/31/2025.
- 2) Agreement shall be automatically extended for up to three additional 5 year terms unless one of the parties provides written notice declining the extension no later than 180 days prior to the date on which the Agreement would otherwise be automatically extended.
- 3) In the event that the initial Agreement expires or is not otherwise extended, all long-term provisions of the Agreement, that are designed to extend beyond the initial five year term (e.g. RLOC repayment, storage accounts, offset credits, etc.) shall continue to remain in full force and effect.
- 4) All amendments and revisions to the Agreement must be made in writing and require unanimous consent of all three parties in order to take effect.
- 5) Lots of additional standard contract language related to severability, dispute resolution, third party beneficiaries, jurisdiction, indemnification, notification, successors, default, duty to cooperate, etc.



Director Memorandum 20-101

Date: June 16, 2020

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Presentation of the Unaudited Financial Report for the Period Ending on May 31, 2020

Recommendation: That the Board receive and file the unaudited financial report.

The following unaudited financial report has been prepared by the Administrative Department for your review. The report has been divided into five sections to clearly disseminate information pertaining to the financial status of the District. Please remember that the following financial information has not been audited.

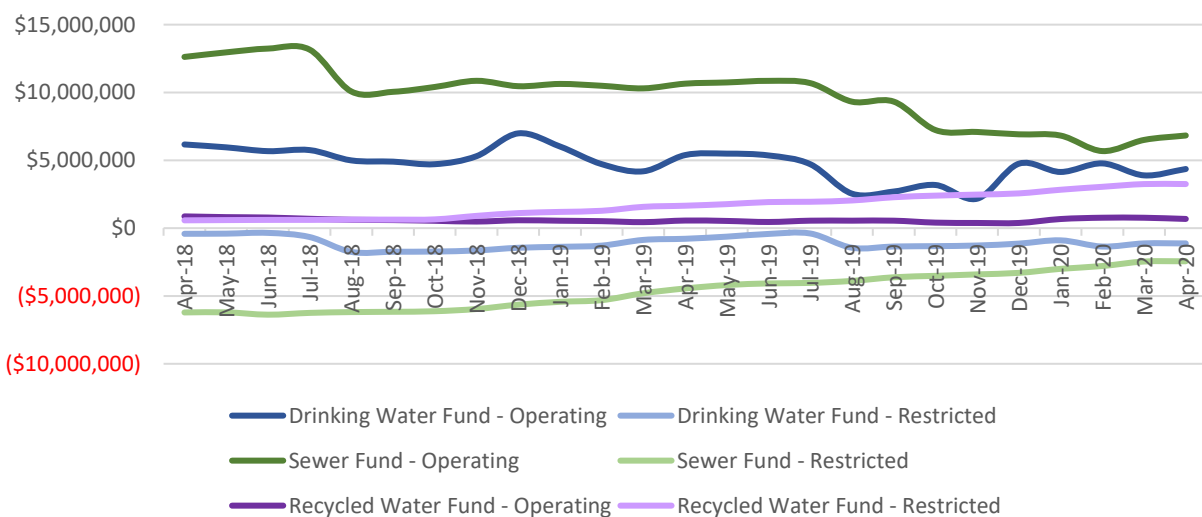
Cash Fund Balance and Cash Flow Reports

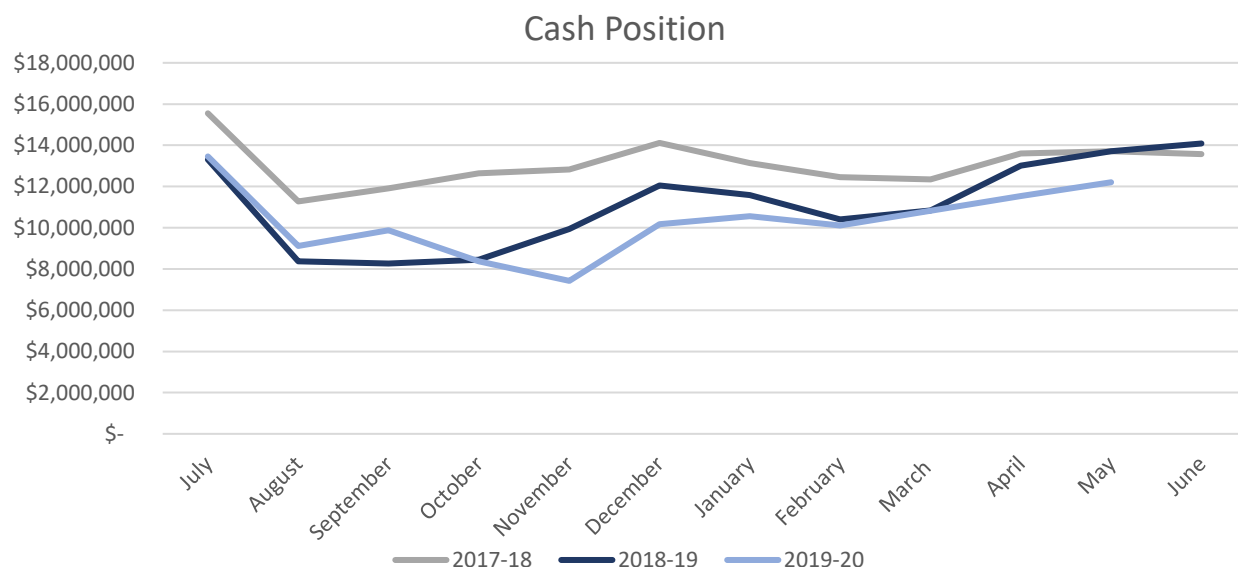
[Detailed information can be found on page 7 to 8 of 24]

The Cash Fund Balance Report provides a summary of how the total amount of funds maintained by financial institutions is distributed throughout the enterprise and non-enterprise funds of the District. A summary of the report is as follows:

Fund Source	Operating Funds	Restricted Funds	Total Funds
Water Division	\$ 4,220,772.94	\$ (1,067,680.35)	\$ 3,153,092.59
Sewer Division	\$ 7,204,539.86	\$ (2,269,129.54)	\$ 4,935,410.32
Recycled Water Division	\$ 736,745.55	\$ 3,386,844.66	\$ 4,123,590.21
Total	\$ 12,162,058.35	\$ 50,034.77	\$ 12,212,093.12

Fund Balance





Most of the funds reflected in the Cash Fund Balance Report are designated for specific purposes and are therefore restricted, either by law or by District policy.

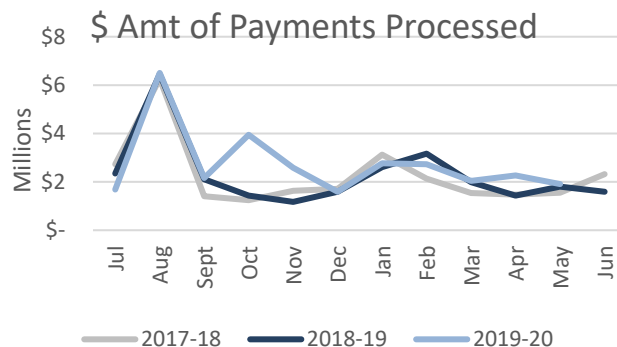
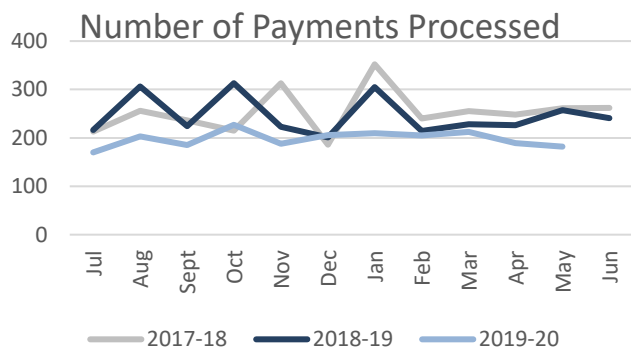
The Cash Flow Report provides a list of the debt service payment due dates and amounts as well as the cash flow requirements for debt service for each month of the fiscal year.

Cash Disbursement Report

[Detailed information can be found on pages 9 to 12 of 24]

The cash disbursement report lists each check and electronic payment processed during the month of May 2020. All payments are reviewed by District staff for accuracy and completeness, checks are usually signed by the General Manager and one Director but may be signed by two Directors. The Chief Financial Officer will make any check, payment, invoice or supporting documentation available for review to any board member upon request.

	Number Processed	Amount Processed
Checks	169	\$ 1,247,317.84
Electronic Payments	13	\$ 666,334.25
Total	182	\$ 1,913,652.09



Financial Account Information

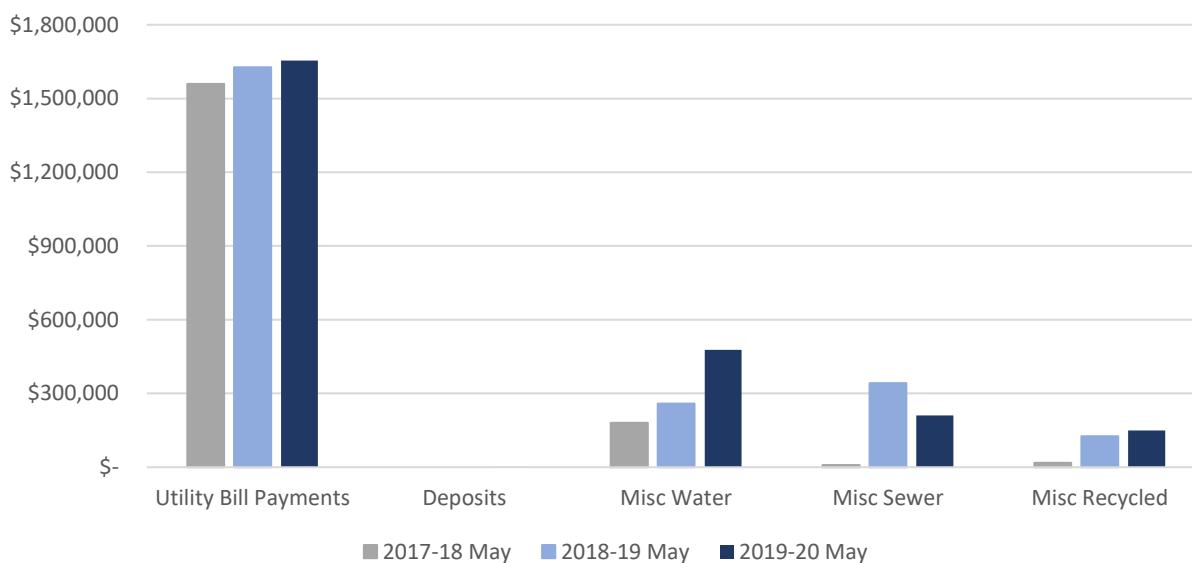
The District currently deposits all revenue received via mail or in person into the Deposit Checking account. All revenue received through Xpress Bill Pay is kept in a separate account and transferred weekly to the Deposit Checking account. The General Checking account is used as a sole processing account for all District checks and electronic payroll. The Investment Checking account is used for the purchase and redemption of US treasury notes and bills and for the transfer of LAIF funds. The US treasury notes and bills are booked at cost.

The LAIF investment account is a pooled money account administered by the State of California. Additional information on the LAIF account is provided below in the investment summary report.

Monthly Revenue Allocation:

Funding Source	Total
Utility Bill Payments	\$ 1,654,365.95
Deposits	\$ 300.00
Misc. Water Related Activities	\$ 477,730.09
Misc. Sewer Related Activities	\$ 211,297.54
Misc. Recycled Related Activities	\$ 149,845.87
Total	\$ 2,493,539.45

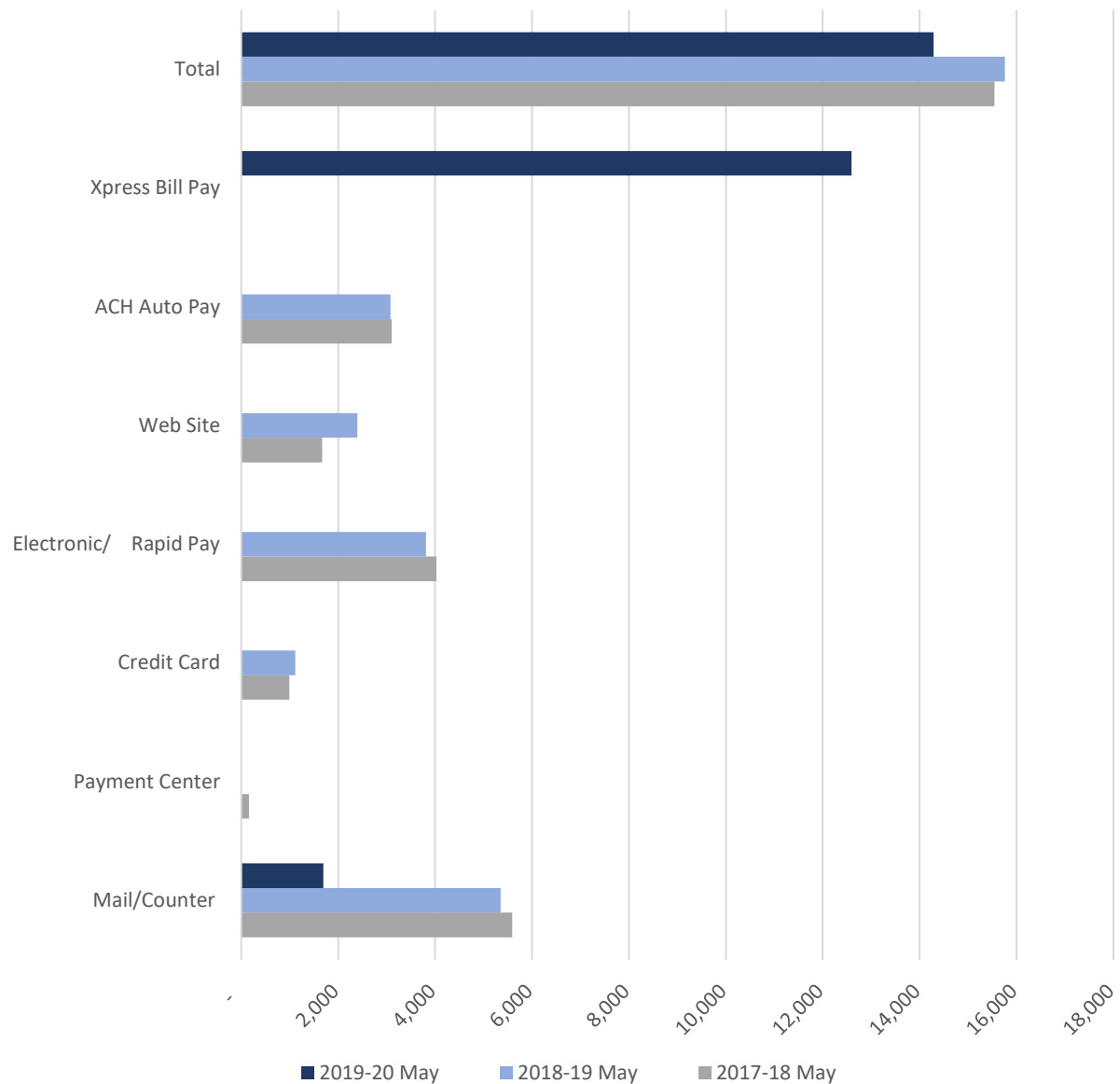
Monthly Revenue Allocation



Summary of Utility Bill Payments:

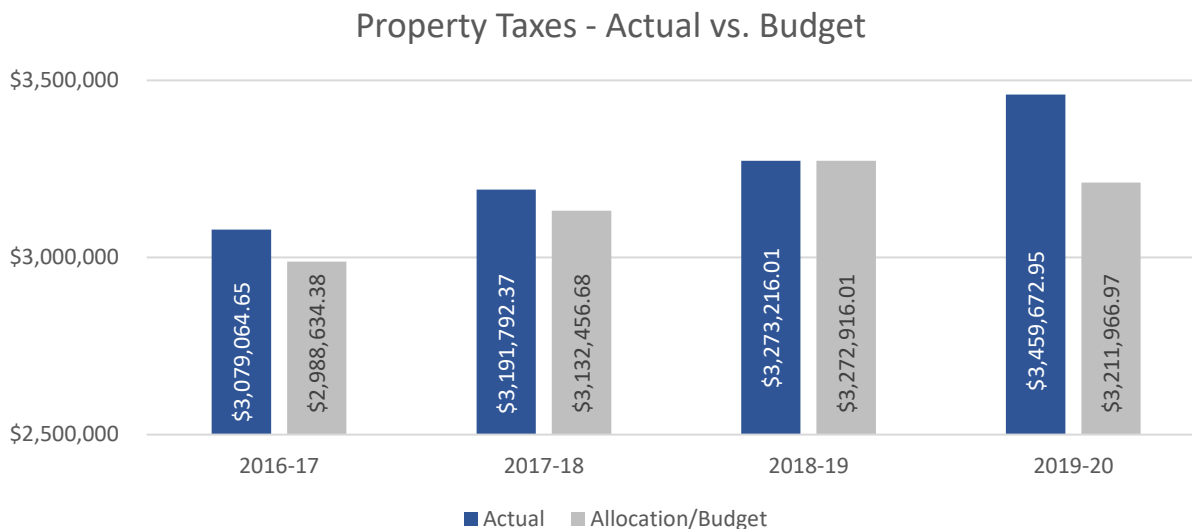
Payment Method	Number of Payments	% of Total Received
Mail/Counter	1,694	11.86%
Xpress Bill Pay	12,593	88.14%
Total	14,287	100.00%

Type of Payments



Summary of Property Tax Revenue: The initial budgeted amount was \$3,875,000 and the amount received is 89% of that amount. The allocation amount is listed below and is actually less than the total property tax the District has received in this fiscal year.

