

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

Notice and Agenda of a Regular Meeting of the Board of Directors

Tuesday, December 17, 2019 at 6:00 p.m.

- I. CALL TO ORDER Pledge of Allegiance
- II. ROLL CALL
- **III. PUBLIC COMMENTS** At this time, members of the public may address the Board of Directors on matters within its jurisdiction. To provide comments on specific agenda items, please complete a speaker's request form and provide the completed form to the Board Secretary prior to the board meeting.
- **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. Regular Board Meeting December 3, 2019
 - 2. Board Workshop December 10, 2019
 - B. Payment of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for November 2019
- V. STAFF REPORT
- VI. DISCUSSION ITEMS
 - A. Presentation of the Unaudited Financial Report for the Period Ending on November 30, 2019 [Director Memorandum No. 19-136 Page 19 of 69]

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

B. Consideration of Replacing the Isolation Valves for the New Influent Basket Strainers to be Installed at the Yucaipa Valley Regional Water Filtration Facility [Director Memorandum No. 19-137 - Page 44 of 69]

RECOMMENDED ACTION: That the Board authorize the General Manager to execute Change Order No. 1 with Pascal & Ludwig for a sum not to exceed \$17,069.

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

C. Award of a Construction Contract with Superior Tank Company for the Replacement of Drinking Water Reservoir R-16.6 - Calimesa [Director Memorandum No. 19-138 - Page 46 of 69]

RECOMMENDED ACTION: That the Board award a construction contract with Superior Tank Company for a sum not to exceed \$565,668.

D. Consideration to Purchase Three (3) F-150 Ford Trucks [Director Memorandum No. 19-139
 - Page 53 of 69]

RECOMMENDED ACTION: That the Board authorize the General Manager to purchase three F-150 Ford trucks for a sum not to exceed \$79,911.

VII. BOARD REPORTS & DIRECTOR COMMENTS

VIII. ANNOUNCEMENTS

- A. December 31, 2019 at 4:00 p.m. Board Workshop Cancelled
- B. January 7, 2020 at 6:00 p.m. Board Meeting Cancelled
- C. January 14, 2020 at 4:00 p.m. Board Workshop
- D. January 21, 2020 at 6:00 p.m. Board Meeting
- E. January 28, 2020 at 4:00 p.m. Board Workshop
- F. February 4, 2020 at 6:00 p.m. Board Meeting
- G. February 11, 2020 at 4:00 p.m. Board Workshop
- H. February 18, 2020 at 6:00 p.m. Board Meeting
- I. February 25, 2020 at 4:00 p.m. Board Workshop
- J. March 3, 2020 at 6:00 p.m. Board Meeting
- K. March 10, 2020 at 4:00 p.m. Board Workshop
- L. March 17, 2020 at 6:00 p.m. Board Meeting
- M. March 31, 2020 at 4:00 p.m. Board Workshop

IX. Closed Session

A. Conference with Real Property Negotiator(s) - Government Code 54956.8

Property: Assessor's Parcel Number: 0319-121-38
Agency Negotiator: Joseph Zoba, General Manager

Negotiating Parties: Harry Holdorff

Under Negotiation: Terms of Payment and Price

B. Conference with Real Property Negotiator(s) - Government Code 54956.8

Property: Assessor's Parcel Number: 0319-121-63 Agency Negotiator: Joseph Zoba, General Manager

Negotiating Parties: Emmet Conlon

Under Negotiation: Terms of Payment and Price

C. Conference with Real Property Negotiator(s) - Government Code 54956.8 Property: 32362 Live Oak Canyon Road, Redlands, California - Easement Agency Negotiator: Joseph Zoba, General Manager

Under Negotiation: Terms of Payment and Price

D. Conference with Real Property Negotiator(s) - Government Code 54956.8

Property: 12205 16th Street, Yucaipa California - Easement Agency Negotiator: Joseph Zoba, General Manager

Under Negotiation: Terms of Payment and Price

E. Conference with Legal Counsel - Anticipated Litigation (Government Code 54956.9) - Two Cases

X. ADJOURNMENT

Consent Calendar



MINUTES OF A REGULAR BOARD MEETING

December 3, 2019 at 6:00 P.M.

Directors Present:

Chris Mann, President

Bruce Granlund, Vice President

Jay Bogh, Director Lonni Granlund, Director Joyce McIntire, Director Staff Present:

Jennifer Ares, Water Resource Manager Allison Edmisten, Chief Financial Officer Kathryn Hallberg, Implementation Manager

Matthew Porras, Implementation Manager John Wrobel, Operations Manager

Joseph Zoba, General Manager

Directors Absent:

None

Consulting Staff Present:

David Wysocki, Legal Counsel

Registered Guests and Others Present:

Linda Shelton

Leonard Stephenson, San Gorgonio Pass Water Agency

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 6:00 p.m. at the Administrative Office Building, 12770 Second Street,

Yucaipa, California.

FLAG SALUTE

Director Chris Mann led the pledge of allegiance.

ROLL CALL

The roll was called with Director Jay Bogh, Director Bruce Granlund, Director Lonni Granlund, Director Chris Mann, and

Director Joyce McIntire present.

PUBLIC COMMENTS

None.

CONSENT CALENDAR

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

A. Minutes of Meetings

- 1. Regular Board Meeting November 5, 2019
- 2. Board Workshop November 12, 2019
- 3. Regular Board Meeting November 19, 2019
- 4. Board Workshop November 26, 2019

The motion was approved by the following vote:

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

STAFF REPORT

General Manager Joseph Zoba discussed the following items:

 The San Bernardino Valley Municipal Water District will be performing their annual inspection and maintenance of the Foothill, Santa Ana River Crossing, East Branch, and Greenspot pipelines from December 31, 2019 to January 31, 2020. The District staff will coordinate our annual maintenance and shutdown of the Yucaipa Valley Regional Water Filtration Facility during this period.

DISCUSSION ITEMS:

DM 19-134

CONSIDERATION OF DEVELOPMENT AGREEMENT NO. 2019-13 WITH BEAUMONT UNIFIED SCHOOL DISTRICT FOR THE DEVELOPMENT OF A K-8 SCHOOL IN THE SUMMERWIND TRAILS DEVELOPMENT Implementation Manager Matthew Porras presented the proposed development agreement for a new K-8 school by Beaumont Unified School District.

Director Lonni Granlund moved that the Board approve Development Agreement No. 2019-13.

Director Bruce Granlund seconded the motion.

The motion was approved by the following vote:

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

DM 19-135

APPROVAL OF THE
FINANCIAL RATE
MODEL AND
COMPREHENSIVE RATE
STUDY FOR THE
DRINKING WATER,
SEWER, AND
RECYCLED WATER
ENTERPRISES AND
SCHEDULING A PUBLIC
HEARING FOR
CONSIDERATION OF

General Manager Joseph Zoba provided a detailed overview of the rate model and Comprehensive Rate Study for the Drinking Water, Sewer and Recycled Water Enterprises and answered questions by the Board of Directors.

Director Bruce Granlund moved that the Board by minute order, the Board:

- 1) Approve the Comprehensive Rate Study dated December 3, 2019;
- 2) Ratify the General Manager's authorization to initiate the Proposition 218 process; and
- 3) Set a public hearing for January 21, 2020 at 6:00 pm to consider a resolution setting rates, fees, and charges for

SETTING RATES, FEES, AND CHARGES

drinking water, recycled water, and sewer service to be effective on February 1, 2020.

Director Jay Bogh seconded the motion.

The motion was approved by the following vote:

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

BOARD REPORTS AND DIRECTOR COMMENTS

Director Bruce Granlund, Director Lonni Granlund, and Director Joyce McIntire reported on the 30th anniversary of the City of Yucaipa.

Director Joyce McIntire reported on the San Gorgonio Pass Water Agency board meeting held on December 2, 2019.

ANNOUNCEMENTS

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

CLOSED SESSION

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

C. Conference with Real Property Negotiator(s) - Government Code 54956.8

Property: 32362 Live Oak Canyon Road, Redlands, California - Easement

Agency Negotiator: Joseph Zoba, General Manager Under Negotiation: Terms of Payment and Price

D. Conference with Real Property Negotiator(s) - Government Code 54956.8

Property: 12205 16th Street, Yucaipa California - Easement Agency Negotiator: Joseph Zoba, General Manager Under Negotiation: Terms of Payment and Price

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

<u>ADJOURNMENT</u>

The meeting was adjourned at 6:55 p.m.

Respectfully submitted,	
Joseph B. Zoba, Secretary	(Seal)

MINUTES OF A BOARD WORKSHOP

December 10, 2019 at 4:00 P.M.

Directors Present:

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

Staff Present:

Jennifer Ares, Water Resource Manager
Madeline Blua, Water Resource Specialist
Allison Edmisten, Chief Financial Officer
Ashley Gibson, Regulatory Compliance Manager
Kathryn Hallberg, Implementation Manager
Dustin Hochreiter, Senior Engineering Technician
Mike Kostelecky, Operations Manager
Matthew Porras, Implementation Manager
Mike Rivera, Public Works Supervisor
John Wrobel, Public Works Manager
Joseph Zoba, General Manager

Directors Absent: Jay Bogh, Director Consulting Staff Present:
David Wysocki, Legal Counsel

Guests and Others Present: Linda Shelton

- I. Call to Order 4:00 p.m. The workshop of the Board of Directors of the Yucaipa Valley Water District was called to order by Chris Mann at 4:00 p.m. at the Administrative Office Building, 12770 Second Street, Yucaipa, California.
- II. Public Comments

None

- III. Staff Report General Manager Joseph Zoba presented information on the following topics:
 - On December 2, 2019, the Department of Water Resources released information setting the initial 2020 State Water Project allocation at 10 percent. Based on the contractual Table A amounts, this initial allocation will provide the San Bernardino Valley Municipal Water District with 10,260 acre feet and the San Gorgonio Pass Water Agency with 1,730 acre feet of water from the State Water Project.
- IV. Presentation
 - A. Overview of Drinking Water and Recycled Water Consumption and Water Conservation Trends [Workshop Memorandum No. 19-243] - General Manager Joseph Zoba provided information about the quantity of drinking water used by new dual-plumbed homes in Calimesa.
- V. Capital Improvement Projects
 - A. Overview of a Proposed Construction Contract for the Replacement of the Drinking Water Reservoir R-16.6 - Calimesa [Workshop Memorandum No. 19-244] -Implementation Manager Matthew Porras provided an overview of the water reservoir replacement of R-16.6. The apparent low bidder was Superior Tank

Company for a bid amount of \$565,668. The engineering estimate for this project was set at \$624,500.

VI. Administrative Issues

- A. Presentation of the Unaudited Financial Report for the Period Ending on November 30, 2019 [Workshop Memorandum No. 19-245] Chief Financial Officer Allison Edmisten provided an overview of the Unaudited Financial Report.
- B. Overview of the Demolition of Structures at 12816 Second Street, Yucaipa [Workshop Memorandum No. 19-246] General Manager Joseph Zoba discussed the demolition of the structures as 12816 Second Street, Yucaipa. Director Bruce Granlund asked about the possibility of using the structures for fire training before they are demolished. The District staff will review the options with the local fire departments and Crafton Hills College.
- VII. Director Comments

None

- VIII. Announcements The future meetings were referenced on the workshop agenda.
- IX. Closed Session A closed session was not conducted at this meeting.
- X. Adjournment The meeting was adjourned at 4:40 p.m.

	Respectfully submitted,
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	Joseph B. Zoba, Secretary

Board Awarded Contracts Consent Calendar Board Workshop - October 29, 2019

Encumbered Funds - Remaining Contract Amount

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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	General Operating Expenses	Water Division Funds	Sewer Division Funds	Recycled Division Funds	Other Funds
Law Office of David L. Wysocki - FY 2019 Legal Services (Operating)		*-5-06-54107			\$46,128	\$4,125	\$50,253							
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%				\$10,505	
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	\$165,000	\$7,500	\$172,500	\$187,500	52%	\$187,500				
Dudek (S-Operating) 2019-Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	19-045	03-5-06-54109		\$89,426	\$37,459	\$0	\$37,459	\$51,967	58%	\$51,967				
Dudek (S-Operating) 2018-HMP in San Timoteo Creek	18-055	65-15339 03-5-06-57030		\$56,340	\$53,335	\$0	\$53,335	\$3,005	5%	\$3,005				
Dudek (S-Operating) 2019-Habitat Monitoring Program (HMP) in San Timoteo Creek	19-044	65-15339 03-5-06-57030		\$73,830	\$66,135	\$0	\$66,135	\$7,695	10%	\$7,695				
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%	\$5,348				
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	\$92,197	\$0	\$92,197	\$4,153	4%	\$4,153				
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%		\$26,046			
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%			\$9,645		
Geoscience (R-Operating) Preparation of a groundwater model for the Gateway Basin CO #1 - preparation of groundwater model	14-070 15-010	04-5-06-54109	\$35,320 \$16,390	\$51,710	\$49,284	\$0	\$49,284	\$2,426	5%	\$2,426				
Geoscience (W-Operating) Calculation of Water Budgets for Validation of Annual Change in Storage Exp of the Yucaipa Watershed & Yucaipa Groundwater Basin Model	16-058 16-110	02-5-06-54109	\$130,236 \$41,770	\$172,006	\$161,252	\$0	\$161,252	\$10,754	6%	\$10,754				
Geoscience Pilot Recharge Testing of the Beaumont Basin (S-Reserves) \$326,956 Amendement #1 -DM 19-057 - \$101,464 Amendement #2 -DM 19-097 - \$456,064 Amendement #3 -DM 19-125 - \$89,767	18-140 19-057 19-097 19-125	03-5-06-54109		\$974,251	\$530,740	\$43,797	\$574,537	\$399,714	41%			\$399,714		
Geoscience Monitoring Wells in San Timoteo Cyn	19-076	02-5-06-54109		\$24,556	\$7,902	\$293	\$8,195	\$16,362	67%	\$16,362				
Geoscience Tracer Study Analysis at Wilson Creek Spreading Basins	19-024	02-5-06-54109		\$34,560	\$29,279	\$2,275	\$31,554	\$3,006	9%	\$3,006				
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%	\$407				
Inland Potable Services Reservoir Cleaning and Inspection Services/expires 2021(Water & Recycled) 2019- (15)Reservoirs-43,537.00- DM 19-038 Change Order to Increase 35,900.00 2020- (16)Reservoirs 54,540.00 2021- (17)Reservoirs-41,616.00	18-158 19-038	*5-01-51003		\$175,593	\$79,437	\$0	\$79,437	\$96,156	55%	\$96,156				
Krieger & Stewart Initiate Design of R-12.4 (W-Reserves) TO#4 Revised TO#4, Amendment #2	04-164 05-075 14-014	65-295	\$74,900 \$600 \$45,000	\$585,100	\$552,636	\$0	\$552,636	\$32,464	6%		\$32,464			

Board Awarded Contracts Consent Calendar Board Workshop - October 29, 2019

Encumbered Funds - Remaining Contract Amount

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	General Operating Expenses	Water Division Funds	Sewer Division Funds	Recycled Division Funds	Other Funds
TO#5- Construction Mgmt Services TO#5, Amendment #1 - Construction Mmgt Services	14-092 16-069		\$482,500 \$102,600											
TO#5, Design R-13.4 and H-2 Reservoirs for JP Ranch 60% R-13.4 and 40% H-2 (Developer Funds)	05-083 05-083	65-180 65-179	\$47,400 \$31,600	\$79,000	\$50,471	\$0	\$50,471	\$28,529	36%					\$28,529
Prepare a Biological Model of System Processes	19-041	03-5-06-54109		\$29,235		\$0	\$0	\$29,235	100%	\$29,235				
Novotx (Elements) (W/S Operating) Elements XS asset management software	18-127	*-5-06-54005		\$121,100	\$73,000	\$0	\$73,000	\$48,100	40%	\$48,100				
One Stop Landscape Supply FY 2019 Sludge Hauling\Reuse (Oper)		03-5-02-57031			\$339,822	\$21,858	\$361,680							
Pascal Ludwig/Forstra Filters(W-Reserves) Three Forsta Filters and Pascal Ludwig for Installation at YVRWFF	19-098	02-13004		\$338,100	\$167,990	\$0	\$167,990	\$170,110	50%		\$170,110			
Platinum Advisors (W\S Operating) 2018 Lobbyist N-T-E per month 2018 Quarterly Filing & Misc. Expenses	13-080	*-5-06-54109 02-5-06-54109	 		\$95,000 \$750	\$0 \$0	\$95,000 \$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%		\$24,375			
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%				\$26,331	
Application to DDW for the Recharge at Wilson Creek Basins (R-Resvs) Amendment #3	15-086 18-085	04-19771		\$237,668	\$236,474	\$976	\$237,450	\$218	0%				\$218	
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%			\$28,926		
Separation Processes, Inc. (W-Reserves) Design & Construction Supports Servs for NF SCRAM	15-047	55-19200 02-14500		\$191,820	\$170,980	\$0	\$170,980	\$20,840	11%		\$20,840			
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%				\$18,333	
Feasibility Report for Wochholz SAGE Project	17-043	03-5-06-54109		\$67,575	\$70,864	\$0	\$70,864	(\$3,289)	-5%			(\$3,289)		
Preliminary Engineering Design Study-SAGE Project	19-106	03-5-06-54109		\$32,260	\$9,190	\$2,494	\$11,684	\$20,576	64%			\$20,576		
WWTP Monitoring Operations & Reporting Enhancement (MORE) (S-Oper)	18-122	03-5-06-54109		\$330,436	\$118,543	\$5,184	\$123,727	\$206,710	63%			\$206,710		
WWTP -RCA - Foaming- Improve energy efficiency and treatment process	19-025	03-5-06-54109		\$36,800	\$30,483	\$0	\$30,483	\$6,317	17%			\$6,317		
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	\$22,800	\$0	\$22,800	\$4,600	17%	\$4,600				
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%	\$33,136				
GRAND TOTALS				\$4,713,109	\$3,635,495	\$88,501	\$3,723,996	\$1,529,931		\$503,849	\$273,835	\$668,598	\$55,387	\$28,529
										↓ \$ <u>503,849</u>		\$ <u>997,819</u>		↓ \$ <u>28,529</u>

	Check			
Check Date	Number	Payee		Amount
11/04/2019	35745	All American Sewer Tools	\$	675.99
11/04/2019	35746	Alpine Springs	\$	222.40
11/04/2019	35747	Ameripride Uniform Services	\$	1,197.15
11/04/2019	35748	Aqua-Metric Sales Company	\$	12,858.08
11/04/2019	35749	Arrow Staffing	\$	1,912.24
11/04/2019	35750	Auto Care Clinic	\$ \$	93.23
11/04/2019	35751	AutoZone Stores LLC	\$	296.56
11/04/2019	35752	Avista Technologies, Inc.	\$	20,903.60
11/04/2019	35753	Best Home Center	\$ \$	16.25
11/04/2019	35754	Brenntag Pacific, Inc	\$	9,991.55
11/04/2019	35755	BSK Associates	\$	2,085.00
11/04/2019	35756	California Water Environment Association	\$	384.00
11/04/2019	35757	Caselle, Inc.	\$ \$	58,007.00
11/04/2019	35758	Clinical Laboratory of San Bernardino	\$	8,359.00
11/04/2019	35759	Cole-Parmer		433.24
11/04/2019	35760	DC Frost Associates, Inc.	\$ \$	234.42
11/04/2019	35761	Hach Company	\$	5,163.57
11/04/2019	35762	House Of Quality, Parts Plus		215.00
11/04/2019	35763	Houston & Harris PCS, Inc.	\$ \$	1,900.00
11/04/2019	35764	Inland Water Works Supply Co.	\$	471.95
11/04/2019	35765	JW D'Angelo Co.	\$	11,554.17
11/04/2019	35766	Krieger & Stewart	\$	35,467.84
11/04/2019	35767	Les Schwab Tire Center	\$ \$	584.48
11/04/2019	35768	Merit Oil Company	\$	2,688.13
11/04/2019	35769	Nalco Company	\$	10,328.10
11/04/2019	35770	Pacific Coast Landscape & Design, Inc.	\$	6,325.00
11/04/2019	35771	Platinum Advisors, LLC	\$	125.00
11/04/2019	35772	Ponton Industries, Inc	\$	15,670.08
11/04/2019	35773	Pro-Pipe & Supply, Inc.	\$ \$	57.70
11/04/2019	35774	Quinn Company	\$	3,439.40
11/04/2019	35775	Red Alert Special Couriers	\$	1,195.26
11/04/2019	35776	Redline	\$	1,178.86
11/04/2019	35777	SCCI, Inc.	\$	300.00
11/04/2019	35778	Schaner's WasteWater Prod., Inc	\$	2,698.77
11/04/2019	35779	Southern CA Emergency Medicine, Inc.	\$	75.00
11/04/2019	35780	The Gas Company	\$	79.87
11/04/2019	35781	Titan Electric	\$	8,250.00
11/04/2019	35782	TPX Communications	\$	2,657.75
11/04/2019	35783	Underground Service Alert Of So. CA	\$	318.55
11/04/2019	35784	United Rentals Inc.	\$	1,095.10
11/04/2019	35785	Watereuse Association	\$	2,086.50
11/08/2019	35786	Denise Howard	\$	1,519.53
11/12/2019	35787	Action Rentals	\$	60.00
11/12/2019	35788	Ameripride Uniform Services	\$	868.47
11/12/2019	35789	Arrow Staffing	\$	2,126.40
11/12/2019	35790	Auto Care Clinic	\$	597.53
11/12/2019	35791	Best Home Center	\$	38.63

	Check			
Check Date	Number	Payee		Amount
11/12/2019	35792	Brenntag Pacific, Inc	\$	23,087.42
11/12/2019	35793	Caselle, Inc.	\$	2,170.00
11/12/2019	35794	Corelogic, Inc.	\$	330.00
11/12/2019	35795	Coverall North America, Inc.	\$	1,021.00
11/12/2019	35796	Crown Ace Hardware - Yucaipa	\$	18.49
11/12/2019	35797	Custom Concrete System	\$	6,600.00
11/12/2019	35798	Eurofins Eaton Analytical, Inc.	\$	9,600.00
11/12/2019	35799	First American Data Tree, LLC	\$	50.00
11/12/2019	35800	Frontier Communications	\$	163.26
11/12/2019	35801	G&G Environmental Compliance,Inc	\$	4,149.01
11/12/2019	35802	House Of Quality, Parts Plus	\$	80.50
11/12/2019	35803	Houston & Harris PCS, Inc.	\$	1,800.00
11/12/2019	35804	InfoSend, Inc.	\$	33,937.62
11/12/2019	35805	Instrument & Valve Services Company	\$	1,862.65
11/12/2019	35806	JB Paving & Engineering, Inc.	\$	19,000.00
11/12/2019	35807	JW D'Angelo Co.	\$	1,959.06
11/12/2019	35808	Konica Minolta Business Solutions	\$	1,332.20
11/12/2019	35809	Lowe's Companies, Inc.	\$	853.23
11/12/2019	35810	Lucas D'Aon	\$	79.78
11/12/2019	35811	MBC Applied Environmental Sciences	\$	1,350.00
11/12/2019	35812	Merit Oil Company	\$	5,013.32
11/12/2019	35813	Nautilus Environmental, Inc.	\$ \$	1,500.00
11/12/2019	35814	Nautilus Environmental, Inc.	\$	1,500.00
11/12/2019	35815	Nearmap US Inc.	\$	6,000.00
11/12/2019	35816	Pro-Pipe & Supply, Inc.	\$	979.80
11/12/2019	35817	Q Versa, LLC	\$	945.00
11/12/2019	35818	Redlands-Yucaipa Rentals Inc.	\$	254.10
11/12/2019	35819	Risk Sciences	\$	808.13
11/12/2019	35820	San Bernardino County	\$	330.75
11/12/2019	35821	SCCI, Inc.	\$	955.00
11/12/2019	35822	Separation Processes, Inc.	\$	4,168.50
11/12/2019	35823	Shanna Gorssich	\$	95.49
11/12/2019	35824	The Counseling Team International	\$	300.00
11/12/2019	35825	Yucaipa Disposal, Inc.	\$	4,561.32
11/12/2019	35826	Yucaipa/Calimesa News Mirror	\$	201.50
11/12/2019	35827	Yucaipa-Calimesa Joint Unified School Di	\$	890.00
11/08/2019	35828	California State Disbursement Unit	\$	743.52
11/08/2019	35829	IBEW Local #1436	\$	580.00
11/08/2019	35830	WageWorks Inc	\$	1,340.00
11/18/2019	35831	David L. Wysocki	\$	3,712.50
11/18/2019	35832	Delta Partners, LLC	\$	7,500.00
11/18/2019	35833	Dudek & Associates, Inc	\$	13,459.10
11/18/2019	35834	Eide Bailly LLP	\$	21,300.00
11/18/2019	35835	Forstra Filters, Inc.	\$	167,990.33
11/18/2019	35836	One Stop Landscape Supply Inc	\$	21,160.50
11/18/2019	35837	Separation Processes, Inc.	\$	11,091.22
11/18/2019	35838	Alliant Insurance Services, Inc.	\$	7,019.20

	Check			
Check Date	Number	Payee		Amount
11/18/2019	35839	Ameripride Uniform Services	\$	899.13
11/18/2019	35840	Arrow Staffing	\$	2,126.40
11/18/2019	35841	Assoc. SB Cty Special Districts		272.00
11/18/2019	35842	Best Home Center	\$ \$	36.06
11/18/2019	35843	BofA Credit Card	\$	1,491.84
11/18/2019	35844	BSK Associates	\$	1,005.00
11/18/2019	35845	California Association of Sanitation Age	\$	16,711.00
11/18/2019	35846	California Water Environment Association	\$	384.00
11/18/2019	35847	Cemex Inc. USA	\$ \$	2,044.56
11/18/2019	35848	Contron Scada Systems	\$	4,227.47
11/18/2019	35849	Coverall North America, Inc.	\$	310.00
11/18/2019	35850	Custom Metal Fabrication	\$	285.00
11/18/2019	35851	Eurofins Eaton Analytical, Inc.	\$	600.00
11/18/2019	35852	Evoqua Water Technologies LLC	\$	2,057.69
11/18/2019	35853	Fastenal Company	\$	1,015.07
11/18/2019	35854	Harrington Ind. Plastic, LLC	\$	190.34
11/18/2019	35855	Hasa, Inc.	\$	3,705.31
11/18/2019	35856	House Of Quality, Parts Plus		23.12
11/18/2019	35857	Hub Construction Specialties Inc	\$ \$	224.68
11/18/2019	35858	Joseph Preston	\$	3,729.12
11/18/2019	35859	Koritas Tires Inc.	\$	15.00
11/18/2019	35860	Les Schwab Tire Center	\$	483.82
11/18/2019	35861	Merit Oil Company	\$	3,116.72
11/18/2019	35862	NOSHAQ PROPERTIES LLC	\$	88.97
11/18/2019	35863	Polydyne Inc.	\$	3,462.86
11/18/2019	35864	Q Versa, LLC	\$	3,840.00
11/18/2019	35865	Red Alert Special Couriers	φ \$	1,195.26
11/18/2019	35866	Redlands Ford		53.68
11/18/2019	35867		\$ \$	151.65
11/18/2019		SB CNTY-Solid Waste Mgmt Div	Ф \$	
11/18/2019	35868 35869	Smart & Final Stores LLC Smith & Loveless, Inc.	•	195.02
		•	\$	4,670.98
11/18/2019	35870 35871	Southern California Edison	\$	5,182.11
11/18/2019	35871	Spectrum Business State Water Resources Control Board	\$	1,834.00
11/18/2019	35872		\$	54,100.00
11/18/2019	35873	Studio Orange Street	\$	300.00
11/18/2019	35874	Time Warner Cable	\$	281.30
11/22/2019	35875	Aflac	\$	3,019.68
11/22/2019	35876	California State Disbursement Unit	\$	743.52
11/22/2019	35877	FRANCHISE TAX BOARD	\$	100.00
11/22/2019	35878	WageWorks Inc	\$	1,340.00
11/22/2019	35879	Western Dental Services Inc	\$	251.16
11/25/2019	35880	All American Sewer Tools	\$	2,296.22
11/25/2019	35881	Alpine Springs	\$ \$	62.45
11/25/2019	35882	American Water Works Assoc.	\$	4,269.00
11/25/2019	35883	Ameripride Uniform Services	\$	874.39
11/25/2019	35884	Arrow Staffing	\$	1,416.83
11/25/2019	35885	AT&T Mobility	\$	2,467.79