Current Month	Year-to-Date	Allocation Amount	Percentage
Property Taxes	\$ 3,211,967	\$ 3,459,673	107.71%



Investment Summary

[Detailed information can be found on pages 13 to 14 of 24]

The investment summary report illustrates the District's investments in US treasury notes and bills in addition to the investments held by the Local Agency Investment Fund or LAIF. The yields for the treasury notes and bills are provided for each individual transaction. The historical annual yield for funds invested with LAIF is also provided.

Separate pooled money investment reports prepared by the State of California are maintained by the District and available for review.

Investment Policy Disclosure - The District is currently compliant with the portfolio of its Investment Policy and State law. The District is using Sandy Gage with Merrill Lynch Wealth Management (Bank of America Corporation) for Treasury investments. The District expects to meet its expenditure requirements for the next six months.

Fiscal Year 2019-20 Detail Budget Status

[Detailed information can be found on pages 15 to 24 of 24]

The revenue and expense budget status for the 2019-20 Fiscal Year is provided for your review.

Questions or Comments

If you have any questions about a particular budget account, please do not hesitate to contact the Chief Financial Officer directly. If you need additional information, the members of the Administrative Department would be happy to provide you with any detailed information you may desire.

Summary of Revenue Budget As of May 31, 2020 (77% of Budget Cycle)				
Division	Current Month	Year-to-Date	Budget Amount	Percentage
Water	\$ 1,099,583	\$ 13,108,794	\$ 14,475,622	90.56%
Sewer	\$ 969,737	\$ 11,613,688	\$ 13,584,986	85.49%
Recycled Water	\$ 133,271	\$ 1,377,898	\$ 1,301,447	105.87%
District Revenue	\$ 2,202,591	\$ 26,100,380	\$ 29,362,055	88.89%

Summary of Water Budget vs. Expenses As of May 31, 2020 (77% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Water Resources	\$ 265,467	\$ 3,690,761	\$ 4,962,623	74.37%
Public Works	\$ 204,128	\$ 2,745,179	\$ 3,176,293	86.43%
Administration	\$ 259,824	\$ 3,456,765	\$ 4,044,094	85.48%
Long Term Debt	\$ -	\$ 2,291,361	\$ 2,292,612	99.95%
Asset Acquisition	\$ -	\$ -	\$ -	0.00%
TOTAL	\$ 729,420	\$ 12,184,067	\$ 14,475,622	84.17%

Summary of Sewer Budget vs. Expenses As of May 31, 2020 (77% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Treatment	\$ 303,408	\$ 3,961,743	\$ 4,198,162	94.37%
Administration	\$ (88,269)	\$ 2,734,559	\$ 4,170,789	65.56%
Environmental Control	\$ 89,814	\$ 1,149,006	\$ 1,382,316	83.12%
Long Term Debt	\$ -	\$ 3,833,694	\$ 3,833,719	100.00%
Asset Acquisition	\$ -	\$ -	\$ -	0.00%
TOTAL	\$ 304,954	\$ 11,679,002	\$ 13,584,986	85.97%

Summary of Recycled Water Budget vs. Expenses As of May 31, 2020 (77% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Administration	\$ 71,975	\$ 978,055	\$ 1,301,447	75.15%
TOTAL	\$ 71,975	\$ 978,055	\$ 1,301,447	75.15%
District Expenses	\$ 1,106,348	\$ 24,841,124	\$ 29,362,055	84.60%

Cash Fund Balance Report - May 2020

Water Division		GL#	Balance
Restricted	*ID 1 Construction Funds	02-10216	\$ 293,145.85
	*ID 2 Construction Funds	02-10217	\$ 80,409.31
	*FCC - Debt Service YVRWFF Phase I	02-10401	\$ (6,001,370.80)
	*FCC - Future YVRWFF Phase II & III	02-10403	\$ 602,779.82
	*FCC - Recycled System	02-10410	\$ (584,086.52)
	*FCC - Booster Pumping Plants	02-10411	\$ 995,445.74
	*FCC - Pipeline Facilities	02-10412	\$ 964,485.92
	*FCC - Water Storage Reservoirs	02-10413	\$ 2,581,510.33
Operating	Depreciation Reserves	02-10310	\$ -
	Infrastructure Reserves	02-10311	\$ 3,486,093.29
	Sustainability Fund	02-10313	\$ 135,708.86
	Rate Stabilization Fund	02-10314	\$ 500,209.14
	Supplemental Water Fund - San Bernardino	02-10315	\$ 985,553.50
	Supplemental Water Fund - Riverside	02-10316	\$ 955,993.03
	Operating Funds:		\$ (1,842,784.88)
Total Water Division			\$ 3,153,092.59

Sewer Division		GL#	Balance
Restricted	*SRF Reserve Fund - Brineline	03-10218	\$ 637,449.00
	*SRF Reserve Fund - WISE	03-10219	\$ 184,928.00
	*SRF Reserve Fund - R 10.3	03-10220	\$ 51,531.00
	*SRF Reserve Fund - Crow St	03-10221	\$ 19,255.00
	*FCC - Debt Service WWTP Expansion & Upgrade	03-10405	\$ 3,407,719.68
	*FCC - Future WWTP Expansion	03-10407	\$ 2,496,984.47
	*FCC - Sewer Interceptors	03-10415	\$ (586,585.11)
	*FCC - Lift Stations	03-10416	\$ 446,547.91
	*FCC - Effluent Disposal Facilities	03-10417	\$ (1,265,829.90)
	*FCC - Salt Mitigation Facilities	03-10418	\$ (7,661,129.59)
Operating	Project Fund - Encumbered	03-10215	\$ 646,500.00
	Depreciation Reserves	03-10310	\$ -
	Infrastructure Reserves	03-10311	\$ 7,893,965.37
	Rate Stabilization Fund	03-10314	\$ 1,464,394.90
	Operating Funds:		\$ (2,800,320.41)
Total Wastewater Division			\$ 4,935,410.32

Recycled Water Division		GL#	Balance
Restricted	*FCC - Recycled System	04-10410	\$ 309,003.96
	*FCC - Booster Pumping Plants	04-10411	\$ 264,057.45
	*FCC - Pipeline Facilities	04-10412	\$ 1,529,594.30
	*FCC - Water Storage Reservoirs	04-10413	\$ 1,284,188.95
Operating	Depreciation Reserves	04-10310	\$ -
	Infrastructure Reserves	04-10311	\$ 320,486.40
Operating Funds:			\$ 416,259.15
Total Recycled Water Division			\$ 4,123,590.21

DISTRICT TOTAL \$ 12,212,093.12

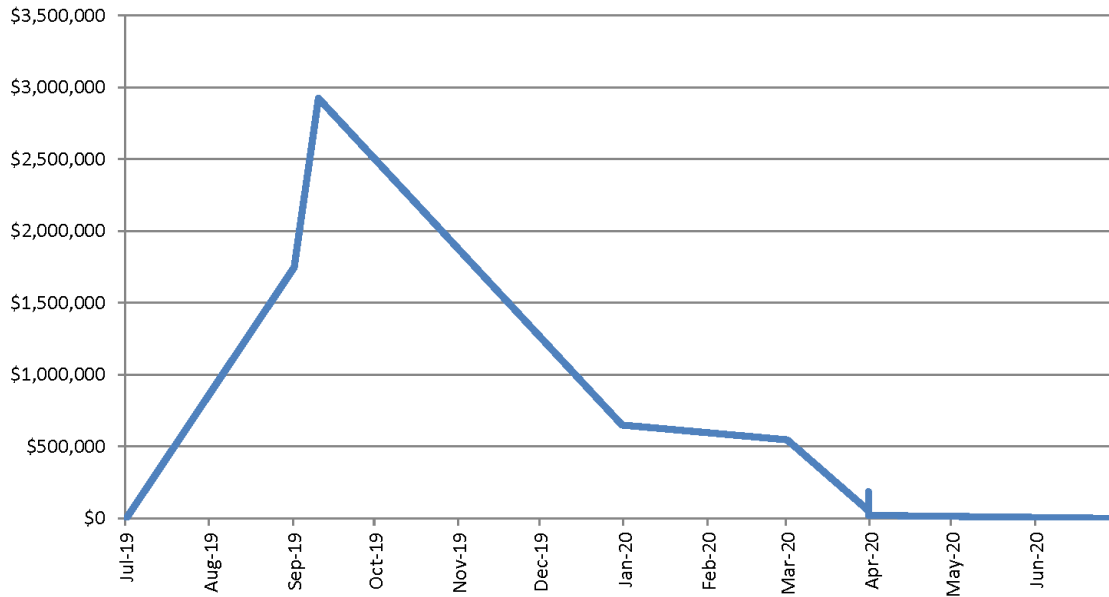
*=Restricted Funds

Cash Flow Report for Fiscal Year 2019-20

Financial Obligations for Fiscal Year 2019-20

Due Date	Fund	Description	Term of Obligation	Amount
9/1/2019	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 1,745,931.25
9/10/2019	Sewer	SRF Payment - WRWRF	2009-2028	\$ 2,923,668.75
12/31/2019	Sewer	SRF Payment - Yucaipa Regional Brineline	2013-2032	\$ 649,273.50
3/1/2020	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 546,681.25
3/31/2020	Sewer	SRF Payment - Recycled Reservoir R-10.3	2014-2033	\$ 54,277.31
3/31/2020	Sewer	SRF Payment - Desalinization at WRWRF	2014-2033	\$ 185,251.30
3/31/2020	Sewer	SRF Payment - Crow Street/Recycled Booster B-12.1	2016-2035	\$ 21,233.27
Total				\$ 6,126,316.63

Payment Schedule and Cash Flow Requirements for Fiscal Year 2019-20



Check Register - May 2020

Date	Check #	Payee or Description	Amount
5/4/2020	36868	ADS, LLC	\$ 4,275.00
5/4/2020	36869	Ameripride Uniform Services	\$ 858.90
5/4/2020	36870	Aqua-Metric Sales Company	\$ 69,156.74
5/4/2020	36871	AutoZone Stores LLC	\$ 8.61
5/4/2020	36872	Best Home Center	\$ 71.45
5/4/2020	36873	Brenntag Pacific, Inc	\$ 30,183.70
5/4/2020	36874	Burgeson's Heating & Air Cond. Inc	\$ 99.00
5/4/2020	36875	Caselle, Inc.	\$ 2,870.00
5/4/2020	36876	Charles P. Crowley Company, Inc.	\$ 8,748.20
5/4/2020	36877	Clark Pest Control	\$ 115.00
5/4/2020	36878	Clinical Laboratory of San Bernardino	\$ 11,177.00
5/4/2020	36879	Cortech Engineering	\$ 11,616.58
5/4/2020	36880	Coverall North America, Inc.	\$ 1,331.00
5/4/2020	36881	Crown Ace Hardware - Yucaipa	\$ 45.25
5/4/2020	36882	EBS UTILITIES ADJUSTING INC.	\$ 5,250.00
5/4/2020	36883	Epic Pest Management	\$ 85.00
5/4/2020	36884	First American Data Tree, LLC	\$ 50.00
5/4/2020	36885	Freedom Mailing Services	\$ 5,040.00
5/4/2020	36886	Hasa, Inc.	\$ 3,735.40
5/4/2020	36887	Hemet Valley Tool Inc.	\$ 93.93
5/4/2020	36888	House Of Quality, Parts Plus	\$ 41.71
5/4/2020	36889	Houston & Harris PCS, Inc.	\$ 1,973.25
5/4/2020	36890	Integrity Hose and Fittings	\$ 260.33
5/4/2020	36891	John Deere Financial f.s.b.	\$ 231.04
5/4/2020	36892	Kelly Services, Inc.	\$ 1,008.40
5/4/2020	36893	Kenneth Carnes	\$ 1,427.69
5/4/2020	36894	Lawrence Roll Up Doors, Inc.	\$ 998.33
5/4/2020	36895	Les Schwab Tire Center	\$ 106.88
5/4/2020	36896	Nagem, Inc.	\$ 591.32
5/4/2020	36897	Nalco Company	\$ 2,828.18
5/4/2020	36898	NetComp Technologies, Inc.	\$ 5,825.87
5/4/2020	36899	Office Solutions Bsns Products, L	\$ 2,392.59
5/4/2020	36900	Pacific Coast Landscape & Design, Inc.	\$ 1,825.00
5/4/2020	36901	Q Versa, LLC	\$ 1,698.94
5/4/2020	36902	Redline	\$ 6,787.66
5/4/2020	36903	The Counseling Team International	\$ 675.00
5/4/2020	36904	The Gas Company	\$ 2,138.99
5/4/2020	36905	Uline, Inc.	\$ 897.88
5/4/2020	36906	Underground Service Alert Of So. CA	\$ 277.30
5/4/2020	36907	UPS Store#1504/ Mail Boxes Etc.	\$ 57.00
5/4/2020	36908	Wilbur's	\$ 162.60
5/4/2020	36909	Yucaipa Disposal, Inc.	\$ 1,923.84
5/4/2020	36910	Yucaipa Valley Water District	\$ 59,533.92
5/11/2020	36911	Alpine Springs	\$ 62.45
5/11/2020	36912	Ameripride Uniform Services	\$ 913.03
5/11/2020	36913	AT&T Mobility	\$ 2,401.94