	Check			
Check Date	Number	Payee		Amount
11/25/2019	35886	AutoZone Stores LLC	\$	25.82
11/25/2019	35887	Best Home Center	\$	31.72
11/25/2019	35888	Brenntag Pacific, Inc	\$	6,552.22
11/25/2019	35889	California Water Environment Association	\$	192.00
11/25/2019	35890	Environmental Systems Research Institute	\$	49,000.00
11/25/2019	35891	Frontier Communications/CMR Claims Dept	\$	160.02
11/25/2019	35892	House Of Quality, Parts Plus	\$	57.93
11/25/2019	35893	Houston & Harris PCS, Inc.	\$	2,500.00
11/25/2019	35894	InfoSend, Inc.	\$	1,799.74
11/25/2019	35895	JB Paving & Engineering, Inc.	\$	58,543.00
11/25/2019	35896	JW D'Angelo Co.	\$	633.57
11/25/2019	35897	Leighton Consulting, Inc.	\$	9,995.00
11/25/2019	35898	Merit Oil Company	\$	3,229.99
11/25/2019	35899	NetComp Technologies,Inc.	\$	2,600.00
11/25/2019	35900	Novotx	\$	73,000.00
11/25/2019	35901	Pacific Coast Landscape & Design, Inc.	\$	6,325.00
11/25/2019	35902	Pro-Pipe & Supply, Inc.	\$	93.73
11/25/2019	35903	R.F MacDonald Co.	\$	1,650.00
11/25/2019	35904	RivCo Parks	\$	6,100.00
11/25/2019	35905	SCCI, Inc.	\$	300.00
11/25/2019	35906	SCE Rosemead	\$	227,833.40
11/25/2019	35907	Schaner's WasteWater Prod., Inc	\$	2,728.37
11/25/2019	35908	Spectrum Business	\$	4,483.00
11/25/2019	35909	State Water Resources Control Board	\$	2,625.00
11/25/2019	35910	State Water Resources Control Board	\$	649,273.50
11/25/2019	35911	Steven R. Smith, MSREA, MAI, SRA	\$	2,950.00
11/22/2019	35912	Blue Shield of California	\$	3,703.40
11/22/2019	35913	CalPERS Health Insurance	\$	95,074.24
11/22/2019	35914	Nippon Life Insurance Co	\$	2,806.25
11/22/2019	35915	Standard Dental Insurance Co	\$	1,552.24
11/22/2019	35916	Standard Insurance Vision Plan	\$	274.60
11/25/2019	35917	WageWorks, Inc.	\$	186.50
		-	\$	1,984,080.29
11/08/2019	electronic pmt	CalPERS 457 & Loan	\$	27,969.36
11/08/2019	electronic pmt	CalPERS Retirement	\$	30,828.27
11/08/2019	electronic pmt	EDD - State of California	\$	9,963.23
11/08/2019	electronic pmt	IRS	\$	57,618.70
11/08/2019	electronic pmt	Payroll Direct Deposit	\$	145,780.06
11/08/2019	electronic pmt	VOYA 457 Retirement Plan	\$	5,071.64
11/21/2019	electronic pmt	EDD - State of California	\$	910.90
11/21/2019	electronic pmt	IRS	\$	10,841.83
11/21/2019	electronic pmt	Payroll-Comp Time Cash Out	\$	40,222.48
11/22/2019	electronic pmt	CalPERS 457 & Loan	\$	24,971.62
11/22/2019	electronic pmt	CalPERS Retirement	\$	31,128.05
11/22/2019	electronic pmt	EDD - State of California	Ψ \$	10,316.05
1 1/22/2019	electronic britt	LDD - State of California	ψ	10,510.05

Check

Check Date	Number	Payee	Amount
11/22/2019	electronic pmt	IRS	\$ 56,649.09
11/22/2019	electronic pmt	Payroll Direct Deposit	\$ 146,067.67
11/22/2019	electronic pmt	VOYA 457 Retirement Plan	\$ 3,596.64
			\$ 601,935.59
Checks	173		
Electronic	15		
Total	188		\$ 2,586,015.88

Staff Report



Discussion Items





Director Memorandum 19-136

Date: December 17, 2019

Prepared By: Allison M. Edmisten, Chief Financial Officer

Subject: Presentation of the Unaudited Financial Report for the Period Ending on

November 30, 2019

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.

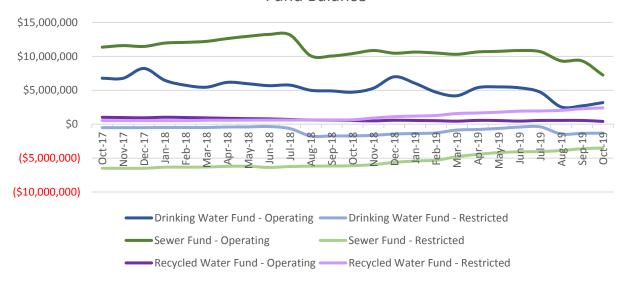
Cash Fund Balance and Cash Flow Reports

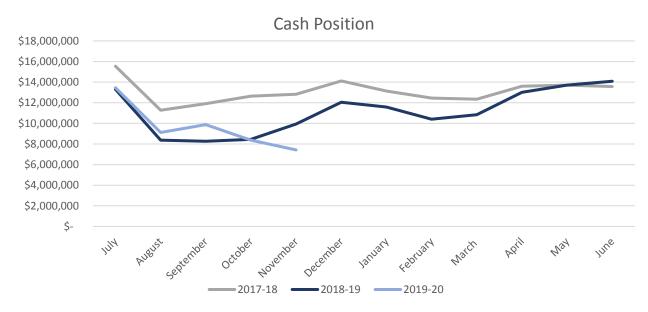
[Detailed information can be found on page 7 to 8 of 25]

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	\$	2,169,045.99	\$	(1,281,007.84)	\$ 888,038.15
Sewer Division	\$	7,088,763.89	\$	(3,408,187.89)	\$ 3,680,576.00
Recycled Water Division	\$	380,736.71	\$	2,473,023.15	\$ 2,853,759.86
Total	\$	9,638,546.59	\$	(2,216,172.58)	\$ 7,422,374.01

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.

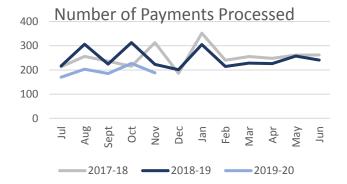
The Cash Flow Report provides a list of the debt service payment due dates and amounts as well as the cash flow requirements for debt service for each month of the fiscal year.

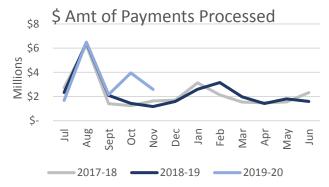
Cash Disbursement Report

[Detailed information can be found on pages 9 to 13 of 25]

The cash disbursement report lists each check and electronic payment processed during the month of November 2019. 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	An	nount Processed
Checks	173	\$	1,984,080.29
Electronic Payments	15	\$	601,935.59
Total	188	\$	2,586,015.88





Financial Account Information

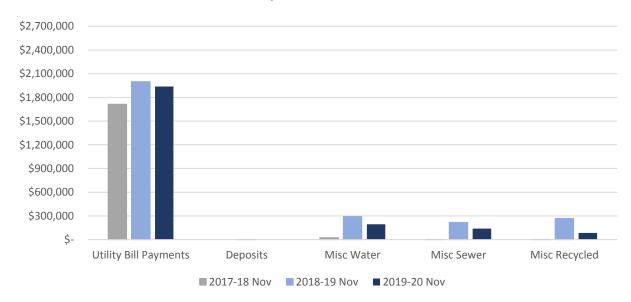
The District currently deposits all revenue received via mail or in person into the Deposit Checking account. All revenue received through Xpress Bill Pay is kept in a separate account and transferred weekly to the Deposit Checking account. The General Checking account is used as a sole processing account 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	\$ 1,937,663.94
Deposits	\$ 0.00
Misc. Water Related Activities	\$ 194,763.72
Misc. Sewer Related Activities	\$ 140,191.42
Misc. Recycled Related Activities	\$ 84,135.40
Total	\$ 2,356,754.48

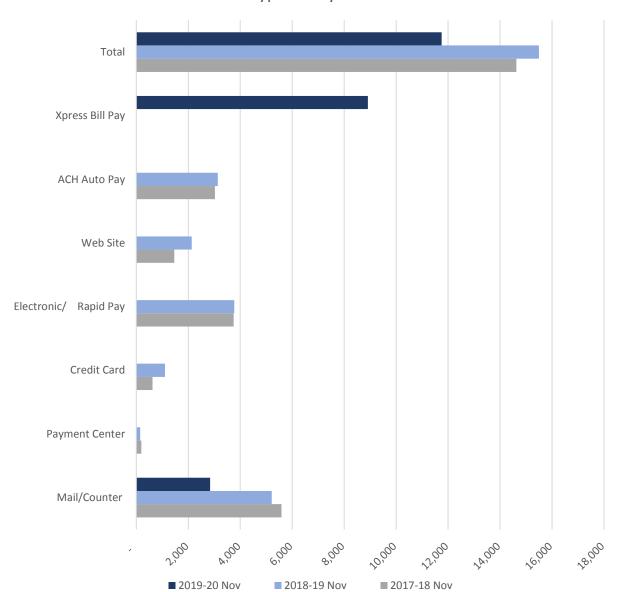
Monthly Revenue Allocation



Summary of Utility Bill Payments:

Payment Method	Number of Payments	% of Total Received
Mail/Counter	2,839	24.15%
Xpress Bill Pay	8,915	75.85%
Total	11,754	100.00%

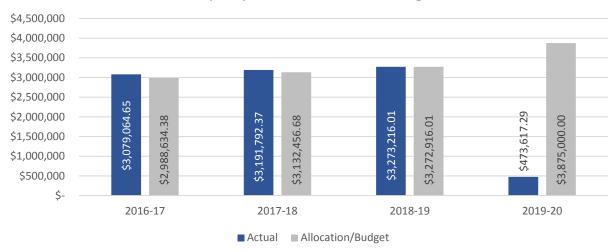




Summary of Property Tax Revenue:

Current Month	Year-to-Date	Budget Amount	Percentage
Property Taxes	\$ 473,617	\$ 3,875,000	12.22%

Property Taxes - Actual vs. Budget



Investment Summary

[Detailed information can be found on pages 14 to 15 of 25]

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 16 to 25 of 25]

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 November 30, 2019 (34% of Budget Cycle)										
Division	Cu	rrent Month	•	Year-to-Date	Вι	idget Amount	Percentage			
Water	\$	1,512,156	\$	5,400,542	\$	14,455,500	37.36%			
Sewer	\$	1,007,270	\$	4,503,224	\$	12,217,712	36.86%			
Recycled Water	\$	104,541	\$	454,847	\$	1,301,447	34.95%			
District Revenue	\$	2,623,967	\$	10,358,613	\$	27,974,659	37.03%			

Summary of Water Budget vs. Expenses										
As of November 30, 2019 (34% of Budget Cycle)										
Department	Cu	rrent Month)	ear-to-Date	Βu	idget Amount	Percentage			
Water Resources	\$	365,438	\$	2,070,606	\$	5,220,192	39.67%			
Public Works	\$	329,986	\$	1,413,235	\$	3,176,293	44.49%			
Administration	\$	253,178	\$	1,531,661	\$	3,756,403	40.77%			
Long Term Debt	\$	-	\$	1,745,648	\$	2,292,612	76.14%			
Asset Acquisition	\$	-	\$	-	\$	-	0.00%			
TOTAL	\$	948,603	\$	6,761,150	\$	14,445,500	46.80%			

Summary of Sewer Budget vs. Expenses											
As of November 30, 2019 (34% of Budget Cycle) Department Current Month Year-to-Date Budget Amount Percentage											
Treatment	\$	303,314	\$	1,749,742	\$	4,198,162	41.68%				
Administration	\$	243,904	\$	1,331,769	\$	2,803,515	47.50%				
Environmental Control	\$	116,079	\$	552,457	\$	1,382,316	39.97%				
Long Term Debt	\$	-	\$	2,923,669	\$	3,833,719	76.26%				
Asset Acquisition	\$	-	\$	-	\$	-	0.00%				
TOTAL	\$	663,297	\$	6,557,636	\$	12,217,712	53.67%				

Summary of Recycled Water Budget vs. Expenses As of November 30, 2019 (34% of Budget Cycle)										
Department			rent Month	•	Year-to-Date		udget Amount	Percentage		
Administration		\$	101,521	\$	479,821	\$	1,301,447	36.87%		
	TOTAL	\$	101,521	\$	479,821	\$	1,301,447	36.87%		
District Expenses		\$	1,713,421	\$	13,798,607	\$	27,964,659	49.34%		

Cash Fund Balance Report - November 2019

	Water Division	GL#	Balance
	*ID 1 Construction Funds	\$ 293,145.85	
	*ID 2 Construction Funds	02-10217	\$ 80,409.31
þe	*FCC - Debt Service YVRWFF Phase I	02-10401	\$ (5,785,500.05)
ict	*FCC - Future YVRWFF Phase II & III	02-10403	\$ 549,037.18
Restricted	*FCC - Recycled System	02-10410	\$ (665,102.64)
ď	*FCC - Booster Pumping Plants	\$ 903,919.70	
	*FCC - Pipeline Facilities	\$ 822,051.68	
	*FCC - Water Storage Reservoirs	02-10413	\$ 2,521,031.13
	Depreciation Reserves	02-10310	\$ 882,126.28
	Infrastructure Reserves	02-10311	\$ 2,597,794.87
ţį	Sustainability Fund	02-10313	\$ 135,708.86
Operating	Rate Stabilization Fund	02-10314	\$ 500,209.14
þ	Imported Water Fund - MUNI	\$ 626,636.53	
•	Imported Water Fund - SGPWA	02-10316	\$ 884,591.93
	Operating Funds:	_	\$ (3,458,021.62)
	•	Total Water Division	\$ 888.038.15

	Sewer Division	GL#	Balance
	*SRF Reserve Fund - Brineline	\$ 637,449.00	
	*SRF Reserve Fund - WISE	03-10219	\$ 184,928.00
	*SRF Reserve Fund - R 10.3	03-10220	\$ 51,531.00
ba	*SRF Reserve Fund - Crow St	03-10221	\$ 19,255.00
<u> </u>	*FCC - Debt Service WWTP Expansion & Upgrade	03-10405	\$ 3,011,066.58
Restricted	*FCC - Future WWTP Expansion	03-10407	\$ 2,215,577.27
~	*FCC - Sewer Interceptors	03-10415	\$ (624,449.91)
	*FCC - Lift Stations	03-10416	\$ 430,326.31
	*FCC - Effluent Disposal Facilities	03-10417	\$ (1,356,439.00)
	*FCC - Salt Mitigation Facilities	03-10418	\$ (7,977,432.14)
	Project Fund - Encumbered	03-10215	\$ 646,500.00
Operating	Depreciation Reserves	03-10310	\$ 4,047,780.83
era Bra	Infrastructure Reserves	03-10311	\$ 4,021,018.28
	Rate Stabilization Fund	03-10314	\$ 1,464,394.90
	Operating Funds:	_	\$ (3,090,930.12)
	Total Wa	stewater Division	\$ 3,680,576.00

	Recycled Water Division	GL#	Balance
þe	*FCC - Recycled System	04-10410	\$ 231,205.77
icted	*FCC - Booster Pumping Plants	04-10411	\$ 180,398.40
Restr	*FCC - Pipeline Facilities	04-10412	\$ 1,113,000.59
~~	*FCC - Water Storage Reservoirs	04-10413	\$ 948,418.39
þ	Project Fund - Encumbered	04-10215	\$ -
perating	Depreciation Reserves	04-10310	\$ 27,994.09
Je	Infrastructure Reserves	04-10311	\$ 292,492.31
Ō	Operating Funds:	_	\$ 60,250.31
	-	Total Recycled Water Division	\$ 2,853,759.86

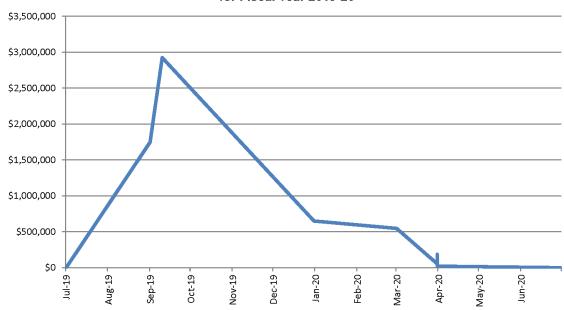
DISTRICT TOTAL \$ 7,422,374.01

^{*=}Restricted Funds

Cash Flow Report for Fiscal Year 2019-20

Financial Obligations for Fiscal Year 2019-20									
			Term of						
Due Date	Fund	Description	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	_		
Check Date	Number	Payee		Amount
11/4/2019	35745	All American Sewer Tools	\$	675.99
11/4/2019	35746	Alpine Springs	\$	222.40
11/4/2019	35747	Ameripride Uniform Services	\$ \$	1,197.15
11/4/2019	35748	Aqua-Metric Sales Company		12,858.08
11/4/2019	35749	Arrow Staffing	\$	1,912.24
11/4/2019	35750	Auto Care Clinic	\$	93.23
11/4/2019	35751	AutoZone Stores LLC	\$	296.56
11/4/2019	35752	Avista Technologies, Inc.	\$	20,903.60
11/4/2019	35753	Best Home Center	\$	16.25
11/4/2019	35754	Brenntag Pacific, Inc	\$	9,991.55
11/4/2019	35755	BSK Associates	\$ \$ \$	2,085.00
11/4/2019	35756	California Water Environment Association	\$	384.00
11/4/2019	35757	Caselle, Inc.		58,007.00
11/4/2019	35758	Clinical Laboratory of San Bernardino	\$	8,359.00
11/4/2019	35759	Cole-Parmer	\$	433.24
11/4/2019	35760	DC Frost Associates, Inc.	\$	234.42
11/4/2019	35761	Hach Company	\$	5,163.57
11/4/2019	35762	House Of Quality, Parts Plus	\$	215.00
11/4/2019	35763	Houston & Harris PCS, Inc.	\$	1,900.00
11/4/2019	35764	Inland Water Works Supply Co.	\$ \$ \$	471.95
11/4/2019	35765	JW D'Angelo Co.	\$	11,554.17
11/4/2019	35766	Krieger & Stewart		35,467.84
11/4/2019	35767	Les Schwab Tire Center	\$	584.48
11/4/2019	35768	Merit Oil Company	\$	2,688.13
11/4/2019	35769	Nalco Company	\$	10,328.10
11/4/2019	35770	Pacific Coast Landscape & Design, Inc.	\$	6,325.00
11/4/2019	35771	Platinum Advisors, LLC	\$	125.00
11/4/2019	35772	Ponton Industries, Inc	\$	15,670.08
11/4/2019	35773	Pro-Pipe & Supply, Inc.	\$ \$ \$	57.70
11/4/2019	35774	Quinn Company	\$	3,439.40
11/4/2019	35775	Red Alert Special Couriers	\$	1,195.26
11/4/2019	35776	Redline	\$	1,178.86
11/4/2019	35777	SCCI, Inc.	\$	300.00
11/4/2019	35778	Schaner's WasteWater Prod., Inc	\$	2,698.77
11/4/2019	35779	Southern CA Emergency Medicine, Inc.	\$	75.00
11/4/2019	35780	The Gas Company	\$	79.87
11/4/2019	35781	Titan Electric	\$	8,250.00
11/4/2019	35782	TPX Communications	\$	2,657.75
11/4/2019	35783	Underground Service Alert Of So. CA	\$	318.55
11/4/2019	35784	United Rentals Inc.	\$ \$	1,095.10
11/4/2019	35785	Watereuse Association	\$	2,086.50
11/8/2019	35786	Denise Howard	\$	1,519.53
11/12/2019	35787	Action Rentals	\$	60.00
11/12/2019	35788	Ameripride Uniform Services	\$	868.47
11/12/2019	35789	Arrow Staffing	\$	2,126.40
11/12/2019	35790	Auto Care Clinic	\$	597.53
11/12/2019	35791	Best Home Center	\$	38.63

	Check	_		
Check Date	Number	Payee		Amount
11/12/2019	35792	Brenntag Pacific, Inc	\$	23,087.42
11/12/2019	35793	Caselle, Inc.	\$	2,170.00
11/12/2019	35794	Corelogic, Inc.	\$ \$	330.00
11/12/2019	35795	Coverall North America, Inc.	\$	1,021.00
11/12/2019	35796	Crown Ace Hardware - Yucaipa	\$	18.49
11/12/2019	35797	Custom Concrete System	\$	6,600.00
11/12/2019	35798	Eurofins Eaton Analytical, Inc.	\$	9,600.00
11/12/2019	35799	First American Data Tree, LLC	\$	50.00
11/12/2019	35800	Frontier Communications	\$	163.26
11/12/2019	35801	G&G Environmental Compliance,Inc	\$	4,149.01
11/12/2019	35802	House Of Quality, Parts Plus	\$	80.50
11/12/2019	35803	Houston & Harris PCS, Inc.	\$ \$	1,800.00
11/12/2019	35804	InfoSend, Inc.		33,937.62
11/12/2019	35805	Instrument & Valve Services Company	\$	1,862.65
11/12/2019	35806	JB Paving & Engineering, Inc.	\$	19,000.00
11/12/2019	35807	JW D'Angelo Co.	\$	1,959.06
11/12/2019	35808	Konica Minolta Business Solutions	\$	1,332.20
11/12/2019	35809	Lowe's Companies, Inc.	\$	853.23
11/12/2019	35810	Lucas D'Aon	\$	79.78
11/12/2019	35811	MBC Applied Environmental Sciences	\$	1,350.00
11/12/2019	35812	Merit Oil Company	\$	5,013.32
11/12/2019	35813	Nautilus Environmental, Inc.	\$	1,500.00
11/12/2019	35814	Nautilus Environmental, Inc.	\$	1,500.00
11/12/2019	35815	Nearmap US Inc.	\$	6,000.00
11/12/2019	35816	Pro-Pipe & Supply, Inc.	\$ \$	979.80
11/12/2019	35817	Q Versa, LLC	\$	945.00
11/12/2019	35818	Redlands-Yucaipa Rentals Inc.	\$	254.10
11/12/2019	35819	Risk Sciences	\$	808.13
11/12/2019	35820	San Bernardino County	\$	330.75
11/12/2019	35821	SCCI, Inc.	\$	955.00
11/12/2019	35822	Separation Processes, Inc.	\$	4,168.50
11/12/2019	35823	Shanna Gorssich	\$	95.49
11/12/2019	35824	The Counseling Team International	\$	300.00
11/12/2019	35825	Yucaipa Disposal, Inc.	\$	4,561.32
11/12/2019	35826	Yucaipa/Calimesa News Mirror	\$	201.50
11/12/2019	35827	Yucaipa-Calimesa Joint Unified School Di	\$	890.00
11/8/2019	35828	California State Disbursement Unit	\$	743.52
11/8/2019	35829	IBEW Local #1436	\$	580.00
11/8/2019	35830	WageWorks Inc	\$	1,340.00
11/18/2019	35831	David L. Wysocki	\$	3,712.50
11/18/2019	35832	Delta Partners, LLC	\$	7,500.00
11/18/2019	35833	Dudek & Associates, Inc	\$	13,459.10
11/18/2019	35834	Eide Bailly LLP	\$	21,300.00
11/18/2019	35835	Forstra Filters, Inc.	\$	167,990.33
11/18/2019	35836	One Stop Landscape Supply Inc	\$	21,160.50
11/18/2019	35837	Separation Processes, Inc.	\$	11,091.22
11/18/2019	35838	Alliant Insurance Services, Inc.	\$	7,019.20

	Check		
Check Date	Number	Payee	Amount
11/18/2019	35839	Ameripride Uniform Services	\$ 899.13
11/18/2019	35840	Arrow Staffing	\$ 2,126.40
11/18/2019	35841	Assoc. SB Cty Special Districts	\$ 272.00
11/18/2019	35842	Best Home Center	\$ 36.06
11/18/2019	35843	BofA Credit Card	\$ 1,491.84
11/18/2019	35844	BSK Associates	\$ 1,005.00
11/18/2019	35845	California Association of Sanitation Age	\$ 16,711.00
11/18/2019	35846	California Water Environment Association	\$ 384.00
11/18/2019	35847	Cemex Inc. USA	\$ 2,044.56
11/18/2019	35848	Contron Scada Systems	\$ 4,227.47
11/18/2019	35849	Coverall North America, Inc.	\$ 310.00
11/18/2019	35850	Custom Metal Fabrication	\$ 285.00
11/18/2019	35851	Eurofins Eaton Analytical, Inc.	\$ 600.00
11/18/2019	35852	Evoqua Water Technologies LLC	\$ 2,057.69
11/18/2019	35853	Fastenal Company	\$ 1,015.07
11/18/2019	35854	Harrington Ind. Plastic, LLC	\$ 190.34
11/18/2019	35855	Hasa, Inc.	\$ 3,705.31
11/18/2019	35856	House Of Quality, Parts Plus	\$ 23.12
11/18/2019	35857	Hub Construction Specialties Inc	\$ 224.68
11/18/2019	35858	Joseph Preston	\$ 3,729.12
11/18/2019	35859	Koritas Tires Inc.	\$ 15.00
11/18/2019	35860	Les Schwab Tire Center	\$ 483.82
11/18/2019	35861	Merit Oil Company	\$ 3,116.72
11/18/2019	35862	NOSHAQ PROPERTIES LLC	\$ 88.97
11/18/2019	35863	Polydyne Inc.	\$ 3,462.86
11/18/2019	35864	Q Versa, LLC	\$ 3,840.00
11/18/2019	35865	Red Alert Special Couriers	\$ 1,195.26
11/18/2019	35866	Redlands Ford	\$ 53.68
11/18/2019	35867	SB CNTY-Solid Waste Mgmt Div	\$ 151.65
11/18/2019	35868	Smart & Final Stores LLC	\$ 195.02
11/18/2019	35869	Smith & Loveless, Inc.	\$ 4,670.98
11/18/2019	35870	Southern California Edison	\$ 5,182.11
11/18/2019	35871	Spectrum Business	\$ 1,834.00
11/18/2019	35872	State Water Resources Control Board	\$ 54,100.00
11/18/2019	35873	Studio Orange Street	\$ 300.00
11/18/2019	35874	Time Warner Cable	\$ 281.30
11/22/2019	35875	Aflac	\$ 3,019.68
11/22/2019	35876	California State Disbursement Unit	\$ 743.52
11/22/2019	35877	FRANCHISE TAX BOARD	\$ 100.00
11/22/2019	35878	WageWorks Inc	\$
		Western Dental Services Inc	1,340.00
11/22/2019	35879		\$ 251.16
11/25/2019	35880	All American Sewer Tools	\$ 2,296.22
11/25/2019	35881	Alpine Springs	\$ 62.45
11/25/2019	35882	American Water Works Assoc.	\$ 4,269.00
11/25/2019	35883	Ameripride Uniform Services	\$ 874.39
11/25/2019	35884	Arrow Staffing	\$ 1,416.83
11/25/2019	35885	AT&T Mobility	\$ 2,467.79