Check Register - May 2020

5/11/2020	36914	AutoZone Stores LLC	\$	3.00
5/11/2020	36915	Best Home Center	\$	51.67
5/11/2020	36916	Burgeson's Heating & Air Cond. Inc	\$	429.00
5/11/2020	36917	Commercial Solar Guy	\$	9,740.00
5/11/2020	36918	Corelogic, Inc.	\$	330.00
5/11/2020	36919	Crown Ace Hardware - Yucaipa	\$	19.38
5/11/2020	36920	Ferguson Waterworks #1083	\$	3,323.01
5/11/2020	36921	Freedom Mailing Services	\$	7,885.61
5/11/2020	36922	Frontier Communications	\$	161.02
5/11/2020	36923	G&G Environmental Compliance, Inc	\$	1,540.73
5/11/2020	36924	Grainger	\$	24.09
5/11/2020	36925	Houston & Harris PCS, Inc.	\$	1,973.25
5/11/2020	36926	Inland Water Works Supply Co.	\$	24.59
5/11/2020	36927	JW D'Angelo Co.	\$	9,119.02
5/11/2020	36928	Kelly Services, Inc.	\$	1,008.40
5/11/2020	36929	Konica Minolta Business Solutions	\$	488.86
5/11/2020	36930	Les Schwab Tire Center	\$	134.72
5/11/2020	36931	Merit Oil Company	\$	2,131.36
5/11/2020	36932	NetComp Technologies, Inc.	\$	6,950.00
5/11/2020	36933	Pro-Pipe & Supply, Inc.	\$	119.61
5/11/2020	36934	Q Versa, LLC	\$	15,825.96
5/11/2020	36935	Redline	\$	3,763.71
5/11/2020	36936	Separation Processes, Inc.	\$	2,250.00
5/11/2020	36937	Time Warner Cable	\$	279.87
5/11/2020	36938	University of Arizona -WEST Center	\$	116.38
5/11/2020	36939	California State Disbursement Unit	\$	743.52
5/11/2020	36940	IBEW Local #1436	\$	570.00
5/11/2020	36941	WageWorks Inc	\$	1,414.03
5/11/2020	36942	Berkshire Hathaway Homestate Companies	\$	13,885.41
5/11/2020	36943	CA-EDD	\$	235.00
5/11/2020	36944	Steve Hines No.1, LLC	\$	15,080.00
5/11/2020	36945	Time Warner Cable	\$	1,307.51
5/11/2020	36946	Water Environment Federation	\$	332.00
5/11/2020	36947	Wood, Marilyn	\$	4,261.04
5/18/2020	36948	Alliant Insurance Services, Inc.	\$	42,805.39
5/18/2020	36949	Ameripride Uniform Services	\$	864.90
5/18/2020	36950	Aqua-Metric Sales Company	\$	158,966.67
5/18/2020	36951	Atlas Copco Compressors, LLC	\$	2,160.00
5/18/2020	36952	Avista Technologies, Inc.	\$	7,415.51
5/18/2020	36953	Brenntag Pacific, Inc	\$	10,268.70
5/18/2020	36954	Cal-Mesa Steel Supply, Inc.	\$	15.09
5/18/2020	36955	Central Communications	\$	3,374.09
5/18/2020	36956	Crown Ace Hardware - Yucaipa	\$	43.66
5/18/2020	36957	Evoqua Water Technologies LLC	\$	2,121.56
5/18/2020	36958	G&G Environmental Compliance, Inc	\$	2,747.53
5/18/2020	36959	Hach Company	\$	1,409.66
5/18/2020	36960	Hasa, Inc.	\$	2,937.62

Check Register - May 2020

5/18/2020	36961	House Of Quality, Parts Plus	\$	70.39
5/18/2020	36962	JW D'Angelo Co.	\$	524.44
5/18/2020	36963	Kelly Services, Inc.	\$	993.78
5/18/2020	36964	Leighton Consulting, Inc.	\$	1,298.00
5/18/2020	36965	Merit Oil Company	\$	2,402.32
5/18/2020	36966	Michael Bauers	\$	445.50
5/18/2020	36967	O'Conner Equipment	\$	3,065.00
5/18/2020	36968	Office Solutions Bsns Products, L	\$	1,053.80
5/18/2020	36969	Pacific Coast Landscape & Design, Inc.	\$	4,725.00
5/18/2020	36970	Page Locksmith	\$	85.66
5/18/2020	36971	Quinn Company	\$	11,134.59
5/18/2020	36972	South Coast A.Q.M.D.	\$	137.63
5/18/2020	36973	Southern CA Emergency Medicine, Inc.	\$	95.00
5/18/2020	36974	Spectrum Business	\$	3,668.00
5/18/2020	36975	Tramfloc, Inc	\$	988.50
5/18/2020	36976	UPS Store#1504/ Mail Boxes Etc.	\$	20.37
5/18/2020	36977	Atkinson, Andelson, Loya, Ruud & Romo	\$	1,332.50
5/18/2020	36978	David L. Wysocki	\$	4,425.00
5/18/2020	36979	Dudek & Associates, Inc	\$	3,036.25
5/18/2020	36980	Geoscience Support Services, Inc.	\$	36,757.50
5/18/2020	36981	One Stop Landscape Supply Inc	\$	25,241.00
5/18/2020	36982	Separation Processes, Inc.	\$	13,045.75
5/18/2020	36983	Superior Tank Co., Inc.	\$	30,029.50
5/26/2020	36984	California State Disbursement Unit	\$	743.52
5/26/2020	36985	WageWorks Inc	\$	1,414.03
5/26/2020	36986	Aflac	\$	2,995.89
5/26/2020	36987	Blue Shield of California	\$	4,602.90
5/26/2020	36988	Nippon Life Insurance Co	\$	2,804.77
5/26/2020	36989	Standard Dental Insurance Co	\$	1,488.76
5/26/2020	36990	Standard Insurance Vision Plan	\$	321.68
5/26/2020	36991	Western Dental Services Inc	\$	208.13
5/26/2020	36992	Meyers Nave	\$	16,169.75
5/26/2020	36993	All American Sewer Tools	\$	2,399.54
5/26/2020	36994	Ameripride Uniform Services	\$	871.59
5/26/2020	36995	Atlas Copco Compressors, LLC	\$	3,004.92
5/26/2020	36996	Avista Technologies, Inc.	\$	15,361.59
5/26/2020	36997	C & B Crushing, Inc.	\$	460.00
5/26/2020	36998	Calmat Company	\$	2,608.57
5/26/2020	36999	Caltrol Inc.	\$	11,006.11
5/26/2020	37000	Chapman Heights Yucaipa LLC	\$	3,417.57
5/26/2020	37001	Clean Diesel Specialists So Cal Inc	\$	1,842.62
5/26/2020	37002	Crown Ace Hardware - Yucaipa	\$	33.51
5/26/2020	37003	Federal Licensing Inc	\$	124.00
5/26/2020	37004	Fedex	\$	339.97
5/26/2020	37005	Frontier Communications	\$	156.04
5/26/2020	37006	Grainger	\$	126.88
5/26/2020	37007	Hach Company	\$	1,688.93

Check Register - May 2020

5/26/2020	37008	Hasa, Inc.	\$ 3,683.43
5/26/2020	37009	Houston & Harris PCS, Inc.	\$ 3,946.50
5/26/2020	37010	Inland Water Works Supply Co.	\$ 5,012.42
5/26/2020	37011	JW D'Angelo Co.	\$ 3,921.43
5/26/2020	37012	Kelly Services, Inc.	\$ 1,008.40
5/26/2020	37013	Lorine Billiard	\$ 652.79
5/26/2020	37014	Merit Oil Company	\$ 1,383.61
5/26/2020	37015	Metricom Networks	\$ 2,470.00
5/26/2020	37016	NetComp Technologies, Inc.	\$ 6,443.93
5/26/2020	37017	Nexa	\$ 1,140.94
5/26/2020	37018	Padgetts Cleaning & Restoration Inc	\$ 1,801.18
5/26/2020	37019	Page Locksmith	\$ 153.71
5/26/2020	37020	Polydyne Inc.	\$ 3,462.86
5/26/2020	37021	Pro-Pipe & Supply, Inc.	\$ 10.37
5/26/2020	37022	SB CNTY-Solid Waste Mgmt Div	\$ 325.48
5/26/2020	37023	SCE Rosemead	\$ 177,869.80
5/26/2020	37024	Servpro of South Redlands/Yucaipa	\$ 6,195.84
5/26/2020	37025	South Coast A.Q.M.D.	\$ 137.63
5/26/2020	37026	Southern California Edison	\$ 144,853.25
5/26/2020	37027	Spectrum Business	\$ 2,649.00
5/26/2020	37028	Susan Krug	\$ 526.28
5/26/2020	37029	Titan Electric	\$ 65,000.00
5/26/2020	37030	UPS Store#1504/ Mail Boxes Etc.	\$ 247.70
5/26/2020	37031	Doug Earnest	\$ 640.51
5/26/2020	37032	Joe DeSalliers	\$ 592.13
5/26/2020	37033	Peggy Little	\$ 640.51
5/26/2020	37034	Robert Wall	\$ 785.37
5/26/2020	37035	WageWorks, Inc.	\$ 191.75
5/26/2020	37036	YVWD-Petty Cash	\$ 300.24
			<u>\$ 1,247,317.84</u>
5/8/2020	electronic pmt	DIRECT DEPOSIT TOTAL	\$ 152,916.10
5/12/2020	electronic pmt	CalPERS 457 & Loan	\$ 27,051.40
5/12/2020	electronic pmt	CalPERS Retirement	\$ 32,438.43
5/12/2020	electronic pmt	EDD - State of California	\$ 11,122.39
5/12/2020	electronic pmt	IRS	\$ 63,110.36
5/12/2020	electronic pmt	VOYA 457 Retirement Plan	\$ 5,923.58
5/22/2020	electronic pmt	DIRECT DEPOSIT TOTAL	\$ 147,378.13
5/22/2020	electronic pmt	CalPERS 457 & Loan	\$ 24,064.40
5/22/2020	electronic pmt	CalPERS Retirement	\$ 31,560.55
5/22/2020	electronic pmt	EDD - State of California	\$ 10,589.65
5/22/2020	electronic pmt	IRS	\$ 59,823.53
5/22/2020	electronic pmt	VOYA 457 Retirement Plan	\$ 4,542.58
5/26/2020	electronic pmt	CalPERS Health Insurance	\$ 95,813.15
			<u>\$ 666,334.25</u>

Investment Summary - May 2020

U.S. TREASURIES						
Quantity	Description	Cusip	Maturity Date	Yield	Cost of Purchase	Market Value
500,000	US Treasury Bill	912796SV2	June 18, 2020	2.150%	\$ 491,590.83	\$ 528,219.03
500,000			Total Values		\$ 491,590.83	\$ 528,219.03

Money Market Account Activity-Beginning Balance	\$ 28,273.78
7/31/17 - Bond Interest	\$ -
7/31/18 - Dividend/Interest	\$ 0.25
Cusip 912796QM4 Accrued Interest Paid	
Business Account Fee	
Income	\$ 0.25
Intra-Bank Transfers to/from Investment Checking	\$ -
Fund Transfers	\$ -
Cusip Maturity	
Redemptions	\$ -
Cusip Purchase	
Purchases	\$ -
Ending Balance - Money Market	\$ 28,274.03
US Treasury Securities Investment Principal	\$ 491,590.83
Total Assets	\$ 519,864.86

Note: As of 6/4/2020, the updated treasury information for May has not been received. The information above is as of 4/30/20.

Investment Summary - May 2020

LOCAL AGENCY INVESTMENT FUND

PERIOD	TOTAL WITHDRAWAL AMOUNT	TOTAL DEPOSIT AMOUNT	ACCRUED INTEREST (QUARTERLY)	ENDING BALANCE
July 31, 2019	\$ -	\$ -	\$ 56,327.40	\$ 10,343,772.08
August 31, 2019	\$ (2,900,000.00)	\$ -	\$ -	\$ 7,443,772.08
September 30, 2019	\$ -	\$ -	\$ -	\$ 7,443,772.08
October 31, 2019	\$ (1,000,000.00)	\$ -	\$ 54,200.09	\$ 6,497,972.17
November 30, 2019	\$ -	\$ -	\$ -	\$ 6,497,972.17
December 31, 2019	\$ -	\$ -	\$ 38,378.94	\$ 6,536,351.11
January 31, 2020	\$ -	\$ 1,490,000.00	\$ -	\$ 8,026,351.11
February 28, 2020	\$ -	\$ -	\$ -	\$ 8,026,351.11
March 31, 2020	\$ -	\$ -	\$ -	\$ 8,026,351.11
April 30, 2020	\$ -	\$ -	\$ 38,586.52	\$ 8,064,937.63
May 31, 2020	\$ -	\$ 1,500,000.00	\$ -	\$ 9,564,937.63
June 30, 2020	\$ -	\$ -	\$ -	\$ 9,564,937.63

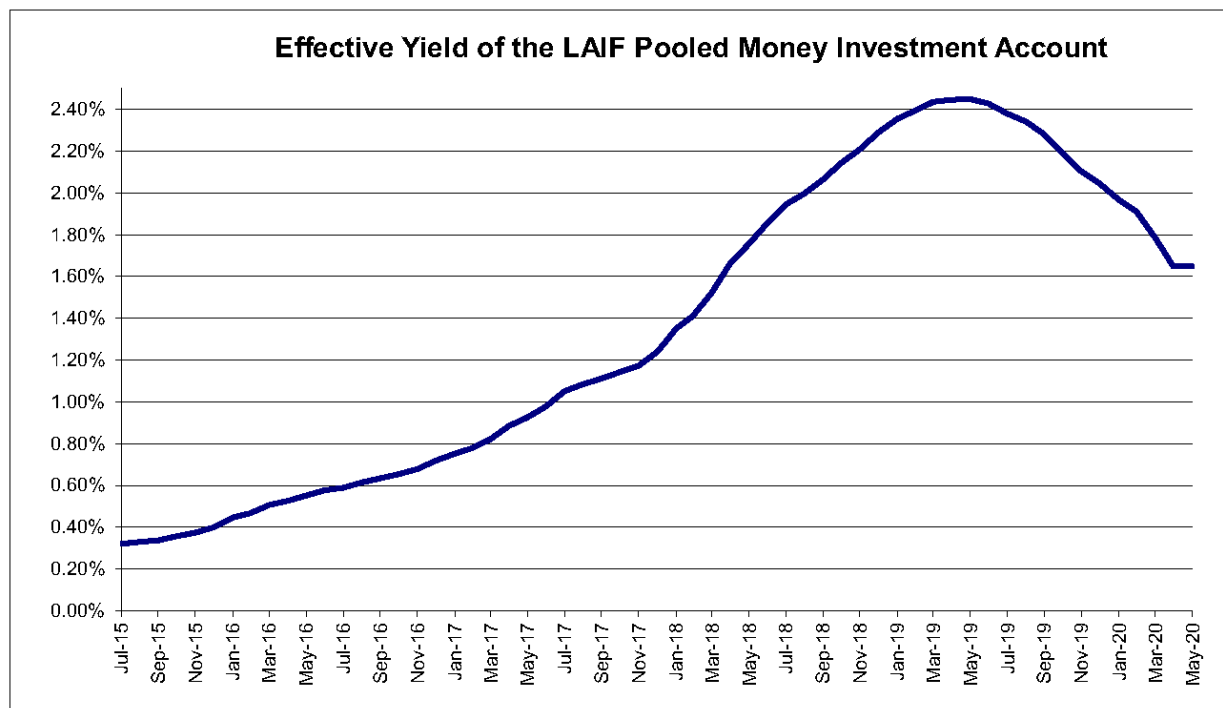
L.A.I.F. INCOME SUMMARY

CURRENT QUARTER FY YEAR-TO-DATE

INCOME RECEIVED

\$ 38,586.52

\$ 187,492.95



FY 2019-20 Water Revenue					
G/L ACCOUNT#	DESCRIPTION	BUDGET	May'20	Year to Date	%
02-400-40010	Sales-Water & Non Potable	\$ 5,600,000	\$ 565,420	\$ 5,488,235	98.00%
02-400-40011	Sales-Construction Water	\$ 100,000	\$ 2,579	\$ 22,209	22.21%
02-400-40012	Sales-Imported Water-SGPWA	\$ 250,000	\$ 22,245	\$ 223,053	89.22%
02-400-40013	Sales-Imported Water-MUNI	\$ 850,000	\$ 73,723	\$ 692,911	81.52%
02-400-40014	Sales-Disc (Multi Unit) Commdy	\$ (110,000)	\$ (10,273)	\$ (97,530)	88.66%
02-400-40015	Sales-Wholesale Water	\$ 200,000	\$ 7,380	\$ 84,295	42.15%
02-400-40016	Sales-Establish Service Fee	\$ 6,000	\$ 625	\$ 6,150	102.50%
02-400-41000	Sales-Service Demand Charges	\$ 3,500,000	\$ 295,610	\$ 2,971,226	84.89%
02-400-41001	Sales-Fire Srv Standby Fees	\$ 40,000	\$ 4,330	\$ 158,025	395.06%
02-400-41003	Sales-Const Water Minimum Chg	\$ 5,000	\$ 273	\$ 1,976	39.52%
02-400-41005	Sales-Disc (Multi Units)-SC	\$ (135,000)	\$ (11,868)	\$ (121,914)	90.31%
02-400-41010	Unauthorized Use of Water Chrg	\$ 2,000	\$ -	\$ -	0.00%
02-400-41110	Meter/Lateral Installation	\$ 100,000	\$ 24,550	\$ 222,818	222.82%
02-400-41112	Fire Flow Test Fees	\$ 4,500	\$ 600	\$ 5,225	116.11%
02-400-41113	Disconnect & Reconnect Fees	\$ 100,000	\$ -	\$ 27,848	27.85%
02-400-41121	Delinquent Payment Charges	\$ 135,000	\$ -	\$ 93,128	68.98%
02-400-41124	Bad Debt Write-Off & Recovery	\$ (20,000)	\$ (12,122)	\$ (12,122)	60.61%
02-421-42122	Revenue - Other, Operating	\$ -	\$ 73	\$ 9,301	N/A
02-421-42123	Admin, Management & Acctg Fees	\$ 210,000	\$ 17,500	\$ 192,500	91.67%
02-430-43010	Interest Earned	\$ 115,000	\$ 92	\$ 67,531	58.72%
02-431-43110	Property Tax - Unsecured	\$ 250,000	\$ 110	\$ 118,601	47.44%
02-431-43120	Property Tax - Secured	\$ 3,000,000	\$ 72,487	\$ 2,721,647	90.72%
02-431-43130	Tax Collection - Prior	\$ 45,000	\$ 775	\$ 32,991	73.31%
02-431-43140	Taxes - Other	\$ 180,000	\$ 45,173	\$ 186,430	103.57%
02-491-49110	Rental Income	\$ 3,000	\$ -	\$ -	0.00%
02-491-49150	Revenue - Misc Non-Operating	\$ 45,122	\$ 300	\$ 14,260	31.60%
	WATER OPERATING REVENUE	\$ 14,475,622	\$ 1,099,583	\$ 13,108,794	90.56%
	Transfer - Reserve Fund	\$ -	\$ -	\$ -	
02-480-48002	Grants	\$ 700,000	\$ 329,157	\$ 765,902	109.41%
02-480-48901	Contrib Cap-Capacity Fees	\$ -	\$ 59,329	\$ 676,284	N/A
02-480-48902	Contrib Cap-Sustainability	\$ -	\$ -	\$ 96,816	N/A
	TOTAL WATER REVENUE	\$ 15,175,622	\$ 1,488,069	\$ 14,647,796	96.52%

NOTE: Plan check & inspection fees to 02-42122

FY 2019-20 Sewer Revenue					
G/L ACCOUNT#	DESCRIPTION	BUDGET	May '20	Year to Date	%
03-400-40016	Sales-Establish Service Fee	\$ 500	\$ -	\$ 100	20.00%
03-400-41000	Sales-Sewer Charges	\$ 12,132,712	\$ 988,035	\$ 11,614,611	95.73%
03-400-41005	Sales-Disc (Multi Units)-SC	\$ (200,000)	\$ (18,298)	\$ (213,839)	106.92%
03-400-41110	Meter/Lateral Installation	\$ 15,000	\$ -	\$ 7,500	50.00%
03-400-41121	Penalty - Late Charges	\$ 125,000	\$ -	\$ 107,596	86.08%
03-400-41124	Bad Debt Write-Off & Recovery	\$ (15,000)	\$ -	\$ -	0.00%
03-400-41131	Front Footage Fees	\$ 55,000	\$ -	\$ 25,000	45.45%
03-421-42122	Revenue - Other, Operating	\$ 2,000	\$ -	\$ 13,196	659.80%
03-430-43010	Interest Eamed	\$ 100,000	\$ -	\$ 59,025	59.02%
03-431-43110	Property Tax - Unsecured	\$ -	\$ -	\$ -	-
03-431-43120	Property Tax - Secured	\$ -	\$ -	\$ -	-
03-431-43130	Tax Collection - Prior	\$ -	\$ -	\$ -	-
03-431-43140	Taxes - Other	\$ -	\$ -	\$ -	-
03-491-49150	Revenue - Misc Non-Operating	\$ 1,369,774	\$ -	\$ 500	0.04%
	SEWER OPERATING REVENUE	\$ 13,584,986	\$ 969,737	\$ 11,613,688	85.49%
03-480-48002	Grants	\$ -	\$ -	\$ -	-
03-480-48901	Contrib Cap-Capacity Fees	\$ -	\$ 172,375	\$ 1,806,285	-
03-480-48905	Contrib Cap-Infrastructure	\$ -	\$ 37,500	\$ 326,205	-
	TOTAL SEWER REVENUE	\$ 13,584,986	\$ 1,179,612	\$ 13,746,179	101.19%

FY 2019-20 Recycled Revenue					
G/L ACCOUNT#	DESCRIPTION	BUDGET	May '20	Year to Date	%
04-400-40010	Sales-Water & Non Potable	\$ 663,947	\$ 97,170	\$ 716,121	107.86%
04-400-40011	Sales-Construction Water	\$ 45,000	\$ -	\$ 45	0.10%
04-400-40017	Sales-Excess Drinking Water	\$ -	\$ 2,378	\$ 6,455	N/A
04-400-40018	Sales-Infrastructure	\$ -	\$ 9,475	\$ 25,047	N/A
04-400-41000	Sales-Service Demand Charges	\$ 90,000	\$ 12,375	\$ 117,434	130.48%
04-400-41003	Sales-Const Water Minimum Chg	\$ 1,000	\$ 98	\$ 888	88.79%
04-400-41110	Meter/Lateral Installation	\$ 70,000	\$ 11,775	\$ 94,940	135.63%
04-400-41121	Penalty - Late Charges	\$ 5,000	\$ -	\$ 3,604	72.08%
04-400-41122	Revenue - Other, Operating	\$ 500	\$ -	\$ 218	43.63%
04-430-43010	Interest Earned	\$ 25,000	\$ -	\$ 13,117	52.47%
04-431-43110	Property Tax - Unsecured	\$ -	\$ -	\$ -	N/A
04-431-43120	Property Tax - Secured	\$ 400,000	\$ -	\$ 400,000	100.00%
04-431-43130	Tax Collection - Prior	\$ -	\$ -	\$ -	N/A
04-431-43140	Taxes - Other	\$ -	\$ -	\$ -	N/A
04-491-49150	Revenue-Misc Non-Operating	\$ 1,000	\$ -	\$ 28	2.85%
	RECYCLED OPERATING REVENUE	\$ 1,301,447	\$ 133,271	\$ 1,377,898	105.87%
04-480-48002	Grants	\$ -	\$ -	\$ -	N/A
04-480-48901	Contrib Cap-Capacity Fees	\$ -	\$ 137,755	\$ 1,464,744	N/A
	TOTAL RECYCLED REVENUE	\$ 1,301,447	\$ 271,026	\$ 2,842,641	218.42%

FY 2019-20 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
02-501-50009	Labor - Overtime	\$ -	\$ 1,248	\$ 17,316	#DIV/0!
02-501-50010	Labor	\$ 1,027,703	\$ 111,451	\$ 581,709	56.60%
02-501-50011	Labor - Credit	\$ -	\$ -	\$ -	N/A
02-501-50013	Benefits-FICA	\$ 73,537	\$ 5,348	\$ 64,580	87.82%
02-501-50014	Benefits-Life Insurance	\$ 6,264	\$ 123	\$ 1,579	25.20%
02-501-50016	Benefits-Health & Def Comp	\$ 211,826	\$ 17,254	\$ 204,883	96.72%
02-501-50017	Benefits-Disability Insurance	\$ 11,004	\$ 973	\$ 12,658	115.03%
02-501-50019	Benefits-Workers Compensation	\$ 23,013	\$ 2,571	\$ 21,494	93.40%
02-501-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
02-501-50022	Benefits-PERS Employer	\$ 173,405	\$ 4,090	\$ 50,837	29.32%
02-501-50023	Benefits-Uniforms	\$ 6,525	\$ 200	\$ 3,899	59.75%
02-501-50024	Benefits-Vacation & Sick Pay	\$ 8,000	\$ (46,986)	\$ 5,158	64.47%
02-501-50025	Benefits-Boots	\$ 8,415	\$ -	\$ 2,700	32.09%
02-501-51003	R&M - Structures	\$ 300,000	\$ 72,004	\$ 486,475	162.16%
02-501-51011	R&M - Valves	\$ 20,000	\$ -	\$ 232	1.16%
02-501-51115	Laboratory Supplies	\$ -	\$ -	\$ -	N/A
02-501-51140	General Supplies & Expenses	\$ 3,000	\$ 144	\$ 8,171	272.37%
02-501-51210	Utilities - Power Purchases	\$ 1,300,000	\$ 76,664	\$ 1,029,642	79.20%
02-501-51211	Utilities - Electricity	\$ 5,000	\$ 243	\$ 3,195	63.90%
02-501-51316	Imported Water Purchases	\$ 1,075,000	\$ -	\$ 626,562	58.28%
02-501-54012	Education & Training	\$ -	\$ -	\$ 4,169	N/A
02-501-54019	Licenses & Permits	\$ 65,000	\$ -	\$ 56,777	87.35%
02-501-54025	Telephone & Internet	\$ -	\$ 284	\$ 2,840	N/A
02-501-54110	Laboratory Services	\$ 77,500	\$ -	\$ 35,783	46.17%
02-501-57040	YVRWFF-Crystal Creek Exp	\$ 567,431	\$ 21,104	\$ 487,420	85.90%
	WATER RESOURCE TOTALS	\$ 4,962,623	\$ 265,467	\$ 3,690,761	74.37%
02-503-50009	Labor - Overtime	\$ -	\$ 4,670	\$ 139,503	N/A
02-503-50010	Labor	\$ 1,593,344	\$ 221,520	\$ 1,480,738	92.93%
02-503-50011	Labor - Credit	\$ -	\$ -	\$ (2,423)	N/A
02-503-50013	Benefits-FICA	\$ 121,891	\$ 9,864	\$ 113,924	93.46%
02-503-50014	Benefits-Life Insurance	\$ 10,440	\$ 271	\$ 3,396	32.53%
02-503-50016	Benefits-Health & Def Comp	\$ 425,106	\$ 37,266	\$ 463,272	108.98%
02-503-50017	Benefits-Disability Insurance	\$ 14,340	\$ 1,762	\$ 19,754	137.75%
02-503-50019	Benefits-Workers Compensation	\$ 43,020	\$ 2,571	\$ 21,711	50.47%
02-503-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
02-503-50022	Benefits-PERS Employer	\$ 239,002	\$ 7,904	\$ 94,721	39.63%
02-503-50023	Benefits-Uniforms	\$ 10,875	\$ 478	\$ 10,942	100.62%
02-503-50024	Benefits-Vacation & Sick Pay	\$ 4,000	\$ (103,380)	\$ (1,273)	-31.84%
02-503-50025	Benefits-Boots	\$ 32,775	\$ -	\$ 9,000	27.46%
02-503-51001	R&M - Vehicles & Equipment	\$ 207,500	\$ 12,938	\$ 199,499	96.14%
02-503-51011	R&M - Valves	\$ 5,000	\$ -	\$ 1,645	32.90%
02-503-51020	R&M - Pipelines	\$ 200,000	\$ 12,101	\$ 230,054	115.03%

FY 2019-20 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
02-503-51021	R&M - Service Lines	\$ 96,000	\$ -	\$ 33,334	34.72%
02-503-51022	R&M - Fire Hydrants	\$ 50,000	\$ -	\$ 908	1.82%
02-503-51029	Repair & Maintenance-Backflow	\$ 65,000	\$ 71	\$ 35,786	55.06%
02-503-51030	R&M - Meters	\$ 30,000	\$ 398	\$ 6,309	21.03%
02-503-51031	R&M - Fire Flow Testing	\$ 25,000	\$ -	\$ 19,201	76.81%
02-503-51092	Equipment Credits	\$ -	\$ -	\$ (3,262)	N/A
02-503-51140	General Supplies & Expenses	\$ 3,000	\$ -	\$ 2,300	76.66%
02-503-54012	Education & Training	\$ -	\$ -	\$ 1,835	N/A
02-503-54025	Telephone & Internet	\$ -	\$ 364	\$ 3,808	N/A
	PUBLIC WORKS TOTALS	\$ 3,176,293	\$ 204,128	\$ 2,745,179	86.43%
02-506-50009	Labor - Overtime	\$ -	\$ 190	\$ 7,823	#DIV/0!
02-506-50010	Labor	\$ 616,295	\$ 72,215	\$ 566,395	91.90%
02-506-50011	Labor - Credit	\$ -	\$ -	\$ -	N/A
02-506-50012	Director Fees	\$ 26,000	\$ 2,684	\$ 23,395	89.98%
02-506-50013	Benefits-FICA	\$ 47,147	\$ 4,358	\$ 46,075	97.73%
02-506-50014	Benefits-Life Insurance	\$ 3,120	\$ 86	\$ 1,063	34.06%
02-506-50016	Benefits-Health & Def Comp	\$ 130,980	\$ 14,348	\$ 180,895	138.11%
02-506-50017	Benefits-Disability Insurance	\$ 5,547	\$ 696	\$ 8,411	151.63%
02-506-50019	Benefits-Workers Compensation	\$ 16,640	\$ 1,200	\$ 12,276	73.77%
02-506-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
02-506-50022	Benefits-PERS Employer	\$ 92,444	\$ 3,531	\$ 43,876	47.46%
02-506-50023	Benefits-Uniforms	\$ 3,250	\$ 120	\$ 2,947	90.69%
02-506-50024	Benefits-Vacation & Sick Pay	\$ 10,000	\$ (24,545)	\$ 8,121	81.21%
02-506-50025	Benefits-Boots	\$ 1,950	\$ -	\$ 3,300	169.23%
02-506-51003	R&M - Structures	\$ 35,000	\$ 5,585	\$ 35,715	102.04%
02-506-51091	Expense Credits (overhead)	\$ -	\$ -	\$ (1,153)	N/A
02-506-51120	Safety Equipment & Supplies	\$ 25,000	\$ 2,725	\$ 12,038	48.15%
02-506-51125	Petroleum Products	\$ 150,000	\$ 7,815	\$ 100,363	66.91%
02-506-51130	Office Supplies & Expenses	\$ 35,000	\$ 918	\$ 14,047	40.13%
02-506-51140	General Supplies & Expenses	\$ 40,000	\$ 2,196	\$ 24,456	61.14%
02-506-51199	Disaster Repairs & Incidences	\$ -	\$ -	\$ -	N/A
02-506-51211	Utilities - Electricity	\$ 32,000	\$ 2,381	\$ 27,190	84.97%
02-506-51213	Utilities - Natural Gas	\$ 2,000	\$ 56	\$ 2,010	100.51%
02-506-54002	Dues & Subscriptions	\$ 30,000	\$ 192	\$ 18,679	62.26%
02-506-54005	Computer Expenses	\$ 145,000	\$ 7,909	\$ 98,573	67.98%
02-506-54010	Postage	\$ 10,000	\$ 340	\$ 2,963	29.63%
02-506-54011	Printing & Publications	\$ -	\$ -	\$ 351	N/A
02-506-54012	Education & Training	\$ 20,000	\$ 75	\$ 5,730	28.65%
02-506-54013	Utility Billing Expenses	\$ 185,000	\$ 15,848	\$ 181,087	97.89%
02-506-54014	Public Relations	\$ 31,500	\$ -	\$ 20,700	65.71%
02-506-54016	Travel Related Expenses	\$ 7,500	\$ -	\$ 9,865	131.53%
02-506-54017	Certifications & Renewals	\$ 12,000	\$ 150	\$ 6,281	52.34%
02-506-54020	Meeting Related Expenses	\$ 8,000	\$ 22	\$ 6,950	86.87%
02-506-54022	Utilities - YVWD Services	\$ 145,000	\$ 7,016	\$ 63,251	43.62%