	Check			
Check Date	Number	Payee		Amount
11/25/2019	35886	AutoZone Stores LLC	\$	25.82
11/25/2019	35887	Best Home Center	\$	31.72
11/25/2019	35888	Brenntag Pacific, Inc	\$	6,552.22
11/25/2019	35889	California Water Environment Association	\$	192.00
11/25/2019	35890	Environmental Systems Research Institute	\$	49,000.00
11/25/2019	35891	Frontier Communications/CMR Claims Dept	\$	160.02
11/25/2019	35892	House Of Quality, Parts Plus	\$	57.93
11/25/2019	35893	Houston & Harris PCS, Inc.	\$	2,500.00
11/25/2019	35894	InfoSend, Inc.	\$	1,799.74
11/25/2019	35895	JB Paving & Engineering, Inc.	\$	58,543.00
11/25/2019	35896	JW D'Angelo Co.	\$	633.57
11/25/2019	35897	Leighton Consulting, Inc.	\$	9,995.00
11/25/2019	35898	Merit Oil Company	\$	3,229.99
11/25/2019	35899	NetComp Technologies,Inc.	\$	2,600.00
11/25/2019	35900	Novotx	\$	73,000.00
11/25/2019	35901	Pacific Coast Landscape & Design, Inc.	\$	6,325.00
11/25/2019	35902	Pro-Pipe & Supply, Inc.	\$	93.73
11/25/2019	35903	R.F MacDonald Co.	\$	1,650.00
11/25/2019	35904	RivCo Parks	\$	6,100.00
11/25/2019	35905	SCCI, Inc.	\$	300.00
11/25/2019	35906	SCE Rosemead	\$	227,833.40
11/25/2019	35907	Schaner's WasteWater Prod., Inc	\$	2,728.37
11/25/2019	35908	Spectrum Business	\$	4,483.00
11/25/2019	35909	State Water Resources Control Board	\$	2,625.00
11/25/2019	35910	State Water Resources Control Board	\$	649,273.50
11/25/2019	35911	Steven R. Smith, MSREA, MAI, SRA	\$	2,950.00
11/22/2019	35912	Blue Shield of California	\$	3,703.40
11/22/2019	35913	CalPERS Health Insurance	\$	95,074.24
11/22/2019	35914	Nippon Life Insurance Co	\$	2,806.25
11/22/2019	35915	Standard Dental Insurance Co	\$	1,552.24
11/22/2019	35916	Standard Insurance Vision Plan	\$	274.60
11/25/2019	35917	WageWorks, Inc.	\$	186.50
			\$	1,984,080.29
11/8/2019	electronic pmt	CalPERS 457 & Loan	\$	27,969.36
11/8/2019	electronic pmt	CalPERS Retirement	\$	30,828.27
11/8/2019	electronic pmt	EDD - State of California	\$	9,963.23
11/8/2019	electronic pmt	IRS	\$	57,618.70
11/8/2019	electronic pmt	Payroll Direct Deposit	\$	145,780.06
11/8/2019	electronic pmt	VOYA 457 Retirement Plan	\$	5,071.64
11/21/2019	electronic pmt	EDD - State of California	\$	910.90
11/21/2019	electronic pmt	IRS	\$	10,841.83
11/21/2019	electronic pmt	Payroll-Comp Time Cash Out	\$	40,222.48
11/22/2019	electronic pmt	CalPERS 457 & Loan	\$	24,971.62
11/22/2019	electronic pmt	CalPERS Retirement	\$	31,128.05
11/22/2019	electronic pmt	EDD - State of California	\$	10,316.05
			_	,

Check

Check Date	Number	Payee	Amount
11/22/2019	electronic pmt	IRS	\$ 56,649.09
11/22/2019	electronic pmt	Payroll Direct Deposit	\$ 146,067.67
11/22/2019	electronic pmt	VOYA 457 Retirement Plan	\$ 3,596.64
			\$ 601,935.59

Investment Summary - November 2019

U.S. TREASURIES

Quantity	Description	Cusip	Maturity Date	Yield	Cos	t of Purchase	М	arket Value
500,000	US Treasury Bill	912796SV2	June 18, 2020	2.150%	\$	491,590.83	\$	523,527.49
500,000			Total Values		\$	491,590.83	\$	523,527.49
Money Marke	et Account Activity-Beg	inning Balance	e				\$	28,390.56
	7/31/17 - Bond Interes	t					\$	_
	7/31/18 - Dividend/Inte	rest					\$	1.93
	Cusip 912796QM4 Acc	rued Interest P	aid					
	Business Account Fee							
	Income						\$	1.93
	Intra-Bank Transfers to	/from Investme	nt Checking				\$	-
	Fund Transfers						\$	-
	Cusip Maturity							
	Redemptions						\$	-
	Cusip Purchase							
	Purchases						\$	-
Ending Balar	nce - Money Market						\$	28,392.49
US Treasury	Securities Investment	Principal					\$	491,590.83
Total Assets							\$	519,983.32

Note: As of 12/2/19, the updated treasury information for November has not been received. The information above is as of 10/31/19.

Investment Summary - November 2019

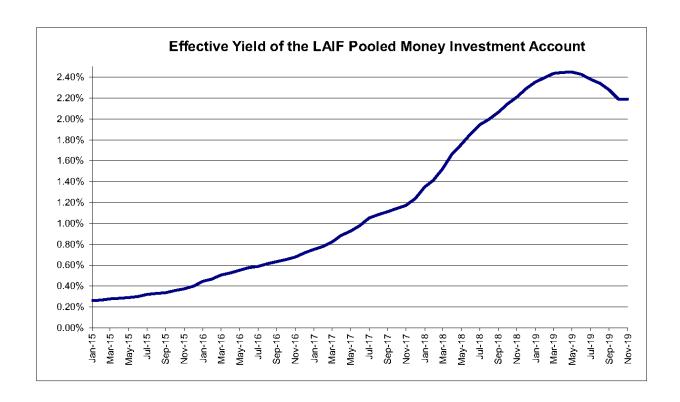
LOCAL AGENCY INVESTMENT FUND

PERIOD	W	TOTAL /ITHDRAWAL AMOUNT	тс	TAL DEPOSIT AMOUNT	I	ACCRUED NTEREST JARTERLY)	ENI	DING 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	\$	-	\$	-	\$	-	\$	6,497,972.17
January 31, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17
February 28, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17
March 31, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17
April 30, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17
May 31, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17
June 30, 2020	\$	-	\$	-	\$	-	\$	6,497,972.17

L.A.I.F. INCOME SUMMARY

INCOME RECEIVED

CURRENT QUARTER FY YEAR-TO-DATE\$ 54,200.09 \$ 110,527.49



FY 2019-20 Water Revenue									
G/L								0.4	
ACCOUNT#	DESCRIPTION		BUDGET		Nov '19		ear to Date	%	
	Sales-Water & Non Potable	\$	5,600,000	\$	558,652	\$	4,400,258	78.58%	
02-400-40011	Sales-Construction Water	\$	100,000	\$	6,685	\$	13,738	13.74%	
	Sales-Imported Water-SGPWA	\$	250,000	\$	53,013	\$	270,808	108.32%	
<u> </u>	Sales-Imported Water-MUNI	\$	850,000	\$	69,402	\$	261,415	30.75%	
	Sales-Disc (Multi Unit) Commdy	\$	(110,000)		(7,025)	\$	(46,306)	42.10%	
	Sales-Wholesale Water	\$	200,000	\$	10,686	\$	33,516	16.76%	
	Sales-Establish Service Fee	\$	6,000	\$	400	\$	2,800	46.67%	
	Sales-Service Demand Charges	\$	3,500,000	\$	274,739	\$	1,202,258	34.35%	
L	Sales-Fire Srv Standby Fees	\$	40,000	\$	44,150	\$	55,196	137.99%	
<u> </u>	Sales-Const Water Minimum Chg	\$	5,000	\$	275	\$	299	5.97%	
	Sales-Disc (Multi Units)-SC	\$	(135,000)		(11,077)	\$	(50,179)	37.17%	
L	Unauthorized Use of Water Chrg	\$	2,000	\$	-	\$	-	0.00%	
	Meter/Lateral Installation	\$	100,000	\$	15,230	\$	101,920	101.92%	
02-400-41112	Fire Flow Test Fees	\$	4,500	\$	300	\$	2,100	46.67%	
	Disconnect & Reconnect Fees	\$	100,000	\$	3,225	\$	20,225	20.23%	
02-400-41121	Delinquent Payment Charges	\$	135,000	\$	8,568	\$	61,068	45.24%	
02-400-41124	Bad Debt Write-Off & Recovery	\$	(20,000)	\$	-	\$	-	0.00%	
02-421-42122	Revenue - Other, Operating	\$	-	\$	-	\$	156	N/A	
02-421-42123	Admin, Management & Acctg Fees	\$	210,000	\$	17,500	\$	87,500	41.67%	
	Interest Earned	\$	115,000	\$	1,004	\$	30,318	26.36%	
	Property Tax - Unsecured	\$	250,000	\$	108,874	\$	117,027	46.81%	
	Property Tax - Secured	\$	3,000,000	\$	329,263	\$	329,263	10.98%	
	Tax Collection - Prior	\$	45,000	\$	23,923	\$	23,923	53.16%	
02-431-43140	Taxes - Other	\$	180,000	\$	3,421	\$	7,387	4.10%	
	Rental Income	\$	3,000	\$	-	\$	-	0.00%	
02-491-49150	Revenue - Misc Non-Operating	\$	25,000	\$	946	\$	4,338	17.35%	
	WATER OPERATING REVENUE	\$	14,455,500	\$	1,512,156	\$	6,929,028	47.93%	
<u> </u>	Transfer - Reserve Fund	\$				\$	i		
	mansier - Neserve Funu	φ 				φ	-		
02-480-48002	Grants	\$	700,000	\$	-	\$	<u> </u>	0.00%	
02-480-48901	Contrib Cap-Capacity Fees	\$	-	\$	149,415	\$	45,964	N/A	
	Contrib Cap-Sustainability	\$		\$	4,554	\$	49,820	N/A	
	TOTAL WATER REVENUE	\$	15,155,500	\$	1,666,126	\$	7,024,813	46.35%	

NOTE: Plan check & inspection fees to 02-42122

	FY 2019-20 S	ev	ver Revenue				
G/L							
ACCOUNT#	DESCRIPTION		BUDGET	Nov '19	Υ	ear to Date	%
03-400-40016	Sales-Establish Service Fee	\$	500	\$ 50	\$	50	10.00%
03-400-41000	Sales-Sewer Charges	\$	12,132,712	\$ 1,004,851	\$	4,480,961	36.93%
03-400-41005	Sales-Disc (Multi Units)-SC	\$	(200,000)	\$ (18,005)	\$	(82,912)	41.46%
03-400-41110	Meter/Lateral Installation	\$	15,000	\$ 2,500	\$	2,500	16.67%
03-400-41121	Penalty - Late Charges	\$	125,000	\$ 9,504	\$	58,619	46.90%
03-400-41124	Bad Debt Write-Off & Recovery	\$	(15,000)	\$ -	\$	-	0.00%
03-400-41131	Front Footage Fees	\$	55,000	\$ 7,500	\$	7,500	13.64%
03-421-42122	Revenue - Other, Operating	\$	2,000	\$ 870	\$	12,116	605.80%
03-430-43010	Interest Earned	\$	100,000	\$ -	\$	24,390	24.39%
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	\$	2,500	\$ -	\$	-	0.00%
	SEWER OPERATING REVENUE	\$	12,217,712	\$ 1,007,270	\$	4,503,224	36.86%
03-480-48002	Grants	\$	-	\$ -	\$	-	-
03-480-48901	Contrib Cap-Capacity Fees	\$	-	\$ 108,730	\$	777,547	-
03-480-48905	Contrib Cap-Infrastructure	\$	-	\$ 21,000	\$	124,500	-
	TOTAL SEWER REVENUE	\$	12,217,712	\$ 1,137,000	\$	5,405,271	44.24%

	FY 2019-20 Recyc	cled	Revenue	;		I	
G/L ACCOUNT#	DESCRIPTION		BUDGET		Nov '19	Year to Date	%
04-400-40010	Sales-Water & Non Potable	\$	663,947	\$	87,041	\$ 1,069,951	161.15%
04-400-40011	Sales-Construction Water	\$	45,000	\$	-	\$ 45	0.10%
04-400-41000	Sales-Service Demand Charges	\$	90,000	\$	10,228	\$ 39,585	43.98%
04-400-41003	Sales-Const Water Minimum Chg	\$	1,000	\$	111	\$ 111	11.08%
04-400-41110	Meter/Lateral Installation	\$	70,000	\$	6,986	\$ 44,067	62.95%
04-400-41121	Penalty - Late Charges	\$	5,000	\$	174	\$ 2,239	44.77%
04-400-41122	Revenue - Other, Operating	\$	500	\$	-	\$ -	0.00%
04-430-43010	Interest Earned	\$	25,000	\$	-	\$ 5,420	21.68%
	Property Tax - Unsecured	\$	-	\$	-	\$ 	N/A
04-431-43120	Property Tax - Secured	\$	400,000	\$	-	\$ - I	0.00%
	Tax Collection - Prior	\$	-	\$	-	\$ -	N/A
04-431-43140		\$	-	\$	-	\$ -	N/A
04-491-49150	Revenue-Misc Non-Operating	\$	1,000	\$	-	\$ (1)	-0.07%
	RECYCLED OPERATING REVENUE	\$	1,301,447	\$	104,541	\$ 1,161,416	89.24%
04-480-48002	Grants	\$	-	\$	-	\$ 	N/A
04-480-48901	Contrib Cap-Capacity Fees	\$	-	\$	77,143	\$ 639,085	N/A
	TOTAL RECYCLED REVENUE	\$	1,301,447	\$	181,683	\$ 1,800,502	138.35%

	FY 2019-20	Wa	ater Expens	ses				
G/L ACCOUNT								
#	DESCRIPTION		BUDGET		Nov '19	Υ	ear to Date	%
02-501-50010	Labor	\$	1,222,703	è	94,476	\$	363,163	29.70%
02-501-50011	Labor - Credit	\$	-	\$	-	\$	-	N/A
02-501-50013	Benefits-FICA	\$	93,537	\$	8,558	\$	33,483	35.80%
02-501-50014	Benefits-Life Insurance	\$	6,264	\$	123	\$	840	13.41%
02-501-50016	Benefits-Health & Def Comp	\$	251,826	\$	18,498	\$	102,747	40.80%
02-501-50017	Benefits-Disability Insurance	\$	11,004	\$	1,290	\$	7,261	65.99%
02-501-50019	Benefits-Workers Compensation	\$	33,013	\$	-	\$	2,580	7.82%
02-501-50021	Benefits-PERS Employee	\$	-	\$	-	\$	-	N/A
02-501-50022	Benefits-PERS Employer	\$	183,405	\$	5,895	\$	27,402	14.94%
02-501-50023	Benefits-Uniforms	\$	6,525	\$	120	\$	2,802	42.95%
02-501-50024	Benefits-Vacation & Sick Pay	\$	8,000	\$	7,244	\$	39,253	490.66%
02-501-50025	Benefits-Boots	\$	8,415	\$	-	\$	2,700	32.09%
02-501-51003	R&M - Structures	\$	300,000	\$	2,344	\$	116,477	38.83%
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	\$	-	\$	445	14.84%
	Utilities - Power Purchases	\$	1,300,000	\$	133,016	\$	608,418	46.80%
02-501-51211	Utilities - Electricity	\$	5,000	\$	222	\$	1,249	24.97%
	Imported Water Purchases	\$	1,075,000	\$		\$	495,444	46.09%
	Licenses & Permits	\$	65,000	\$	2,572	\$	3,764	5.79%
	Laboratory Services	\$	77,500	b	-	\$	16,511	21.30%
<u> </u>	YVRWFF-Crystal Creek Exp	\$	550,000		10,896	\$	245,836	44.70%
	WATER RESOURCE TOTALS		5,220,192	b	365,438		2,070,606	39.67%
				ļ				
	Labor	\$	1,593,344	\$		\$	640,777	40.22%
02-503-50011		\$	-	\$	(340)		(787)	
02-503-50013	<u> </u>	\$	121,891	\$	15,542	\$	57,631	47.28%
j	Benefits-Life Insurance	\$	10,440	è		\$	1,751	16.77%
	Benefits-Health & Def Comp	\$	425,106			\$	232,868	54.78%
!	Benefits-Disability Insurance	\$	14,340		2,325	\$	10,276	71.66%
02-503-50019	Benefits-Workers Compensation	\$	43,020	\$	-	\$	2,798	6.50%
	Benefits-PERS Employee	\$		\$	-	\$	-	N/A
02-503-50022	Benefits-PERS Employer	\$	239,002	\$	11,456	\$	49,940	20.90%
	Benefits-Uniforms	\$	10,875	\$	402	\$	7,762	71.38%
02-503-50024	Benefits-Vacation & Sick Pay	\$	4,000	\$	21,990	\$	59,197	1479.94%
I	Benefits-Boots	\$	32,775	\$	-	\$	9,000	27.46%
02-503-51001	R&M - Vehicles & Equipment	\$	207,500	\$	3,559	\$	93,174	44.90%
02-503-51011	R&M - Valves	\$	5,000	\$	300	\$	1,629	32.57%
02-503-51020	R&M - Pipelines	\$	200,000	\$	53,037	\$	193,082	96.54%
02-503-51021	R&M - Service Lines	\$	96,000	\$	12,293	\$	31,178	32.48%
02-503-51022	R&M - Fire Hydrants	\$	50,000	\$	_	\$	763	1.53%
02-503-51029	Repair & Maintenance-Backflow	\$	65,000	\$	-	\$	16,664	25.64%
02-503-51030	R&M - Meters	\$	30,000	\$	36	\$	1,710	5.70%
02-503-51031	R&M - Fire Flow Testing	\$	25,000	\$	-	\$	4,124	16.50%
02-503-51092	Equipment Credits	\$	_	\$	(158)	\$	(969)	N/A

	FY 2019-20	Wa	ater Expens	ses				
G/L ACCOUNT	DECORIDATION		DUDGET		N 140	V	4- D-4-	97
#	DESCRIPTION		BUDGET	è	Nov '19		ear to Date	%
02-503-51140	General Supplies & Expenses	\$	3,000	÷	26	\$	666	22.19%
	PUBLIC WORKS TOTALS	\$	3,176,293	\$	329,986	\$	1,413,235	44.49%
02-506-50010	Labor	\$	616,295	\$	63,083	\$	248,933	40.39%
02-506-50011	Labor - Credit	\$		\$		\$		N/A
02-506-50012	Director Fees	\$	26,000	\$	4,958	\$	12,665	48.71%
02-506-50013	Benefits-FICA	\$	47,147	\$	4,953	\$	21,145	44.85%
02-506-50014	Benefits-Life Insurance	\$	3,120	\$	79	\$	546	17.49%
02-506-50016	Benefits-Health & Def Comp	\$	130,980	\$	18,555	\$	90,180	68.85%
02-506-50017	Benefits-Disability Insurance	\$	5,547	\$	902	\$	3,909	70.46%
02-506-50019	Benefits-Workers Compensation	\$	16,640	\$		\$	1,591	9.56%
02-506-50021	Benefits-PERS Employee	\$	-	\$	-	\$	-	N/A
02-506-50022	Benefits-PERS Employer	\$	92,444	\$	5,093	\$	22,292	24.11%
02-506-50023	Benefits-Uniforms	\$	3,250	\$	106	\$	2,191	67.41%
02-506-50024	Benefits-Vacation & Sick Pay	\$	10,000	\$	4,723	\$	19,100	191.00%
02-506-50025	Benefits-Boots	\$	1,950	è		\$	3,300	169.23%
02-506-51003	R&M - Structures	\$	35,000	\$		\$	5,993	17.12%
02-506-51091	Expense Credits (overhead)	\$		\$	(11)		(372)	N/A
	Safety Equipment & Supplies	\$	25,000	\$		\$	4,066	16.26%
02-506-51125		\$	150,000	\$	4,347	\$	62,495	41.66%
02-506-51130	Office Supplies & Expenses	\$	35,000	\$		\$	6,314	18.04%
02-506-51140	General Supplies & Expenses	\$	40,000	\$		\$	6,495	16.24%
02-506-51199		\$		\$		\$		N/A
02-506-51211	Utilities - Electricity	\$	32,000	\$	2,127	\$	15,212	47.54%
	Utilities - Natural Gas	\$	2,000	\$		\$	125	6.26%
	Dues & Subscriptions	\$	30,000	\$	5,318	\$	10,241	34.14%
	Computer Expenses	\$	145,000	\$	300	\$	44,552	30.73%
02-506-54010	(\$	10,000	\$		\$	74	0.74%
02-506-54011	Printing & Publications	\$		\$		\$		N/A
	Education & Training	\$	20,000	\$	514	\$	4,185	20.92%
	Utility Billing Expenses	\$	185,000	<u></u>	9,551		69,946	37.81%
	Public Relations	\$	31,500	\$	368		3,446	10.94%
	Travel Related Expenses	\$	7,500	\$	(8)		9,039	120.52%
02-506-54017	ç	\$	12,000	\$	630	\$	3,752	31.27%
	Meeting Related Expenses	\$	8,000	\$	(510)		2,361	29.51%
	Utilities - YVWD Services	\$	145,000	\$	-	\$	24,062	16.59%
	Waste Disposal	\$	2,700	\$	-	\$	2,138	79.17%
	Telephone & Internet	\$	45,000	\$	1,697	\$	19,150	42.55%
	Conservation & Rebates	\$	30,000	\$		\$	700	2.33%
02-506-54104	Contractural Services	\$	135,000	\$		\$	98,436	72.92%
02-506-54107	<u></u>	\$	30,000	\$		\$	8,517	28.39%
	Audit & Accounting	\$	15,000	\$		\$	10,260	68.40%
02-506-54109	Professional Fees	\$	165,000	è		\$	90,630	54.93%
02-506-55500	Depreciation	\$	1,272,330	\$	106,028	\$	530,138	41.67%
	Insurance	\$	100,000	\$	14,277	\$	47,611	47.61%

	FY 2019-20	W	ater Expens	ses				
G/L ACCOUNT #	DESCRIPTION		BUDGET		Nov '19	Y	ear to Date	%
02-506-57030	Regulatory Compliance	\$	35,000	\$	-	\$	14,590	41.69%
02-506-57090	Election Related Expenses	\$	_	\$	-	\$	- 1	N/A
02-506-57096	Beaumont Basin Watermaster	\$	40,000	\$	-	\$	-	0.00%
02-506-57097	San Timoteo SGMA	\$	5,000	\$	6,100	\$	6,100	-
02-506-57098	Bunker Hill GSC	\$	15,000	\$	-	\$	5,556	-
02-506-57199	Suspense	\$		\$	-	\$	- 1	
	ADMINISTRATION TOTALS	\$	3,756,403	\$	253,178	\$	1,531,661	40.77%
02-540-57201	Series 2015A Principal	\$	1,170,000	\$	-	\$	1,170,000	100.00%
02-540-57402	Interest - Bond Repayment	\$	1,122,612	\$	-	\$	575,648	51.28%
	40 - Debt	\$	2,292,612	\$	-	\$	1,745,648	76.14%
02-540-57001	Asset Acq Water Dept	\$		\$		\$		
	Asset Acq US Dept	\$	-	\$	-	\$		
	Asset Acq Admin Dept	\$	-	\$	-	\$	-	
	40 - Capital Outlay	\$		\$		\$	-	
	TOTAL WATER EXPENSES	\$	14,445,500	\$	948,603	\$	- I	0.00%

	FY 2019-20 Se	ewe	er Expenses	5				
G/L ACCOUNT	1		D.I.D.O.E.T.			.,		0/
#	DESCRIPTION		BUDGET	ļ	Nov '19	ļ	ear to Date	%
	Labor	\$	1,059,129	\$	139,047	\$	538,686	50.86%
03-502-50013		\$	81,023	\$	12,850	\$	47,931	59.16%
03-502-50014	4	\$	5,592	\$	174	\$	1,109	19.83%
	Benefits-Health & Def Comp	\$	224,598	\$	27,732	\$	144,419	64.30%
	Benefits-Disability Insurance	\$	9,535	\$	1,967	\$	9,035	94.76%
03-502-50019	Benefits-Workers Compensatn	\$	28,596	\$	-	\$	2,580	9.02%
03-502-50021	Benefits-PERS Employee	\$	-	\$	-	\$		0.1.450/
03-502-50022	Benefits-PERS Employer	\$	158,869	\$	8,801	\$	38,361	24.15%
03-502-50023	Benefits-Uniforms	\$	5,825	\$	181	\$	3,198	54.89%
	Benefits-Vacation & Sick Pay	\$	9,000	\$	14,421	\$	36,105	401.17%
	Benefits-Boots	\$	7,995	\$	-	\$	3,640	45.53%
	R&M - Structures	\$	350,000	\$	5,664	\$	51,507	14.72%
İ	R&M - Automation Control	\$	65,000	\$		\$	33,607	51.70%
03-502-51106	Chemicals	\$	600,000	\$	16,449	\$	277,140	46.19%
03-502-51111	Propane	\$	500	\$	-	\$	65	12.93%
03-502-51115	Laboratory Supplies	\$	30,000	\$	-	\$	6,488	21.63%
	General Supplies & Expenses	\$	5,000	\$		\$	648	12.95%
	Utilities - Power Purchases	\$	850,000	\$	74,252	\$	425,355	50.04%
03-502-54110	Laboratory Services	\$	85,000	\$	1,195	\$	38,821	45.67%
03-502-57031	Sewage Waste Disposal-Solids	\$	226,000	\$	-	\$	87,192	38.58%
03-502-57034		\$	396,500	\$	582	\$	3,855	0.97%
<u></u>	TREATMENT TOTALS	\$	4,198,162	\$	303,314	\$	1,749,742	41.68%
03-506-50010	Labor	\$	616,295	\$	53,580	\$	211,893	34.38%
!	Labor - Credit	\$		\$		\$		0.1.00,7
03-506-50012		\$	26,000	\$	4,958	\$	12,665	48.71%
03-506-50013		\$	47,147	\$	4,035	\$	17,672	37.48%
	Benefits-Life Insurance	\$	3,120	\$	68	\$	490	15.72%
!	Benefits-Health & Def Comp	\$	122,640	\$	15,680	\$	79,648	64.94%
	Benefits Disability Insurane	\$	5,547	\$	753	\$	3,502	63.14%
	Benefits-Workers Compensation	\$	16,640	\$		\$	1,591	9.56%
	Benefits-PERS Employee	\$		\$		\$		
!	Benefits-PERS Employer	\$	92,444	\$	4,541	\$	19,764	21.38%
	Benefits-Uniforms	\$	3,250	\$		\$	204	6.29%
03-506-50024	Benefits-Vacation & Sick Pay	\$	5,000	\$	4,592	\$	18,548	370.96%
03-506-50025	\$ 	\$	1,950	\$		\$	300	15.38%
!	Pension Expense-GASB 68	\$	-	\$	_	\$		
	Safety Equipment & Supplies	\$	9,500	\$		\$	3,845	40.47%
03-506-51125	Petroleum Products	\$	24,000	\$	2,000	\$	11,274	46.97%
03-506-51130	Office Supplies & Expenses	\$	7,000	\$		\$	2,710	38.72%
03-506-51140	General Supplies & Expenses	\$	30,000	\$	-	\$	5,267	17.56%
03-506-51199	Disaster Repairs & Incidences	\$		\$	-	\$	(13,093)	
		Ψ					, ,/	
	\$		30,000	·	16,711	\$	21.657	72.19%
03-506-54002	Dues & Subscriptions	\$		\$	16,711 17,500	\$	21,657 87,500	72.19% 41.67%
03-506-54002	\$		30,000 210,000 120,000	\$	16,711 17,500 300		21,657 87,500 42,700	72.19% 41.67% 35.58%

	FY 2019-20 Se	ewe	er Expense	s				
			<u>-</u>					
<u> </u>								
G/L ACCOUNT	DECODINE OU		DUDGET			.,		0/
#	DESCRIPTION		BUDGET	-	Nov '19		ear to Date	%
	Education & Training	\$	20,000	\$		\$	8,439	42.19%
	Public Relations	\$	25,000	\$		\$	2,050	8.20%
	Travel Related Expenses	\$	10,000	\$		\$	7,564	75.64%
	Certifications & Renewals	\$	10,000	\$		\$	2,111	21.11%
	Licenses & Permits	\$	70,000	\$		\$	72,617	103.74%
	Meeting Related Expenses	\$	5,000	\$		\$	3,247	64.95%
03-506-54022	Utilities - YVWD Services	\$	265,000	\$		\$	101,294	38.22%
	Waste Disposal	\$	14,000	\$		\$	8,370	59.79%
	Telephone & Internet	\$	50,000	\$		\$	23,822	47.64%
03-506-54030	Drinking Water	\$		\$		\$		#DIV/0!
03-506-54104	Contractural Services	\$	46,000	\$		\$	33,984	73.88%
	Legal	\$	30,000	\$		\$	5,138	17.13%
	Audit & Accounting	\$	15,000	\$		\$	10,260	68.40%
	Professional Fees	\$	200,000	\$		\$	226,836	113.42%
03-506-55500	Depreciation	\$	472,982	\$		\$	197,076	41.67%
	Insurance	\$	130,000	\$		\$	57,325	44.10%
03-506-57030	Regulatory Compliance	\$	70,000	\$		\$	43,499	62.14%
	ADMINISTRATION TOTALS	\$	2,803,515	\$	243,904	\$	1,331,769	47.50%
03-507-50010	Labor	\$	625,069	\$	64,303	\$	243,826	39.01%
	Labor - Credit	\$		\$		\$		0.00%
	Benefits-FICA	\$	47,818	\$		\$	21,964	45.93%
	Benefits-Life Insurance	\$	3,864	\$		\$	646	16.71%
	Benefits-Health & Def Comp	\$	151,662	\$		\$	85,822	56.59%
03-507-50017	Benefits-Disability Insurance	\$	5,626	\$		\$	4,127	73.36%
03-507-50019	Benefits-Workers Compensatio	\$	16,877	\$		\$	2,580	15.29%
03-507-50021	Benefits-PERS Employee	\$		\$		\$		
03-507-50022	Benefit-PERS Employer	\$	93,760	\$		\$	19,965	21.29%
	Benefits-Uniforms	\$	4,025	\$		\$	2,040	50.69%
	Benefits-Vacation & Sick Pay	\$	40,000	\$		\$	24,878	62.20%
	Benefits-Boots	\$	2.415	\$		\$	600	24.84%
	Sewer Pipeline & Facilities	\$	250,000	\$		\$	71,636	28.65%
	General Supplies & Expenses	\$	500	\$		\$	787	157.34%
03-507-51241	{	\$	52,500	\$		\$	20,915	39.84%
03-507-51242		\$	18,000	\$		\$	7,022	39.01%
03-507-51243		\$	3,200	\$		\$	1,275	39.84%
03-507-51244		\$	9,500	\$		\$	13,441	141.48%
03-507-51246	{	\$	5,000	\$		\$	2,275	
	Lift Station #8	\$	2,500	\$		\$	418	16.74%
03-507-54111	Pretreatment	\$	50,000	\$		\$	28,239	56.48%
	ENVIRONMENTAL CONTROL TOTAL		1,382,316	\$		\$	552,457	39.97%
				I				
	SRF Principal - WWTP	\$	2,306,368	\$		\$	2,306,368	100.00%
	SRF Principal - Brineline	\$	447,138	ф	-	\$	<u>-</u>	0.00%
	SRF Principal - Wise	\$	136,599	+		\$	-	0.00%
03-540-57205	SRF Principal - R 10.3	\$	40,023	\$	-	\$	-	0.00%