FY 2019-20 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
02-506-54024	Waste Disposal	\$ 2,700	\$ 428	\$ 4,275	158.34%
02-506-54025	Telephone & Internet	\$ 45,000	\$ 2,904	\$ 45,336	100.75%
02-506-54099	Conservation & Rebates	\$ 30,000	\$ -	\$ 750	2.50%
02-506-54104	Contractual Services	\$ 270,000	\$ 10,586	\$ 225,880	83.66%
02-506-54107	Legal	\$ 120,000	\$ -	\$ 102,554	85.46%
02-506-54108	Audit & Accounting	\$ 15,000	\$ -	\$ 11,565	77.10%
02-506-54109	Professional Fees	\$ 217,691	\$ -	\$ 179,728	82.56%
02-506-55500	Depreciation	\$ 1,272,330	\$ 106,028	\$ 1,166,303	91.67%
02-506-56001	Insurance	\$ 100,000	\$ 11,937	\$ 121,088	121.09%
02-506-57030	Regulatory Compliance	\$ 35,000	\$ 20	\$ 25,368	72.48%
02-506-57090	Election Related Expenses	\$ -	\$ -	\$ -	N/A
02-506-57095	Yucaipa SGMA	\$ 10,000	\$ -	\$ 5,622	56.22%
02-506-57096	Beaumont Basin Watermaster	\$ 40,000	\$ -	\$ 23,498	58.75%
02-506-57097	San Timoteo SGMA	\$ 5,000	\$ -	\$ 7,100	-
02-506-57098	Bunker Hill GSC	\$ 15,000	\$ -	\$ 11,847	-
02-506-57199	Suspense	\$ -	\$ -	\$ -	
	ADMINISTRATION TOTALS	\$ 4,044,094	\$ 259,824	\$ 3,456,765	85.48%
02-540-57201	Series 2015A Principal	\$ 1,170,000	\$ -	\$ 1,170,000	100.00%
02-540-57402	Interest - Bond Repayment	\$ 1,122,612	\$ -	\$ 1,121,361	99.89%
	40 - Debt	\$ 2,292,612	\$ -	\$ 2,291,361	99.95%
02-540-57001	Asset Acq. - Water Dept	\$ -	\$ -	\$ -	--
02-540-57003	Asset Acq. - US Dept	\$ -	\$ -	\$ -	--
02-540-57006	Asset Acq. - Admin Dept	\$ -	\$ -	\$ -	--
	40 - Capital Outlay	\$ -	\$ -	\$ -	--
	TOTAL WATER EXPENSES	\$ 14,475,622	\$ 729,420	\$ -	0.00%

FY 2019-20 Sewer Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
03-502-50009	Labor - Overtime	\$ -	\$ 1,413	\$ 72,347	N/A
03-502-50010	Labor	\$ 1,059,129	\$ 148,396	\$ 1,130,526	106.74%
03-502-50013	Benefits-FICA	\$ 81,023	\$ 8,071	\$ 94,842	117.06%
03-502-50014	Benefits-Life Insurance	\$ 5,592	\$ 174	\$ 2,151	38.47%
03-502-50016	Benefits-Health & Def Comp	\$ 224,598	\$ 25,309	\$ 294,591	131.16%
03-502-50017	Benefits-Disability Insurance	\$ 9,535	\$ 1,447	\$ 16,820	176.40%
03-502-50019	Benefits-Workers Compensatn	\$ 28,596	\$ 2,571	\$ 21,494	75.16%
03-502-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
03-502-50022	Benefits-PERS Employer	\$ 158,869	\$ 6,090	\$ 73,484	46.25%
03-502-50023	Benefits-Uniforms	\$ 5,825	\$ 234	\$ 4,785	82.14%
03-502-50024	Benefits-Vacation & Sick Pay	\$ 9,000	\$ (51,364)	\$ 6,531	72.57%
03-502-50025	Benefits-Boots	\$ 7,995	\$ -	\$ 3,640	45.53%
03-502-51003	R&M - Structures	\$ 350,000	\$ 19,262	\$ 163,919	46.83%
03-502-51010	R&M - Automation Control	\$ 65,000	\$ -	\$ 52,941	81.45%
03-502-51106	Chemicals	\$ 600,000	\$ 66,460	\$ 613,363	102.23%
03-502-51111	Propane	\$ 500	\$ -	\$ 65	12.93%
03-502-51115	Laboratory Supplies	\$ 30,000	\$ (741)	\$ 35,761	119.20%
03-502-51140	General Supplies & Expenses	\$ 5,000	\$ 364	\$ 9,448	188.96%
03-502-51210	Utilities - Power Purchases	\$ 850,000	\$ 79,004	\$ 856,541	100.77%
03-502-54012	Education & Training	\$ -	\$ -	\$ 2,809	N/A
03-502-54025	Telephone & Internet	\$ -	\$ 436	\$ 4,360	N/A
03-502-54110	Laboratory Services	\$ 85,000	\$ (3,929)	\$ 83,168	97.84%
03-502-57031	Sewage Waste Disposal-Solids	\$ 226,000	\$ -	\$ 181,124	80.14%
03-502-57034	Brineline Operating Expenses	\$ 396,500	\$ 212	\$ 237,034	59.78%
TREATMENT TOTALS		\$ 4,198,162	\$ 303,408	\$ 3,961,743	94.37%
03-506-50009	Labor - Overtime	\$ -	\$ 190	\$ 7,823	N/A
03-506-50010	Labor	\$ 616,295	\$ 68,733	\$ 497,173	80.67%
03-506-50011	Labor - Credit	\$ -	\$ 235	\$ 509	N/A
03-506-50012	Director Fees	\$ 26,000	\$ 2,684	\$ 23,395	89.98%
03-506-50013	Benefits-FICA	\$ 47,147	\$ 3,675	\$ 38,889	82.49%
03-506-50014	Benefits-Life Insurance	\$ 3,120	\$ 75	\$ 941	30.16%
03-506-50016	Benefits-Health & Def Comp	\$ 122,640	\$ 12,677	\$ 161,145	131.40%
03-506-50017	Benefits Disability Insurane	\$ 5,547	\$ 576	\$ 6,591	118.83%
03-506-50019	Benefits-Workers Compensation	\$ 16,640	\$ 1,200	\$ 12,276	73.77%
03-506-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
03-506-50022	Benefits-PERS Employer	\$ 92,444	\$ 3,138	\$ 38,613	41.77%
03-506-50023	Benefits-Uniforms	\$ 3,250	\$ -	\$ 204	6.29%
03-506-50024	Benefits-Vacation & Sick Pay	\$ 5,000	\$ (28,611)	\$ 3,121	62.42%
03-506-50025	Benefits-Boots	\$ 1,950	\$ -	\$ 300	15.38%
03-506-50055	Pension Expense-GASB 68	\$ -	\$ -	\$ -	N/A
03-506-51120	Safety Equipment & Supplies	\$ 9,500	\$ 3,224	\$ 8,749	92.09%
03-506-51125	Petroleum Products	\$ 24,000	\$ 2,000	\$ 25,232	105.13%
03-506-51130	Office Supplies & Expenses	\$ 7,000	\$ -	\$ 6,875	98.21%
03-506-51140	General Supplies & Expenses	\$ 30,000	\$ 987	\$ 12,484	41.61%
03-506-51199	Disaster Repairs & Incidences	\$ -	\$ (336,619)	\$ (349,712)	N/A

FY 2019-20 Sewer Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
03-506-54002	Dues & Subscriptions	\$ 30,000	\$ -	\$ 30,759	102.53%
03-506-54003	Management & Admin Services	\$ 210,000	\$ 17,500	\$ 192,500	91.67%
03-506-54005	Computer Expenses	\$ 120,000	\$ 5,704	\$ 69,106	57.59%
03-506-54011	Printing & Publications	\$ -	\$ -	\$ -	N/A
03-506-54012	Education & Training	\$ 20,000	\$ 75	\$ 10,845	54.22%
03-506-54014	Public Relations	\$ 25,000	\$ -	\$ 7,861	31.45%
03-506-54016	Travel Related Expenses	\$ 10,000	\$ -	\$ 9,555	95.55%
03-506-54017	Certifications & Renewals	\$ 10,000	\$ 125	\$ 4,233	42.33%
03-506-54019	Licenses & Permits	\$ 70,000	\$ -	\$ 77,172	110.25%
03-506-54020	Meeting Related Expenses	\$ 5,000	\$ 22	\$ 5,799	115.99%
03-506-54022	Utilities - YVWD Services	\$ 265,000	\$ 47,006	\$ 311,875	117.69%
03-506-54024	Waste Disposal	\$ 14,000	\$ 1,283	\$ 25,944	185.32%
03-506-54025	Telephone & Internet	\$ 50,000	\$ 3,943	\$ 52,677	105.35%
03-506-54030	Drinking Water	\$ -	\$ -	\$ -	N/A
03-506-54104	Contractual Services	\$ 46,000	\$ 5,695	\$ 128,395	279.12%
03-506-54107	Legal	\$ 30,000	\$ -	\$ 9,946	33.15%
03-506-54108	Audit & Accounting	\$ 15,000	\$ -	\$ 11,565	77.10%
03-506-54109	Professional Fees	\$ 1,567,274	\$ -	\$ 614,333	39.20%
03-506-55500	Depreciation	\$ 472,982	\$ 39,415	\$ 433,567	91.67%
03-506-56001	Insurance	\$ 130,000	\$ 56,797	\$ 186,833	143.72%
03-506-57030	Regulatory Compliance	\$ 70,000	\$ -	\$ 56,986	81.41%
	ADMINISTRATION TOTALS	\$ 4,170,789	\$ (88,269)	\$ 2,734,559	65.56%
03-507-50009	Labor - Overtime	\$ -	\$ 1,496	\$ 18,730	N/A
03-507-50010	Labor	\$ 625,069	\$ 50,690	\$ 493,028	78.88%
03-507-50011	Labor - Credit	\$ -	\$ -	\$ -	0.00%
03-507-50013	Benefits-FICA	\$ 47,818	\$ 3,784	\$ 43,978	91.97%
03-507-50014	Benefits-Life Insurance	\$ 3,864	\$ 102	\$ 1,262	32.65%
03-507-50016	Benefits-Health & Def Comp	\$ 151,662	\$ 14,037	\$ 170,333	112.31%
03-507-50017	Benefits-Disability Insurance	\$ 5,626	\$ 674	\$ 7,727	137.35%
03-507-50019	Benefits-Workers Compensatio	\$ 16,877	\$ 2,571	\$ 21,494	127.36%
03-507-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
03-507-50022	Benefit-PERS Employer	\$ 93,760	\$ 3,225	\$ 38,192	40.73%
03-507-50023	Benefits-Uniforms	\$ 4,025	\$ 150	\$ 2,951	73.33%
03-507-50024	Benefits-Vacation & Sick Pay	\$ 40,000	\$ (5,062)	\$ 40,000	100.00%
03-507-50025	Benefits-Boots	\$ 2,415	\$ -	\$ 600	24.84%
03-507-51003	Sewer Pipeline & Facilities	\$ 250,000	\$ 10,707	\$ 173,853	69.54%
03-507-51140	General Supplies & Expenses	\$ 500	\$ -	\$ 1,082	216.34%
03-507-51241	Lift Station #1	\$ 52,500	\$ 4,019	\$ 46,577	88.72%
03-507-51242	Lift Station #2	\$ 18,000	\$ 1,698	\$ 16,172	89.85%
03-507-51243	Lift Station #3	\$ 3,200	\$ 159	\$ 4,936	154.24%
03-507-51244	Lift Station #4	\$ 9,500	\$ 831	\$ 18,913	199.08%
03-507-51246	Lift Station #6	\$ 5,000	\$ 529	\$ 4,589	91.79%

FY 2019-20 Sewer Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
03-507-51248	Lift Station #8	\$ 2,500	\$ 61	\$ 1,408	56.31%
03-507-54012	Education & Training	\$ -	\$ -	\$ 250	N/A
03-507-54025	Telephone & Internet	\$ -	\$ 144	\$ 1,488	N/A
03-507-54111	Pretreatment	\$ 50,000	\$ -	\$ 41,443	82.89%
	ENVIRONMENTAL CONTROL TOTAL	\$ 1,382,316	\$ 89,814	\$ 1,149,006	83.12%
03-540-57202	SRF Principal - WWTP	\$ 2,306,368	\$ -	\$ 2,306,368	100.00%
03-540-57203	SRF Principal - Brineline	\$ 447,138	\$ -	\$ 447,138	100.00%
03-540-57204	SRF Principal - Wise	\$ 136,599	\$ -	\$ 136,599	100.00%
03-540-57205	SRF Principal - R 10.3	\$ 40,023	\$ -	\$ 40,023	100.00%
03-540-57206	SRF Principal - Crow St	\$ 15,667	\$ -	\$ 15,649	99.89%
03-540-57403	Interest - Long Term Debt	\$ 887,924	\$ -	\$ 887,917	100.00%
	40 - Debt	\$ 3,833,719	\$ -	\$ 3,833,694	100.00%
03-540-57002	Asset Acq. - Treatment Dept	\$ -	\$ -	\$ -	
03-540-57006	Asset Acq. - Admin Dept	\$ -	\$ -	\$ -	
03-540-57007	Asset Acq. - EC Dept	\$ -	\$ -	\$ -	
	40 - Capital Outlay	\$ -	\$ -	\$ -	
	TOTAL SEWER EXPENSES	\$ 13,584,986	\$ 304,954	\$ 11,679,002	85.97%

FY 2019-20 Recycled Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	May '20	Year to Date	%
04-506-50009	Labor - Overtime	\$ -	\$ 824	\$ 6,215	N/A
04-506-50010	Labor	\$ 705,207	\$ 81,430	\$ 522,242	74.06%
04-506-50011	Labor - Credit	\$ -	\$ -	\$ -	N/A
04-506-50012	Director Fees	\$ 5,000	\$ -	\$ -	0.00%
04-506-50013	Benefits-FICA	\$ 53,948	\$ 3,221	\$ 40,776	75.58%
04-506-50014	Benefits-Life Insurance	\$ 3,600	\$ 87	\$ 1,077	29.93%
04-506-50016	Benefits-Health & Def Comp	\$ 143,004	\$ 12,561	\$ 155,480	108.72%
04-506-50017	Benefits-Disability Insurance	\$ 6,347	\$ 592	\$ 7,331	115.50%
04-506-50019	Benefits-Workers Compensation	\$ 19,041	\$ 1,200	\$ 12,383	65.03%
04-506-50021	Benefits-PERS Employee	\$ -	\$ -	\$ -	N/A
04-506-50022	Benefits-PERS Employer	\$ 105,781	\$ 2,948	\$ 41,013	38.77%
04-506-50023	Benfits-Uniforms	\$ 3,750	\$ 50	\$ 1,643	43.81%
04-506-50024	Benefits-Vacation & Sick Pay	\$ -	\$ (42,234)	\$ (3,131)	N/A
04-506-50025	Benefits-Boots	\$ 4,750	\$ -	\$ 1,200	25.26%
04-506-51003	R&M - Structures	\$ 26,519	\$ -	\$ 23,093	87.08%
04-506-51011	R&M - Valves	\$ 500	\$ -	\$ -	0.00%
04-506-51020	R&M - Pipelines	\$ 500	\$ 86	\$ 1,411	282.12%
04-506-51021	R&M - Service Lines	\$ 4,000	\$ -	\$ -	0.00%
04-506-51022	R&M - Fire Hydrants	\$ 4,000	\$ -	\$ -	0.00%
04-506-51030	R&M - Meters	\$ 1,500	\$ -	\$ -	0.00%
04-506-51140	General Supplies & Expenses	\$ 7,000	\$ -	\$ 5,292	75.60%
04-506-51210	Utilities - Power Purchases	\$ 84,500	\$ 7,142	\$ 64,361	76.17%
04-506-54002	Dues & Subscriptions	\$ 3,000	\$ -	\$ 3,450	115.00%
04-506-54005	Computer Expenses	\$ 11,000	\$ -	\$ 10,875	98.87%
04-506-54011	Printing & Publications	\$ -	\$ -	\$ -	N/A
04-506-54012	Education & Training	\$ 3,500	\$ -	\$ 741	21.17%
04-506-54014	Public Relations	\$ 4,200	\$ -	\$ 3,249	77.36%
04-506-54016	Travel Related Expenses	\$ 1,000	\$ -	\$ 646	64.59%
04-506-54017	Certifications & Renewals	\$ 500	\$ -	\$ -	0.00%
04-506-54019	Licenses & Permits	\$ 7,500	\$ -	\$ 11,898	158.64%
04-506-54020	Meeting Related Expenses	\$ 1,400	\$ -	\$ 868	62.03%
04-506-54022	Utilities - YVWD Services	\$ 12,500	\$ 622	\$ 4,832	38.66%
04-506-54025	Telephone & Internet	\$ 1,400	\$ 80	\$ 1,447	103.39%
04-506-54104	Contractual Services	\$ 10,000	\$ 581	\$ 11,807	118.07%
04-506-54107	Legal	\$ 500	\$ -	\$ -	0.00%
04-506-54108	Audit & Accounting	\$ 4,000	\$ -	\$ 2,570	64.25%
04-506-54109	Professional Fees	\$ 30,000	\$ -	\$ 12,595	41.98%
04-506-54110	Laboratory Services	\$ -	\$ -	\$ -	N/A
04-506-55500	Depreciation	\$ -	\$ -	\$ -	N/A
04-506-56001	Insurance	\$ 25,000	\$ 2,785	\$ 25,045	100.18%
04-506-57030	Regulatory Compliance	\$ 6,500	\$ -	\$ 7,645	117.61%
04-506-57040	Environmental Compliance	\$ 500	\$ -	\$ -	0.00%
	TOTAL RECYCLED EXPENSES	\$ 1,301,447	\$ 71,975	\$ 978,055	75.15%



Date: June 16, 2020

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Receipt and Acknowledgement of the Audit Planning Letter for Fiscal Year 2019-20 with Davis Farr

Recommendation: That the Board receive the annual planning letter from Davis Farr.