	FY 2019-20 Se	ew	er Expense	S				
G/L ACCOUNT #	DESCRIPTION		BUDGET		Nov '19	Y	ear to Date	%
03-540-57206	SRF Principal - Crow St	\$	15,667	\$	-	\$	- [0.00%
03-540-57403	Interest - Long Term Debt	\$	887,924	\$	-	\$	617,301	69.52%
	40 - Debt	\$	3,833,719	\$	-	\$	2,923,669	76.26%
03-540-57002	Asset Acq Treatment Dept	\$	-	\$	-	\$		
03-540-57006	Asset Acq Admin Dept	\$	_	\$	_	\$	- I	
03-540-57007	Asset Acq EC Dept	\$	_	\$	-	\$	- I	
	40 - Capital Outlay	\$	-	\$	-	\$		
	TOTAL SEWER EXPENSES	\$	12,217,712	\$	663,297	\$	6,557,636	53.67%

	FY 2019-20 Re	сус	led Expens	ses			
G/L ACCOUNT						Year to	0/
#	DESCRIPTION		BUDGET		Nov '19	 Date	%
04-506-50010	Labor	\$	705,207	\$	61,019	\$ 241,487	34.24%
l	Labor - Credit	\$	-	\$	-	\$ -	0.000/
04-506-50012	Director Fees	\$	5,000	\$		\$ 	0.00%
04-506-50013	Benefits-FICA	\$	53,948	\$	5,041	\$ 20,272	37.58%
04-506-50014	Benefits-Life Insurance	\$	3,600	\$	89	\$ 555	15.43%
04-506-50016	Benefits-Health & Def Comp	\$	143,004	\$	14,001	\$ 78,702	55.03%
04-506-50017	Benefits-Disability Insurance	\$	6,347	\$	864	\$ 4,054	63.88%
04-506-50019	Benefits-Workers Compensation	\$	19,041	\$	-	\$ 1,697	8.91%
04-506-50021	Benefits-PERS Employee	\$	-	\$	-	\$ - 04 707	00.000/
04-506-50022	Benefits-PERS Employer	\$	105,781	\$	5,044	\$ 21,787	20.60%
04-506-50023	Benfits-Uniforms	\$	3,750	\$	26	\$ 1,421	37.88%
04-506-50024	Benefits-Vacation & Sick Pay	\$		\$	7,474	\$ 21,816	#DIV/0!
04-506-50025	Benefits-Boots	\$	4,750	\$	<u>-</u>	\$ 1,200	25.26%
04-506-51003	R&M - Structures	\$	26,519	\$	152	\$ 645	2.43%
04-506-51011	R&M - Valves	\$	500	\$	-	\$ -	0.00%
L	R&M - Pipelines	\$	500	\$	1,600	\$ 1,324	264.84%
04-506-51021	R&M - Service Lines	\$	4,000	\$	-	\$ -	0.00%
}	R&M - Fire Hydrants	\$	4,000	\$	-	\$ -	0.00%
04-506-51030	R&M - Meters	\$	1,500	\$	<u>-</u>	\$ <u>-</u>	0.00%
04-506-51140	General Supplies & Expenses	\$	7,000	\$	<u>-</u>	\$ 1,038	14.82%
04-506-51210	Utilities - Power Purchases	\$	84,500	\$	5,967	\$ 32,080	37.96%
04-506-54002	Dues & Subscriptions	\$	3,000	\$	<u>-</u>	\$ 2,858	95.25%
04-506-54005	Computer Expenses	\$	11,000	\$	-	\$ 5,750	52.27%
04-506-54011	Printing & Publications	\$	-	\$		\$ _	N/A
04-506-54012	Education & Training	\$	3,500	\$	<u>-</u>	\$ 481	13.74%
04-506-54014	Public Relations	\$	4,200	\$	-	\$ 440	10.49%
04-506-54016	Travel Related Expenses	\$	1,000	\$	-	\$ 453	45.25%
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	\$	77	\$ 617	44.06%
04-506-54022	Utilities - YVWD Services	\$	12,500	\$	-	\$ 1,890	15.12%
04-506-54025	Telephone & Internet	\$	1,400	\$	168	\$ 716	51.12%
04-506-54104	Contractural Services	\$	10,000			\$ 3,002	30.02%
04-506-54107	Legal	\$	500	\$	-	\$ -	0.00%
04-506-54108	Audit & Accounting	\$	4,000	\$	-	\$ 2,280	57.00%
04-506-54109	Professional Fees	\$	30,000	\$	-	\$ 6,996	23.32%
04-506-54110	Laboratory Services	\$	_	\$	-	\$ -	
04-506-55500	Depreciation	\$	_	\$		\$ _	#DIV/0!
04-5-06-56001	Insurance	\$	25,000	\$	-	\$ 8,333	33.33%
04-5-06-57030	Regulatory Compliance	\$	6,500	\$	-	\$ 6,030	92.77%
04-5-06-57040	Environmental Compliance	\$	500	\$		\$ 	0.00%
		<u></u>				 	
	TOTAL RECYCLED EXPENSES	\$	1,301,447	\$	101,521	\$ 479,821	36.87%



Director Memorandum 19-137

Date: December 17, 2019

Prepared By: Mike Kostelecky, Operations Manger

Subject: Consideration of Replacing the Isolation Valves for the New Influent Basket

Strainers to be Installed at the Yucaipa Valley Regional Water Filtration

Facility

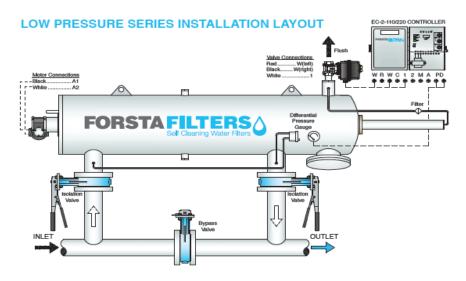
Recommendation: That the Board authorize the General Manager to execute Change

Order No. 1 with Pascal & Ludwig for a sum not to exceed \$17,069.

On September 3, 2019, the Board of Directors authorized the replacement of the existing basket strainers with three Forsta strainers to protect the microfiltration membranes at the Yucaipa Valley Regional Water Filtration Facility [Director Memorandum No. 19-098]. The new strainers were going to use the existing hand operated isolation valves. The hand valves are now twelve years old and have been over exercised causing them to grind and stick at times.

District staff acquired a bid for replacement valves from Pascal & Ludwig for a total of \$20,429. Upon further discussion, it was determined that the existing pipe risers could be used at the current centerline for the installation of the new strainers. Because a modification is not necessary, this results in a savings to the District in the amount of \$3,360.





District staff is requesting your consideration to execute Change Order No. 1 with Pascal & Ludwig Constructors for the installation of 4 new isolation valves for a sum not to exceed \$17,069. This project will be funded by the Water Fund, Depreciation Reserves [GL Account #02-000-10310].

	Contract Changes	Contract Amount	Percentage Change from Original Bid Amount	Reference
Original Bid Amount		\$338,100		DM 19-098
Change Order No. 1	\$17,069	\$355,169	5.05%	DM 19-137



Director Memorandum 19-138

Date: December 17, 2019

Prepared By: Matthew Porras, Implementation Manager

Subject: Award of a Construction Contract with Superior Tank Company for the

Replacement of Drinking Water Reservoir R-16.6 - Calimesa

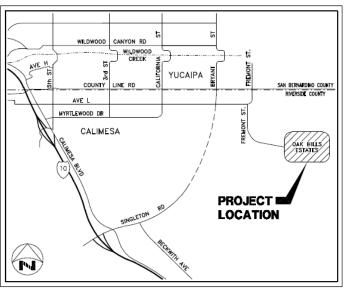
Recommendation: That the Board award a construction contract with Superior Tank

Company for a sum not to exceed \$565,668.

The Yucaipa Valley Water District owns and operates the R-16.6 drinking water storage reservoir [Asset ID: PW-R-13016.6] that was initially put into service in the early 1980's when the Oak Hills Estates residential area was developed.

In the past few years of the reservoir's almost 40-year life, District staff has been observing and monitoring the deteriorating condition. Most recently, numerous leaks on the exterior walls of the tank have developed and have signaled the end of this assets useful life. The replacement of this tank is recommended before the condition becomes more severe.

District staff is planning the replacement of the steel bolted tank in the same location. Traditional options of tank



LOCATION MAP

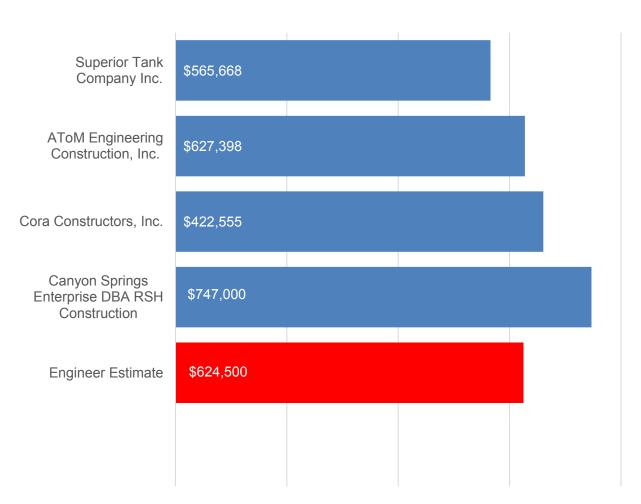
construction include bolted steel, welded steel, or reinforced concrete. Some advantages of the bolted steel tanks are the relatively short manufacturing time, construction time, and overall cost. In addition, the individual panels of a bolted steel tank are constructed off site and their protective coating is applied off site resulting in a reduced on site fabrication and construction effort. The lifespan of a bolted steel tank is typically 40 years.

The new tank will comply with current seismic requirements with a concrete ring wall that will provide the tank a solid foundation and secure bolt down installation. Our current tank is 24 feet tall and 37 feet in diameter with approximately 195,000 gallons of useable capacity. The new tank will be increased in size to 32 feet tall and 47 feet wide. The additional height of the new tank would provide the freeboard needed to comply with updated construction standards and the additional width would provide the usable capacity of approximately 298,000 gallons, an increase of over 100,000 gallon capacity.

The District staff received authorization to solicit bids for this project at the October 15, 2019 board meeting [Director Memorandum No. 19-114]. The project was advertised in multiple newspapers on November 13, 2019. The advertised Notice Inviting Bids provided the deadline for submittal of 11:00 A.M. PST on December 4, 2019.

The graph below includes the bidders that submitted the required information within the timeline of November 13, 2019 to December 4, 2019. Additional bid details are included in the attached letter.

Replacement of Drinking Water Reservoir R16.6 - Bid Results



Based on the bid results as listed above, District staff recommends awarding the contract to Superior Tank Company, Inc.

This project will be paid for by the Water Fund, Infrastructure Reserves [G/L Account #02-000-10311]. This project was included in the CIP budget for fiscal year 2021-22 but as a result of the urgency will be moved to the current fiscal year.



December 9, 2019 818-127.5 F/C

Matthew Porras, Management Analyst Yucaipa Valley Water District 12770 Second Street Yucaipa, CA 92399

Subject: Reservoir R-16.6 Replacement Project

Bid Results and Award Recommendation

Dear Mr. Porras:

On December 4, 2019, the Yucaipa Valley Water District (District) received four bids for subject project; the results and engineer's estimate are as follows (a breakdown by bid item is shown in the attached Bid Results table):

Contractor	Bid Amount
Superior Tank Company, Inc.	\$565,668.00
AToM Engineering Construction, Inc.	\$627,398.00
CORA Constructors, Inc.	\$660,500.00
Canyon Springs Enterprise dba: RSH Construction	\$747,000.00
Engineer's Estimate	\$625,000.00

The low bidder is Superior Tank Company, Inc. in the amount of \$565,668.00. The bid documents submitted by Superior Tank Company, Inc. are in order. Note, the Bid Bond originally included with Superior Tank Company, Inc.'s bid was not notarized; however, that has been corrected.

Since construction of the Reservoir R-16.6 Replacement Project is necessary to replace the existing leaking reservoir that has exceeded its useful life, and since Superior Tank Company, Inc. is an experienced, capable contractor with a current Class A Contractor's License (No. 472119), we recommend award of subject work to Superior Tank Company, Inc. in the amount of \$565,668.00.

If you have any questions, please call.