The certified public accounting firm of Davis Farr is currently performing the fiscal year audit for the period ending June 30, 2020. Correspondence dated June 8, 2020 from Davis Farr is attached regarding the audit planning letter. The correspondence outlines the scope, timing, and information about communicating directly with the auditors of any known matter(s) that have a material bearing on the financial statements.

Jennifer Farr, Partner with Davis Farr will be in attendance for the board meeting on June 16, 2020 to discuss the audit preparation steps and offer an open line of communication with the elected officials and the public.

For additional information, the District staff attached AU Section 380¹ from the American Institute of CPAs to provide background information and guidance about the purpose of the attached correspondence from Davis Farr.

¹ <https://www.aicpa.org/Research/Standards/AuditAttest/DownloadableDocuments/AU-00380.pdf>



Davis Farr LLP
2301 Dupont Drive | Suite 200 | Irvine, CA 92612
Main: 949.474.2020 | Fax: 949.263.5520

June 8, 2020

Board of Directors
Yucaipa Valley Water District
Yucaipa, California

We are in the process of performing the audit of the Yucaipa Valley Water District for the year ending June 30, 2020. Professional Auditing standards recommend that, as a part of our audit, we inquire with those whose duties include oversight of the financial reporting process (review and acceptance of audit reports, etc.) to ascertain whether or not anyone on the Board has knowledge of matters that might have a bearing on the auditor's risk assessment for the District's annual audit.

Example of these matters are:

- Known or suspected instances of employee fraud
- Areas in which the internal controls of the District are thought by the Board to be weak
- Known or suspected misstatements in the accounting records of the District
- Known or suspected use of improper accounting practices by the District
- Any awareness of pressure upon the District or District's management with respect to achieving certain financial results
- Matters that warrant particular attention during the audit
- Information about unusual transactions or other matters relevant to the audit

Generally, the scope of the audit is limited to matters involving amounts that would be significant to the financial statements of the District taken as a whole. If additional time is required to respond to the concerns of the Board, we will estimate for the District the costs involved.

Please respond within 45 days from the date of this letter if the Board has any matters to report that meet the above criteria.

Statement on Auditing Standards No. 114 requires the auditors to communicate the planned scope and timing of the audit. Additionally, at the conclusion of the audit, we plan to communicate the auditor's responsibilities under generally accepted auditing standards and significant findings from the audit.

Timing of Audit

We began our planning procedures in June 2020 and are scheduled to begin the final audit examination of the District on September 21, 2020. We plan to have the audit complete and finalize the audited financial statements in October 2020 will present the results of the audit to you at that time.

Planned Scope of Audit

In addition to our standard audit approach, we have identified significant audit risk areas for the District and plan to modify our audit approach as follows:

- Additional audit procedures performed in the first year of an audit:
 - Information Systems: We will utilize a certified information systems auditor to review your information systems for purposes of evaluating risks and internal controls to protect the District's data.
 - Utility Billing: We will select a sample of 40 utility bills and perform a recalculation of the amount due based on usage and Board approved rates. This test will determine if the billing system is calculating utility bills accurately.
 - Depreciation Expense: We will utilize our data mining software to perform a complete recalculation of accumulate depreciation and depreciation expense by capital asset. This test will allow us to determine if the system is calculating depreciation accurately.
- Risk of errors associated with recording capital asset additions: As a result of the significance of capital projects, we plan to test the most significant capital projects to ensure asset additions are properly recorded and removed from construction in progress when completed.
- Risk of unrecorded water in storage: We will evaluate the District's storage rights and water rights to determine if there is any unrecorded water in storage that is material to the financial statements.

If any member of the Board has information relevant to our audit (matters involving amounts that would be significant to the financial statements of the District taken as a whole), please contact the undersigned at (949) 783-1740 or JFarr@davisfarr.com.

Very truly yours,



Jennifer Farr
Davis Farr LLP



Date: June 16, 2020

Prepared By: Kathryn Hallberg, Implementation Manager

Subject: Renewal of General Insurance Coverage for Fiscal Year 2021

Recommendation: That the Board authorize the General Manager to execute the necessary documents for property/liability insurance policy coverage from Allied World Assurance Coverage for the amount of \$237,372.

Yucaipa Valley Water District reached out to Alliant Insurance Services for a quote for the District's General Insurance coverage for fiscal year 2021. Alliant went to the market and received a quote from our current insurance carrier Allied World Assurance Coverage.

Alliant Insurance Service provides the District's Environmental Liability Insurance policy and the Cyber Security Insurance policy. The District reached out to them provide this fiscal year's property/liability insurance proposal due to the positive interactions the District has had with them with the other policies.

The proposed property and liability insurance would include coverage for:

- Property
- Commercial Crime
- Commercial General Liability
- Public Officials and Management Liability,
- Business Auto
- Commercial Excess Liability
- Terrorism Risk Insurance Act Premium

District staff recommends accepting Alliant Insurance Services proposal for fiscal year 2021 in the amount not to exceed \$237,372.

Financial Consideration

This expense is included in the fiscal year 2020-21 adopted budget and will be split between the Water and Sewer Fund, Insurance [GL Account xx-506-56001].



Yucaipa Valley Water District

2020 – 2021

Package Insurance Proposal

Presented on June 10, 2020 by:

Seth Cole, ARM
Senior Vice President

Alliant Insurance Services, Inc.
100 Pine Street, 11th Floor
San Francisco, CA 94111
O 415 403 1400
F 415 874 4813

CA License No. 0C36861

www.alliant.com



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Company Profile

With a history dating back to 1925, Alliant Insurance Services is one of the nation's leading distributors of diversified insurance products and services. Operating through a national network of offices, Alliant offers a comprehensive portfolio of services to clients, including:

- Risk Solutions
- Employee Benefits
 - Strategy
 - Employee Engagement
 - Procurement
 - Analytics
 - Wellness
 - Compliance
 - Benefits Administration
 - Global Workforce
- Industry Solutions
 - Construction
 - Energy and Marine
 - Healthcare
 - Law Firms
 - Public Entity
 - Real Estate
 - Tribal Nations
 - And many other industries
- Co-Brokered Solutions
 - Automotive Specialty
 - Energy Alliance Program
 - Hospital All Risk Property Program
 - Law Firms
 - Parking/Valet
 - Public Entity Property Insurance Program
 - Restaurants/Lodging
 - Tribal Nations
 - Waste Haulers/Recycling
- Business Services
 - Risk Control Consulting
 - Human Resources Consulting
 - Property Valuation

The knowledge that Alliant has gained in its more than eight decades of working with many of the top insurance companies in the world allows us to provide our clients with the guidance and high-quality performance they deserve. Our solution-focused commitment to meeting the unique needs of our clients assures the delivery of the most innovative insurance products, services, and thinking in the industry.

Alliant ranks among the 15 largest insurance brokerage firms in the United States.



Alliant Advantage

	Alliant	Competition
1. Satisfying the insurance needs of business for nearly 90 years	✓	
2. Privately owned and operated.	✓	
3. A full-service insurance agency for all your business, life and health, and personal insurance.	✓	
4. Representing over 40 insurance companies to provide the best and most affordable coverage.	✓	
5. State-licensed support staff.	✓	
6. Dedicated Certificate of Insurance personnel.	✓	
7. Risk management services to help identify hazards and present options.	✓	
8. Workers' compensation insurance claims management at no additional charge.	✓	



Your Service Team

Seth Cole, ARM
Senior Vice President
scole@alliant.com

Phone: 415 403 1419

Thary Ou, CLIC
Assistant Account Manager
tou@alliant.com

Phone: 415 403 1433



Named Insured / Additional Named Insureds

Named Insured(s)

Yucaipa Valley Water District

Additional Named Insured(s)

None

NAMED INSURED DISCLOSURE

- The first named insured is granted certain rights and responsibilities that do not apply to other policy named insureds and is designated to act on behalf of all insureds for making policy changes, receiving correspondence, distributing claim proceeds, and making premium payments.
- **Are ALL entities listed as named insureds?** Coverage is **not** automatically afforded to all entities unless specifically named. Confirm with your producer and service team that all entities to be protected are on the correct policy. Not all entities may be listed on all policies based on coverage line.
- Additional named insured is (1) A person or organization, other than the first named insured, identified as an insured in the policy declarations or an addendum to the policy declarations. (2) A person or organization added to a policy after the policy is written with the status of named insured. This entity would have the same rights and responsibilities as an entity named as an insured in the policy declarations (other than those rights and responsibilities reserved to the first named insured).
- Applies to Professional Liability, Pollution Liability, Directors & Officers Liability, Employment Practices Liability, Fiduciary Liability policies (this list not all inclusive). Check your Policy language for applicability. These policies provide protection to the Named Insured for claims made against it alleging a covered wrongful act. Coverage is not afforded to any other entities (unless specifically added by endorsement or if qualified as a "Subsidiary" pursuant to the policy wording) affiliated by common individual insured ownership or to which indemnification is otherwise contractually owed. If coverage is desired for affiliated entities or for contractual indemnities owed, please contact your Alliant Service Team with a full list of entities for which coverage is requested. With each request, include complete financials and ownership information for submission to the carrier. It should be noted, that the underwriter's acceptance of any proposed amendments to the policy, including expansion of the scope of "Insureds" under the policy could result in a potential diminution of the applicable limits of liability and/or an additional premium charge.



Schedule of Locations

Loc #	Bldg #	Address	City	State	Zip
As per schedule on file.					



Line of Coverage

Commercial Package Coverage

INSURANCE COMPANY:	Allied World Assurance Company
A.M. BEST RATING:	A (Excellent), Financial Size Category: XV (\$2 Billion or greater) as of February 28, 2020
STANDARD & POOR'S RATING:	A- (Strong) as of May 29, 2020
CALIFORNIA STATUS:	Admitted
POLICY/COVERAGE TERM:	July 1, 2020 to July 1, 2021
Coverage Form:	<ul style="list-style-type: none"> • Special Causes of Loss • Proprietary • Integrated

Property

Total Insured Value:	\$ 99,902,731
Coinurance:	Not Applicable
Limits:	
Blanket Property (Real Property & Business Personal Property)	\$ 99,902,731
Blanket Coverage Extension:	\$ 2,000,000
A separate blanket limit that applies to the following coverages: Business Income, Extended Business Income, Commandeered Property, Civil Authority, Extra Expense, Tenant Leasehold Interest, Electronic Data, Preservation of Property	
Equipment Breakdown / Boiler & Machinery	Included
Mobile Equipment (Scheduled)	\$ 1,555,347
Mobile Equipment (unscheduled, maximum \$10,000 any one item)	\$ 15,000
Mobile Equipment (borrowed, rented & leased)	N/A
Earthquake (earth movement excluded)	N/A
Flood Zone AE	N/A
Flood Zone X (unshaded)	N/A



Commercial Package Coverage - Continued

Sub-Limits:

Accounts Receivable	\$ 500,000
Valuable Papers and Records	\$ 500,000
Contamination	\$ 100,000
Tools and Equipment Owned by Your Employees	\$ 5,000
Personal Effects and Property of Others	\$ 5,000
Outdoor Property (unscheduled)	\$ 25,000
New Locations or Newly Constructed Property	\$ 1,000,000
Business Personal Property at New Locations	\$ 1,000,000
Utility Services - Direct Damage	\$ 250,000
Utility Services – Business Income and Extra Expense	\$ 250,000
Dependent Business Premises	\$ 250,000
Property at Other Locations	\$ 250,000
Pollution Remediation Expense (specified cause of loss)	\$ 250,000
Pollution Remediation Expense (covered cause of loss)	\$ 100,000
Contract Penalties	\$ 100,000
SCADA Upgrades	\$ 100,000
Property in Transit	\$ 100,000
Backup/Overflow of Water from Sewer, Drain, Sump	\$ 100,000
Fine Arts	\$ 25,000
Limited Coverage for "Fungus", Wet Rot or Dry Rot	\$ 25,000
Trees, Shrubs & Plants (maximum \$1,000 any one item)	\$ 25,000
Indoor and Outdoor Signs (unscheduled)	\$ 25,000
Arson Reward	\$ 10,000
Fire Department Service Charge	\$ 5,000
Non-Owned Detached Trailers	\$ 5,000
Cost of Inventory or Adjustment	\$ 5,000
Patterns, Dies, Molds, Forms	\$ 2,500
Fire Protection Devices	\$ 2,500
Debris Removal	25% of scheduled limit
Ordinance or Law Provision	25% of scheduled limit
Unintentional Errors:	\$ 100,000



Commercial Package Coverage - Continued

Deductibles:

Property	\$ 2,500
Mobile Equipment	\$ 1,000
Equipment Breakdown (aboveground & less than 50 feet belowground)	\$ 10,000
Equipment Breakdown (greater than 50 feet belowground)	\$ 10,000
Earthquake (earth movement excluded)	N/A
Flood Zone X (per occurrence)	N/A
Flood Zone AE	N/A
Flood Zone AE ¹ (per damaged structure / per occurrence)	N/A
¹ the greater of the deductibles will be applied	
Wind/Hail ² (per occurrence)	N/A
Wind/Hail ² (per damaged structure / per occurrence)	N/A
² the greater of the deductibles will be applied	

Policy Highlights:

- Blanket Policy Limits
- Blanket Coverage Extension Limits
- No Coinsurance Penalty
- Equipment Breakdown
- Broad Definition of Covered Property
- Proprietary Coverage Extensions

Valuation:

- Replacement Cost: Real Property & Business Personal Property
- Actual Cash Value: Mobile Equipment
- Actual Loss Sustained: Loss of Income & Expenses
- Market Price: Fine Arts

Commercial Crime**Coverage Form:**

- Proprietary
- Integrated

Rating Basis:

- On file with underwriter
- Non auditable



Commercial Package Coverage - Continued

Limits:

Employee Theft	\$ 250,000
Forgery Or Alteration	\$ 250,000
Inside The Premises - Theft Of Money And Securities	\$ 250,000
Inside The Premises - Robbery Or Safe Burglary Or Other Property	\$ 5,000
Outside The Premises	\$ 250,000
Computer Fraud	\$ 100,000
Funds Transfer Fraud	\$ 100,000
Money Orders & Counterfeit Paper Currency	\$ 100,000

Deductible:

\$ 1,000 each claim

Policy Highlights:

- Separate Limits Apply to Each Coverage
- Coverage Extended to Directors and Authorized Volunteers
- Faithful Performance

Commercial General Liability**Coverage Form:**

- Occurrence
- Proprietary

Rating Basis:

- On file with underwriter
- Non auditable

Limits:

Per Occurrence	\$ 1,000,000
General Aggregate	\$ 3,000,000
Products & Completed Operations Aggregate	\$ 3,000,000
Personal & Advertising Injury Limit	\$ 1,000,000
Damage to Premises Rented to You	\$ 1,000,000
Medical Payments	\$ 10,000

Deductible:

Not Applicable

Defense Inside/Outside the Limit:

Per Policy

Who has the Duty to Defend:

Insurer

Date Issued: 6/10/20

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Commercial Package Coverage - Continued

Policy Highlights:

- Duty to Defend
- Broad Definition of Insured
- Fellow Employee
- Per Location Aggregate
- Blanket Additional Insured Endorsement

Special Coverages:

- Water & Wastewater Testing Errors & Omissions
- Failure To Supply
- Waterborne Asbestos
- Pollution

Public Officials & Management Liability**Coverage Form:**

Occurrence

Limits:

Wrongful Acts	\$ 1,000,000	per act
Employment Practices (including third party discrimination)	\$ 1,000,000	per offense
Employee Benefit Plans	\$ 1,000,000	per offense
Injunctive Relief	\$ 5,000	per act
	\$ 3,000,000	aggregate limit

Deductible:

Employment Practices Liability	\$ 2,500	each claim including expenses
	\$ 2,500	each claim including expenses

Defense Inside/Outside the Limit:

Outside the Limit

Who has the Duty to Defend:

Insurer

Policy Highlights:

- Duty To Defend
- Broad Definition of Named Insured including Past and Future Employees
- Outside Directorship
- Punitive Damages are Covered Where Insurable by Law
- No Intentional Acts, Assault & Battery or Bodily Injury Exclusions



Commercial Package Coverage - Continued

Business Auto

Coverage Form:	ISO Business Auto
Limits:	
Combined Single Limit for Bodily Injury & Property Damage (each accident) – Symbol 1	\$ 1,000,000
Hired Auto Liability - Symbol 8	\$ 1,000,000
Non-Owned Auto Liability - Symbol 9	\$ 1,000,000
"No-Fault" or Statutory Personal Injury Protection (each person)	N/A
Medical Payments - Symbol 2	\$ 5,000
Uninsured / Underinsured Motorists - Symbol 2	\$ 1,000,000
Hired Physical Damage - Symbol 8	\$ 50,000
Owned Physical Damage – Comprehensive - Symbol 2	ACV
Owned Physical Damage – Collision - Symbol 2	ACV
Deductible:	
Liability	Not Applicable
Comprehensive	\$ 500
Collision	\$ 500

Commercial Excess Liability

Coverage Form:	<ul style="list-style-type: none"> Proprietary Following Form
Limits:	\$10,000,000 / \$10,000,000
Rating Basis:	<ul style="list-style-type: none"> On file with underwriter Non auditable
Defense Inside/Outside the Limit:	Per Policy
Who has the Duty to Defend:	Per Policy



Commercial Package Coverage - Continued

Scheduled Underlying Policies:

- Commercial General Liability - Yes
- Hired and Non-Owned Auto Liability - Yes
- Public Officials & Management Liability - Yes
- Wrongful Acts - Yes
- Employment Practices - Yes
- Employee Benefit Plans - Yes
- Owned Auto Liability - Yes
- Employer's Liability (minimum underlying limit requirement of \$500,000 / \$500,000 / \$500,000) - No

Notable Exclusion:

Workers' Compensation

Endorsements:

(Including but not limited to)

- Waiver Of Transfer Of Rights Of Recovery Against Others To Us (Waiver Of Subrogation)
- Designated Insured For Covered Autos Liability Coverage
- Waiver Of Transfer Of Rights Of Recovery Against Others To Us (Waiver Of Subrogation)
- Designated Insured For Covered Autos Liability Coverage
- Additional Insured – Designated Person Or Organization
- Waiver Of Transfer Of Rights Of Recovery Against Others To Us
- Additional Insured – Designated Person Or Organization
- Waiver Of Transfer Of Rights Of Recovery Against Others To Us

Total Cost Excluding TRIA:

\$	76,090.00	Property
\$	1,800.00	Crime
\$	51,170.00	General Liability
\$	14,144.00	POML
\$	59,245.68	Auto
\$	33,352.00	Excess Liability
\$	300.00	Policy Fee - Fully Earned
\$	236,101.68	Total Cost



Commercial Package Coverage - Continued

Total Cost Including TRIA:	\$ 76,090.00 Property \$ 1,800.00 Crime \$ 51,170.00 General Liability \$ 14,144.00 POML \$ 59,245.68 Auto \$ 33,352.00 Excess Liability \$ 300.00 Policy Fee - Fully Earned \$ 1,270.00 TRIA Premium \$ 237,371.68 Total Cost
Minimum Earned Premium:	25%
Quote Valid Until:	July 1, 2020
Conditions:	No flat cancellation
Policy Auditable:	Auditable
Binding Conditions:	<ul style="list-style-type: none"> • A written request to bind coverage • Acceptance or Rejection of Terrorism Insurance Coverage • Completed & Signed UM/UIM

Driver Qualifications:

Symbol 1	Any auto, including non-owned and hired	Symbol 7	Autos specified on schedule
Symbol 2	All owned autos	Symbol 8	Hired autos
Symbol 3	Owned private passenger	Symbol 9	Non-owned autos
Symbol 4	Owned autos other than private passenger		

***Property Co-insurance:** Most property insurance policies contain a co-insurance clause. In exchange for a reduced rate, the insured agrees to carry at least the stated percentage of insurance to the total insurable value of the property. If, at the time of loss, the amount of insurance carried is less than this percentage, the loss payment will be reduced proportionately.

Named Insureds are covered for all operations. Additional Insureds are only covered with respect to their interest in your operations. See each individual policy for details.

See Disclaimer Page for Important Notices and Acknowledgement



Schedule of Vehicles

							Deductible	
Veh #	Insd #	Year	Make	Model	Vin #	Cost New	Comp	Coll
As per schedule on file.								



Disclosures

This proposal of insurance is provided as a matter of convenience and information only. All information included in this proposal, including but not limited to personal and real property values, locations, operations, products, data, automobile schedules, financial data and loss experience, is based on facts and representations supplied to Alliant Insurance Services, Inc. by you. This proposal does not reflect any independent study or investigation by Alliant Insurance Services, Inc. or its agents and employees.

Please be advised that this proposal is also expressly conditioned on there being no material change in the risk between the date of this proposal and the inception date of the proposed policy (including the occurrence of any claim or notice of circumstances that may give rise to a claim under any policy which the policy being proposed is a renewal or replacement). In the event of such change of risk, the insurer may, at its sole discretion, modify, or withdraw this proposal, whether or not this offer has already been accepted.

This proposal is not confirmation of insurance and does not add to, extend, amend, change, or alter any coverage in any actual policy of insurance you may have. All existing policy terms, conditions, exclusions, and limitations apply. For specific information regarding your insurance coverage, please refer to the policy itself. Alliant Insurance Services, Inc. will not be liable for any claims arising from or related to information included in or omitted from this proposal of insurance.

Alliant embraces a policy of transparency with respect to its compensation from insurance transactions. Details on our compensation policy, including the types of income that Alliant may earn on a placement, are available on our website at www.alliant.com. For a copy of our policy or for any inquiries regarding compensation issues pertaining to your account you may also contact us at: Alliant Insurance Services, Inc., Attention: General Counsel, 701 B Street, 6th Floor, San Diego, CA 92101.

Analyzing insurers' over-all performance and financial strength is a task that requires specialized skills and in-depth technical understanding of all aspects of insurance company finances and operations. Insurance brokerages such as Alliant Insurance typically rely upon rating agencies for this type of market analysis. Both A.M. Best and Standard and Poor's have been industry leaders in this area for many decades, utilizing a combination of quantitative and qualitative analysis of the information available in formulating their ratings.

A.M. Best has an extensive database of nearly 6,000 Life/Health, Property Casualty and International companies. You can visit them at www.ambest.com. For additional information regarding insurer financial strength ratings visit Standard and Poor's website at www.standardandpoors.com.

Our goal is to procure insurance for you with underwriters possessing the financial strength to perform. Alliant does not, however, guarantee the solvency of any underwriters with which insurance or reinsurance is placed and maintains no responsibility for any loss or damage arising from the financial failure or insolvency of any insurer. We encourage you to review the publicly available information collected to enable you to make an informed decision to accept or reject a particular underwriter. To learn more about companies doing business in your state, visit the Department of Insurance website for that state.



NY Regulation 194

Alliant Insurance Services, Inc. is an insurance producer licensed by the State of New York. Insurance producers are authorized by their license to confer with insurance purchasers about the benefits, terms and conditions of insurance contracts; to offer advice concerning the substantive benefits of particular insurance contracts; to sell insurance; and to obtain insurance for purchasers. The role of the producer in any particular transaction typically involves one or more of these activities.

Compensation will be paid to the producer, based on the insurance contract the producer sells. Depending on the insurer(s) and insurance contract(s) the purchaser selects, compensation will be paid by the insurer(s) selling the insurance contract or by another third party. Such compensation may vary depending on a number of factors, including the insurance contract(s) and the insurer(s) the purchaser selects. In some cases, other factors such as the volume of business a producer provides to an insurer or the profitability of insurance contracts a producer provides to an insurer also may affect compensation.

The insurance purchaser may obtain information about compensation expected to be received by the producer based in whole or in part on the sale of insurance to the purchaser, and (if applicable) compensation expected to be received based in whole or in part on any alternative quotes presented to the purchaser by the producer, by requesting such information from the producer.

Other Disclosures / Disclaimers

FATCA:

The Foreign Account Tax Compliance Act (FATCA) requires the notification of certain financial accounts to the United States Internal Revenue Service. Alliant does not provide tax advice so please contact your tax consultant for your obligation regarding FATCA.

Claims Reporting:

Your policy will come with specific claim reporting requirements. Please make sure you understand these obligations. Contact your Alliant Service Team with any questions.

Claims Made Policy:

This claims-made policy contains a requirement stating that this policy applies only to any claim first made against the Insured and reported to the insurer during the policy period or applicable extended reporting period. Claims must be submitted to the insurer during the policy period, or applicable extended reporting period, as required pursuant to the Claims/Loss Notification Clause within the policy in order for coverage to apply. Late reporting or failure to report pursuant to the policy's requirements could result in a disclaimer of coverage by the insurer.



Other Disclosures / Disclaimers - Continued

Changes and Developments

It is important that we be advised of any changes in your operations, which may have a bearing on the validity and/or adequacy of your insurance. The types of changes that concern us include, but are not limited to, those listed below:

- Changes in any operations such as expansion to another states, new products, or new applications of existing products.
- Travel to any state not previously disclosed.
- Mergers and/or acquisition of new companies and any change in business ownership, including percentages.
- Any newly assumed contractual liability, granting of indemnities or hold harmless agreements.
- Any changes in existing premises including vacancy, whether temporary or permanent, alterations, demolition, etc. Also, any new premises either purchased, constructed or occupied
- Circumstances which may require an increased liability insurance limit.
- Any changes in fire or theft protection such as the installation of or disconnection of sprinkler systems, burglar alarms, etc. This includes any alterations to the system.
- Immediate notification of any changes to a scheduled of equipment, property, vehicles, electronic data processing, etc.
- Property of yours that is in transit, unless previously discussed and/or currently insured.



Other Disclosures / Disclaimers - Continued

Certificates / Evidence of Insurance

A certificate is issued as a matter of information only and confers no rights upon the certificate holder. The certificate does not affirmatively or negatively amend, extend or alter the coverage afforded by a policy. Nor does it constitute a contract between the issuing insurer(s), authorized representative, producer or certificate holder.

You may have signed contracts, leases or other agreements requiring you to provide this evidence. In those agreements, you may assume obligations and/or liability for others (Indemnification, Hold Harmless) and some of the obligations that are not covered by insurance. We recommend that you and your legal counsel review these documents.

In addition to providing a certificate of insurance, you may be required to name your client or customer on your policy as an additional insured. This is only possible with permission of the insurance company, added by endorsement and, in some cases, an additional premium.

By naming the certificate holder as additional insured, there are consequences to your risks and insurance policy including:

- Your policy limits are now shared with other entities; their claims involvement may reduce or exhaust your aggregate limit.
- Your policy may provide higher limits than required by contract; your full limits can be exposed to the additional insured.
- There may be conflicts in defense when your insurer has to defend both you and the additional insured.

See Request to Bind Coverage page for acknowledgment of all disclaimers and disclosures.



Flood Offering

Flooding is a serious threat to both personal and commercial clients. Flooding can happen anywhere, not just zone referred to as high-risk areas (Special Flood Hazard Area). Your Alliant team is ready to explain how it works and the associated costs.

Basic Facts

Congress created the NFIP in 1968 in response to the rising cost of taxpayer-funded disaster relief for flood victims and the increasing amount of damage caused by floods. The NFIP makes federally backed flood insurance available in communities that agree to adopt and enforce floodplain management ordinances to reduce future flood damage. The NFIP is self-supporting for the average historical loss year. This means that unless there is a widespread disaster, operating expenses and flood insurance claims are financed through premiums collected.

Commercial buildings or residential dwellings owned by commercial entities are considered commercial property. All others are residential dwellings

The [FEMA Summary for Commercial Property](#) and [FEMA Standard Summary of Coverage](#) provides information on the following:

- Types of Flood Insurance Coverage
- What is a Flood- "a General and temporary condition of partial or complete inundation of two or more acres of normally dry land area"...
- Deductibles – various options to meet your financial needs
- What is Covered and What is Not
- The valuation of the Property – Actual Cash Value or Replacement Cost

Additional Information

- Flood Zones-
 - <https://www.fema.gov/flood-zones>
- Excess Flood Insurance (contact your Producer for additional information)
 - Increased limits over the maximum flood limit provided by NFIP

FEMA Glossary of Flood Terms

<https://www.fema.gov/national-flood-insurance-program/definitions>

If you do NOT wish to purchase flood insurance your signature is required below:

Signature:

Date:

Name Printed / Typed:

Company Name:



Optional Coverages

The following represents a list of insurance coverages that are not included in this proposal, but are optional and may be available with further underwriting information.

Note some of these coverages may be included with limitations or insured elsewhere. This is a partial listing as you may have additional risks not contemplated here or are unique to your organization.

- Directors & Officers Liability
- Earthquake Insurance
- Employed Lawyers
- Employment Practices Liability
- Event Cancellation
- Fiduciary Liability
- Fireworks Liability
- Flood Insurance
- Foreign Insurance
- Garage Keepers Liability
- Kidnap & Ransom
- Law Enforcement Liability
- Media and Publishers Liability
- Medical Malpractice Liability
- Network Security / Privacy Liability and Internet Media Liability
- Pollution Liability
- Owned/Non-Owned Aircraft
- Owned Watercraft
- Special Events Liability
- Student Accident
- Volunteer Accidental Death & Dismemberment (AD&D)
- Workers' Compensation
- Workplace Violence

Glossary of Insurance Terms

Below are a couple of links to assist you in understanding the insurance terms you may find within your insurance coverages:

<http://insurancecommunityuniversity.com/UniversityResources/InsuranceGlossaryFREE.aspx>

<http://www.ambest.com/resource/glossary.html>

<http://www.irmi.com/online/insurance-glossary/default.aspx>



Request to Bind Coverage

Yucaipa Valley Water District

We have reviewed the proposal and agree to the terms and conditions of the coverages presented. We are requesting coverage to be bound as outlined by coverage line below:

Coverage Line	Bind Coverage for:
Commercial Package	<input type="checkbox"/>

**Did you know that Alliant works with premium financing companies?
Are you interested in financing your annual premium?**

Yes, please provide us with a financing quote. <input type="checkbox"/>	No, we do not wish to finance our premium. <input type="checkbox"/>
--	--

This Authorization to Bind Coverage also acknowledges receipt and review of all disclaimers and disclosures, including exposures used to develop insurance terms, contained within this proposal.

_____ Signature of Authorized Insurance Representative	_____ Date
_____ Title	
_____ Printed / Typed Name	

This proposal does not constitute a binder of insurance. Binding is subject to final carrier approval. The actual terms and conditions of the policy will prevail.



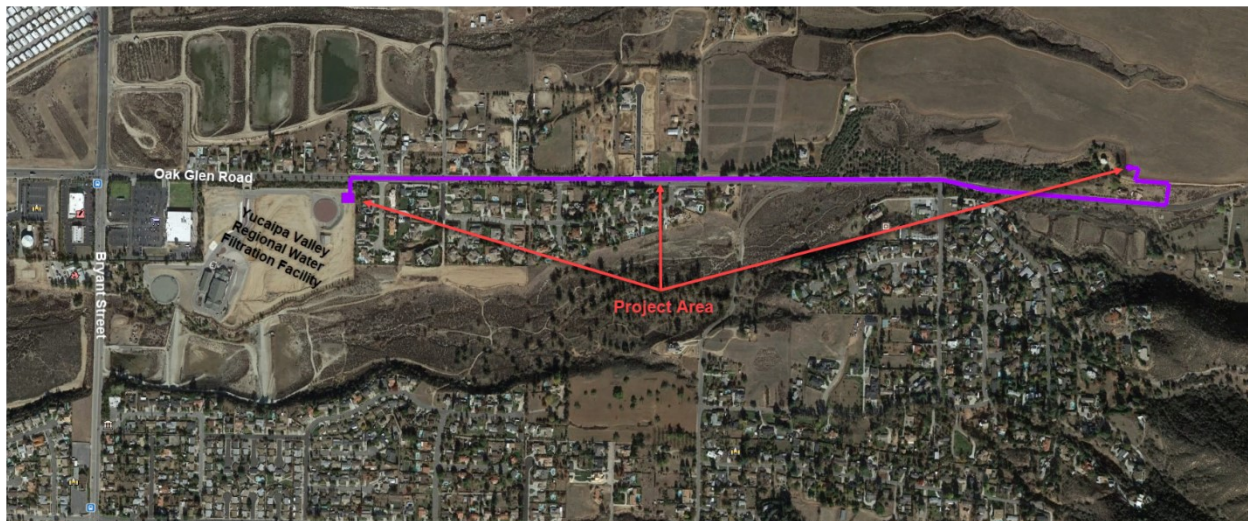
Date: June 16, 2020

Prepared By: Matthew Porras, Implementation Manager

Subject: Authorization to Proceed with the Final Design of Recycled Water Improvements at the R-16.2 Reservoir Complex

Recommendation: That the Board authorize the General Manager to initiate the design of the recycled water reservoir R-16.2, recycled water pipeline, and a booster station for a sum not to exceed \$206,800.

At the board workshop held on March 10, 2020, the District staff discussed the need to replace the R-16.2 drinking water reservoir [Asset ID: PW-R-13016.2] located on Oak Glen Road east of the Yucaipa Valley Regional Water Filtration Facility [Workshop Memorandum No. 20-064]. At a regular board meeting on May 26, 2020, the Board authorized Krieger and Stewart to prepare the final design of the drinking water storage facility at this location [Director Memorandum 20-085]. During the discussion regarding the replacement of the drinking water reservoir, the Board asked about the future of recycled water at this location. The purpose of this memorandum is to provide additional information about the expansion of recycled water on the North Bench area.



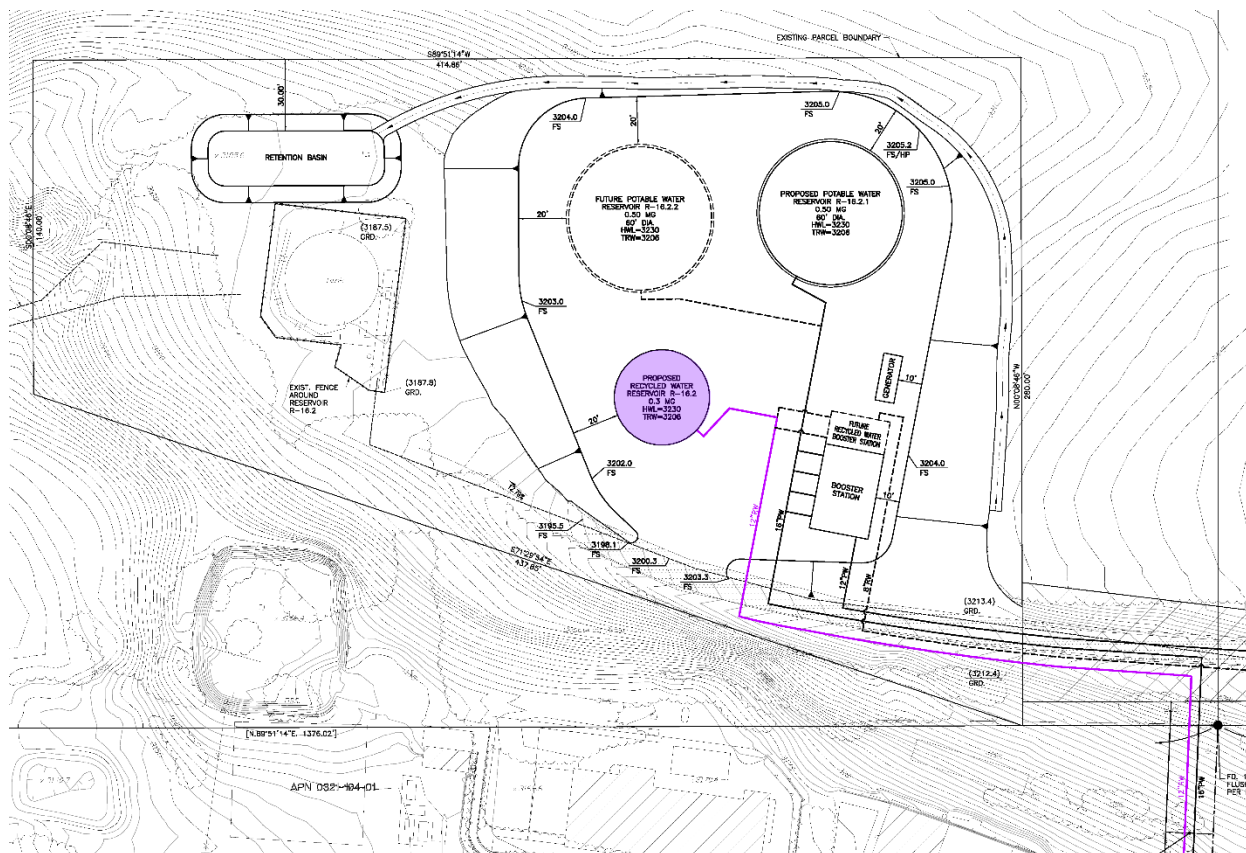
Proposed Drinking Water Improvements

The drinking water facilities proposed for the R-16.2 Reservoir Complex will include a new drinking water reservoir, a booster station powered by a new 480 volt electrical service as well as provisions for back-up power. The installation of these items will require grading work and new site piping and are estimated to cost approximately \$3,000,000.

In order to make the new site function with the existing distribution system, an off-site pipeline must be installed in Oak Glen Road. This pipeline will be the tank feed from the 16 (pressure) zone and will be approximately 1,700 feet in length. The pipeline will be 16" in diameter and is planned to be a separate installation and project. The off-site drinking water improvements are estimated to cost \$450,000. Authorization to solicit bids for this off-site improvement will be discussed at a future board meeting.

Proposed Recycled Water Improvements

The R-16.2 Reservoir Complex will be designed to accommodate the installation of a 300,000 gallon recycled water storage reservoir, booster facility, and related offsite pipeline improvements. The recycled water reservoir will be located on the same pad area as the drinking water reservoirs. The recycled water booster station will be located at the Yucaipa Valley Regional Water Filtration Facility about 1.3 miles west of the reservoir site. A 7,000 foot pipeline will connect the booster station to the reservoir providing recycled water to the recycled water reservoir.



The table below summarizes the design costs and the estimated construction costs of the recycled water project:

Design Cost	Infrastructure	Estimated Total
\$206,800	\$4,011,000	\$4,217,800

The purpose of this item is to provide information regarding the option of adding recycled water infrastructure to the Reservoir R-16.2 Reservoir Complex.

YUCAIPA VALLEY WATER DISTRICT											
RECYCLED WATER RESERVOIR 16.2, RECYCLED BOOSTER STATION B-14.2, AND 12"/16" RECYCLED WATER TRANSMISSION PIPELINE											
ESTIMATED FEES FOR DESIGN ENGINEERING SERVICES											
COMPONENT	PRINCIPAL ENGINEER		SENIOR ENGINEER		STAFF ENGINEER		COMPUTER OPERATOR		SENIOR SECRETARY		TOTAL
	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	HOURS	\$	
HYDRAULIC ANALYSES & PUMP SELECTION			32	7,264							7,264
SURGE ANALYSES			2	454	8	1,400					18,000 ⁽¹⁾
BOOSTER STATION PRELIMINARY DESIGN	8	1,816	24	5,448	24	4,200	32	4,672			16,136
PRELIMINARY DESIGN REVIEW MEETING WITH YVWD	2	454	2	454							908
85% CONTRACT DOCUMENT PREPARATION											
1. RESERVOIR	4	908	24	5,448			40	5,840	16	1,648	13,844
2. BOOSTER STATION	8	1,816	32	7,264	80	14,000	80	11,680	16	1,648	36,408
3. PIPELINE	4	908	24	5,448	32	5,600	64	9,344	16	1,648	30,398
YVWD 65% REVIEW MEETING	2	454	2	454							908
95% CONTRACT DOCUMENT PREPARATION											
1. RESERVOIR	4	908	24	5,448			32	4,672	16	1,648	12,676
2. BOOSTER STATION	6	1,362	32	7,264	60	10,500	80	11,680	16	1,648	32,454
3. PIPELINE	4	908	16	3,632	32	5,600	60	8,760	16	1,648	20,548
YVWD 95% REVIEW MEETING	2	454	2	454							908
FINAL CONSTRUCTION DOCUMENT PREPARATION	12	2,724	20	4,540			24	3,504	16	1,648	12,416
	56	12,712	236	53,572	236	41,300	412	60,152	112	11,536	202,722
											REIMBURSABLES (@2%): 4,054
											DESIGN SERVICES TOTAL (ROUNDED): \$206,800
OUTSIDE SERVICES											
PRINCIPAL ENGINEER	\$227 /HR										
SENIOR ENGINEER	\$227 /HR										
STAFF ENGINEER III	\$175 /HR										
OPERATOR II	\$146 /HR										
SECRETARY III	\$103 /HR										
SURVEY CREW	\$295 /HR										

YUCAIPA VALLEY WATER DISTRICT					
RECYCLED WATER RESERVOIR R-16.2, RECYCLED WATER BOOSTER STATION B-14.2, AND 12"/16" RECYCLED WATER TRANSMISSION PIPELINE					
PRELIMINARY CONSTRUCTION COST ESTIMATE					
ITEM NO.	DESCRIPTION	QTY	UNIT	COST	
				UNIT PRICE	TOTAL
	General				
1	Contract bonds, insurance and permits (not to exceed 3% of bid amount).	1	L.S.	\$90,000	\$110,000
2	Mobilization of equipment, materials, and labor (not to exceed 3% of bid amount).	1	L.S.	\$90,000	\$110,000
3	Provide trench protection (shoring or sloping) in accordance with CAL OSHA Standards for all trenches 5' and greater in depth.	1	L.S.	\$10,000	\$10,000
	Reservoir				
6	Construct reinforced concrete ringwall and furnish and install 6" crushed rock under reservoir	1	L.S.	\$60,000	\$60,000
7	Design, furnish, and construct 0.3 MG bolted steel water storage reservoir with appurtenances (including hatches, ladders, vents, etc.) having an approximate inside diameter of 48' and wall height of approximately 32'	1	L.S.	\$300,000	\$300,000
	Furnish and install site piping and electrical	1	L.S.	\$135,000	\$135,000
	Booster Station				
	Grade booster station site, including clearing, grubbing, scarification, excavation, and compaction	1	L.S.	\$30,000	\$30,000
8	Furnish and install site piping and fittings (including suction and discharge headers, valves, WSP, etc.)	1	L.S.	\$400,000	\$400,000
9	Furnish and install three (3) pump cans and appurtenances	3	EA	\$25,000	\$75,000
10	Furnish and install vertical turbine pumping units complete, including pump, suction bell, column, shaft, discharge head, electric motor, and appurtenances	2	EA	\$50,000	\$100,000
11	Furnish and install magnetic flow meter and appurtenances	1	L.S.	\$20,000	\$20,000
12	Furnish and install surge tank complete, including foundation, control panel, air compressor, and appurtenances	1	L.S.	\$120,000	\$120,000
14	Furnish and install electrical motor control equipment, including manual transfer switch, motor control centers, MCP/RTU panel, generator termination box, distribution panel, and all appurtenances, including connections to equipment	1	L.S.	\$225,000	\$225,000
15	Furnish and install all electrical conduit, conductors, pull boxes, grounding systems, site lighting, and appurtenances	1	L.S.	\$200,000	\$200,000
18	Furnish and install 4" thick AC paving	5,000	SF	\$6	\$30,000
25	Perform startup, testing, and SCADA system integration.	1	L.S.	\$25,000	\$25,000
26	Provide operation and maintenance manuals and training.	1	L.S.	\$5,000	\$5,000
27	Furnish and install all protective coatings (excluding reservoirs).	1	L.S.	\$10,000	\$10,000
	Pipeline				
28	Furnish and install 12"/16" zone 16 transmission main and appurtenances from plant site to R-16.2 site	7,000	LF	\$200	\$1,400,000
	Furnish and install base paving and AC overlay.	7,000	LF	\$65	\$455,000
				SUBTOTAL:	\$3,820,000
				CONTINGENCY (5%):	\$191,000
				TOTAL:	\$4,011,000

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

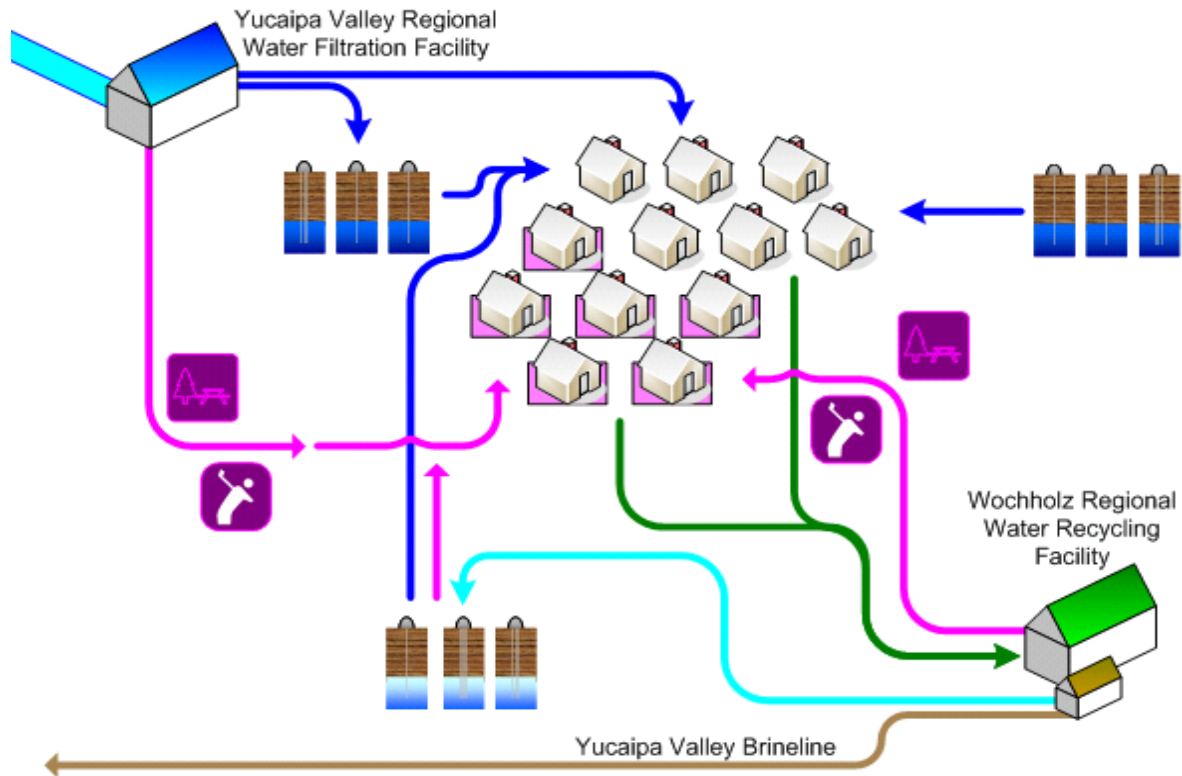
Water System: 223 miles of drinking water pipelines
2,033 fire hydrants
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
2.958 billion gallon annual drinking water demand
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa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