Sincerely,

KRIEGER & STEWART

Patrick M. Watson

PMW/lge 818-127-RECAWARD

Attachment: Bid Results

RESERVOIR R-16.6 REPLACEMENT

BID SUMMARY SHEET

BID OPENING: DECEMBER 4, 2019 AT 11:00 AM

ITEM				SUPERIOR	TANK CO., INC.		GINEERING ICTION, INC.	CORA CONST	RUCTORS INC.	ENTERPI	SPRINGS RISE, DBA STRUCTION
NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
101	Contract bonds, insurance and permits not to exceed 3% of bid amount.	1	L.S.	\$16,675.00	\$16,675.00	\$18,197.00	\$18,197.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00
102	Mobilization of equipment, materials, and labor (not to exceed 3% of bid amount).	1	L.S.	\$16,675.00	\$16,675.00	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00
103	Provide trench protection (shoring or sloping) in accordance with CAL OSHA Standards for all trenches 5' and greater in depth.	1	L.S.	\$3,560.00	\$3,560.00	\$1.00	\$1.00	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
104	Demolish existing 0.21 MG bolted steel storage reservoir and appurtenances and dispose of at a legal disposal site, and all related work.	1	L.S.	\$15,893.00	\$15,873.00	\$21,000.00	\$21,000.00	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00
105	Perform site grading, including overexcavation and replacement, excavation, embankment, fine grading, and all related work.	1		\$24,440.00	\$24,440.00	\$36,000.00	\$36,000.00	\$60,000.00	\$60,000.00	\$121,000.00	\$121,000.00
106	Furnish and install 4" thick Class 2 base to limits shown on the Drawings, and all related work.	1	L.S.	\$13,565.00	\$13,565.00	\$11,000.00	\$11,000.00	\$12,000.00	\$12,000.00	\$25,000.00	\$25,000.00
107	Construct reinforced concrete ringwall and furnish and install 6" crushed rock under reservoir, and all related work.	1		\$51,000.00	\$51,000.00	\$44,000.00	\$44,000.00	\$63,000.00	\$63,000.00	\$95,000.00	\$95,000.00
108	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', and all related work.	1	L.S.	\$240,000.00	\$240,000.00	\$310,000.00	\$310,000.00	\$285,000.00	\$285,000.00	\$270,000.00	\$270,000.00
109	Furnish and install 8" and 12" inlet/outlet piping and fittings, (including flex-tends, valves, etc.), and all related work.	1	L.S.	\$115,565.00	\$115,565.00	\$85,000.00	\$85,000.00	\$100,000.00	\$100,000.00	\$80,000.00	\$80,000.00
110	Furnish and install site drain piping and fittings, including catch basin, and all related work.		L.S.	\$16,250.00	\$16,250.00	\$24,000.00	\$24,000.00	\$13,000.00	\$13,000.00	\$12,000.00	\$12,000.00
111	Furnish and install all onsite conduits, conductors, pull boxes, and all related work.	1	L.S.	\$18,065.00	\$18,065.00	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$45,000.00	\$45,000.00



RESERVOIR R-16.6 REPLACEMENT

BID SUMMARY SHEET

BID OPENING: DECEMBER 4, 2019 AT 11:00 AM

ITEM				SUPERIOR 1	FANK CO., INC.		GINEERING JCTION, INC.	CORA CONST	TRUCTORS INC.	ENTERP	I SPRINGS RISE, DBA STRUCTION
NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
112	Furnish and install guard posts per drawings, and all related work.	4	EA	\$1,000.00	\$4,000.00	\$800.00	\$3,200.00	\$750.00	\$3,000.00	\$1,500.00	\$6,000.00
113	All other items of work not included in the above bid items required for a complete and functional project in compliance with the Contract Documents.		L.S.	\$5,000.00	\$5,000.00	\$18,000.00	\$18,000.00	\$30,000.00	\$30,000.00	\$10,000.00	\$10,000.00
	Owner-directed field orders preauthorized by District.	1	L.S.	Set Amount	\$25,000.00	Set Amount	\$25,000.00	Set Amount	\$25,000.00	Set Amount	\$25,000.00
	*	Subt	otal		\$565,668.00		\$627,398.00		\$660,500.00		\$747,000.00
	Last Minute	e Adjustm	ent		\$0.00		\$0.00		\$0.00		\$0.00
		Тс	otal		\$565,668.00		\$627,398.00		\$660,500.00		\$747,000.00











Date: December 17, 2019

Prepared By: Matthew Porras, Implementation Manager

Subject: Consideration to Purchase Three (3) F-150 Ford Trucks

Recommendation: That the Board authorize the General Manager to purchase three F-150

Ford trucks for a sum not to exceed \$79,911.

The Yucaipa Valley Water District maintains a fleet of vehicles that are necessary to operate the drinking water, sewer and recycled water systems. The District staff has identified multiple vehicles that should be considered for replacement based on cost of ownership, reliability, and safety. In the attached list of District vehicles currently in service, fifteen (15) vehicles are identified for replacement in the near future, three (3) of which are recommended for immediate replacement. This recommendation is a result of mechanical issues that these three vehicles have in common. The most significant issues are related to the 6.0 liter diesel engine that has proven to be unreliable and expensive to repair and maintain.

The table below outlines the replacement vehicles that are recommended for purchase at this time. The details of the vehicles can be found in the attached quote. Competitive models and manufactures were considered during the selection process.

Ve	hicle	Estimated	Costs Base	d on Recent Quotes
Make	Model	Cost	Quantity	Total
Ford	F-150	\$26,637	3	\$79,911

The remaining twelve (12) vehicles identified for replacement will continue to provide service to the District until the funding is available, pending any major mechanical failures.

Funding for these vehicles will be from Water and Sewer Depreciation Reserves [GL Accounts #02-000-10310 and 03-000-10310].

Asset ID	Model Year	Asset Title	Manufacturer	Purchase Date
VE-15004	1999	Ford Expedition	Ford	7/29/1999
VE-15005	1999	Ford F-250	Ford	8/6/1998
VE-15006	2002	Aquatech Combination Cleaning Truck	International	1/1/2002
VE-15011	2003	Chevrolet K2500 3/4 Ton	Chevrolet	1/1/2003
VE-15012	2002	Chrysler Gem	Chrysler	1/1/2002
VE-15013	2003	Ford PU F-250	Ford	5/5/2003
VE-15017	2003	Ford PU F-250	Ford	5/5/2003
VE-15024	2003	Ford PU F-250	Ford	1/1/2003
VE-15026	1992	Chevrolet C3500 1 Ton Valve Truck	Chevrolet	6/30/1992
VE-15027	2002	Chrysler Gem	Chrysler	1/1/2002
VE-15030	2000	Ford F-250 Service Body	Ford	1/1/2000
VE-15031	1998	Ford PU F-250	Ford	8/6/1998
VE-15033	1986	Ford Vactor	Ford	1/1/1986
VE-15038	1991	Chevrolet C3500 1 Ton Welding	Chevrolet	1/3/1991
VE-15039	1988	Ford Crane 2 Ton	Ford	1/1/1988
VE-15033 VE-15043	2000	Ford F-250 3/4 Ton	Ford	4/19/2000
VE-15045 VE-15045	2000	Ford F-450 Easement	Ford	1/1/2000
VE-13043 VE-15047	2001	Aquatech Combination Cleaning Truck	International	1/1/2001
VE-15049	2002	Chrysler Gem	Chrysler	1/1/2002
VE-15051	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15052	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15053	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15054	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15055	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15056	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15057	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15058	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15059	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15060	2008	Ford Ranger Supercab	Ford	1/1/2008
VE-15061	2007	Ford Edge FWD SE	Ford	1/1/2007
VE-15064	2010	Dodge Ram 4500 Dump Truck	Dodge	1/1/2010
VE-15065	2011	Dodge Ram 5500 Dump Truck	Dodge	1/1/2011
VE-15066	2011	Ford F450 Service Truck	Ford	1/1/2011
VE-15067	2014	Jeep Wrangler	Jeep	1/1/2014
VE-15068	2014	Jeep Wrangler	Jeep	1/1/2014
VE-15069	2014	Jeep Wrangler	Jeep	1/1/2014
VE-15071	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15072	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15073	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15074	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15075	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15076	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15077	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15078	2015	Ford PU F-250 3/4 Ton	Ford	1/1/2015
VE-15079	2016	Ford F-550 Flatbed Service Truck	Ford	10/1/2015
VE-15080	2016	Ford F-550 Flatbed Service Truck	Ford	10/1/2015
VE-15081	2016	Ford F-550 Flatbed Service Truck	Ford	10/1/2015
VE-15082	2017	International 7600 10 Wheel Dump Truck	International	1/1/2017
VE-15083	2017	International 4300 Water Truck	International	1/1/2017
VE-15084	2017	International 4400 Midsize Dump	International	1/1/2017
VE-15085	2019	Kubota Dump Truck RTV X900	Kubota	8/15/2018
VE-15086	2019	Kubota Dump Truck - RTV X900	Kubota	8/15/2018
VE-15087	2019	Ford Escape Ford		11/5/2018
VE-15088	2019	Ford Escape Ford		11/5/2018
VE-15089	2019	Ford Escape Ford		11/5/2018
VE-15090	2019			11/5/2018
VE-15091	2019	Ford Escape Ford Ford Escape Ford		11/5/2018
VE-15092	2019	Ford Explorer	Ford	11/5/2019
VE-15093	2018	Ford F150	Ford	11/5/2019
	2010	. 0.4 . 130	TOTA	11, 3, 2013
Total Numbe	r of Fleet Vehicles	Yellow = In Need of Replacement	Average Age of	Fleet Vehicle
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Yucaipa Valley Water District - December 17, 2019 - Page 54 of 69	
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	.XL SERIES				SP FLT	ACCT CR		
	.17"SILVER STEEL				FUEL C	HARGE		
99B	3.3L V6 PFDI			B4A		IV FLT OPT	NC	
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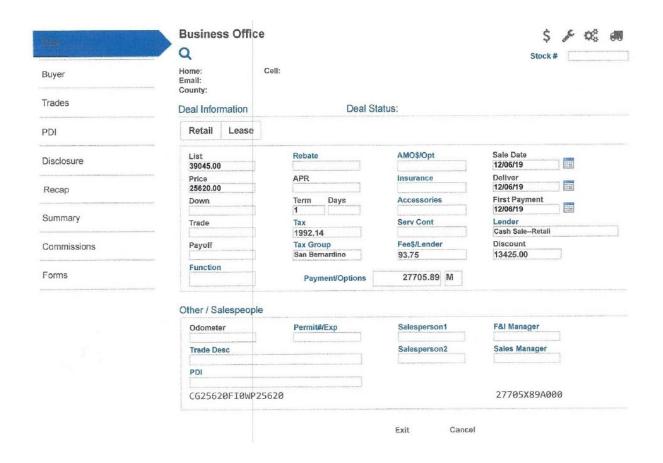
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CNGP530 ==>	VEHICLE ORDER CONFI	Dealer: F
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145" WHEELBASE YZ OXFORD WHITE C CLOTH 40/20/40 G MED EARTH GRAY 100A EQUIP GRP	53A	CALIF EMISSIONS NC TRAILER TOW PKG 595 SPRAY-IN LINER 595 FLEX FUEL SP DLR ACCT ADJ
.XL SERIES .17"SILVER STEEL 99B 3.3L V6 PFDI 446 ELEC 6-SPD AUTO .265/70R-17 X26 3.73 REG AXLE 6500# GVWR CA BOARD FEES FRT LICENSE BKT	NC TOTAL TOTAL TOTAL TOTAL TOTAL	SP FLT ACCT CR FUEL CHARGE
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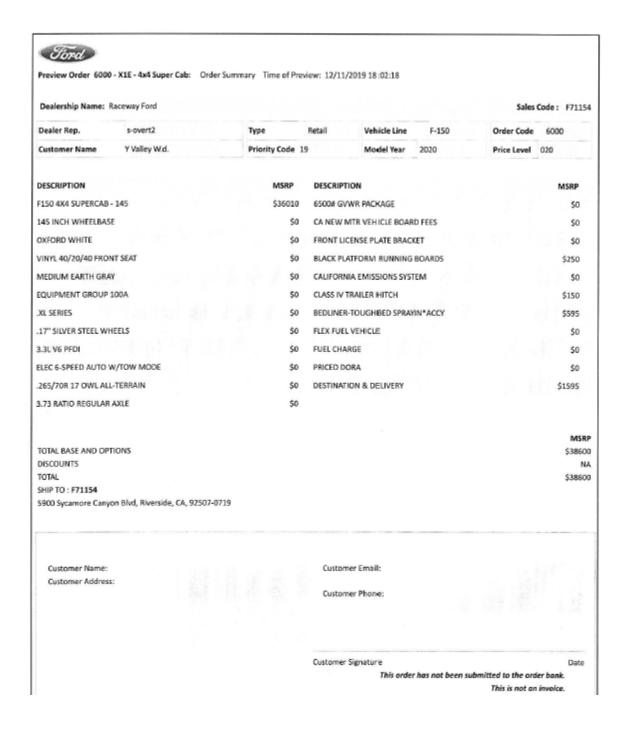
12/6/2019



Raceway Ford 5900 Sycamore Canyon Blvd Riverside, CA 92507

Date: Salesperson: 12/12/2019 Overton Jr,Stephen Deal Number: 83063

951) 784-1000	www.racewayford.com DEC 12 19 10:37:13
Find Number 83063 Salesperson Overton Jr,Str	ephen Date 12/12/2019
,	Co Buyer
Address 12770 2nd St C	Yucaipa State CA Zip 92399
Home (909) 797-5117 Work Cell	Email mporras@yvwd.us
New/Used New Stock# Year	Make Ford Model F150
Mileage 4 Color Oxford White	VIN#
TRADE INFORMATION	PRICE: \$ 38600.00 Additional Accessories:
Payment Disclosure for Purchase	Disclosure Summary for Purchase
Interest Rate: 0.00	Price 38,600.00
Payment Frequency: Cash Deal	Less Discount -13,745.00
Number of Payments: 0	Vehicle Price 24,855.00
Days to 1st Pmnt: 0 First Payment Date: 12/12/2019	Trade Value 0.00 Trade Difference 24,855.00
Payment/Amt Due: 0 27,322.60	Accessories 0.00
	Sub Total 24,855.00
	Tax 1,932.85
# 27322.60	Documentation Fee 85.00
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x 3 UNITS	0.00
\$ 81997.80 TOTAL	Trade Payoff 0.00
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000 1 00	License Fees 162.00
YOUR TOTAL	Title/Reg Fees 250.00
\$ 81397.80 PRICE	Tire Fee 8.75
	Smog Fee 0.00
	Total <u>27,322.60</u>
	Less Down Payment 0.00
Salesperson cannot accept this offer or obligate seller in any manner whatsoever. THIS OFFER IS NOT BINDING UNTIL ACCEPTED IN	Amount Due 27,322.60
WRITING BY OFFICER OR SALES MANAGER OF DEALERSHIP	Amount Due 21,322.00



Board Reports



Director Comments





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

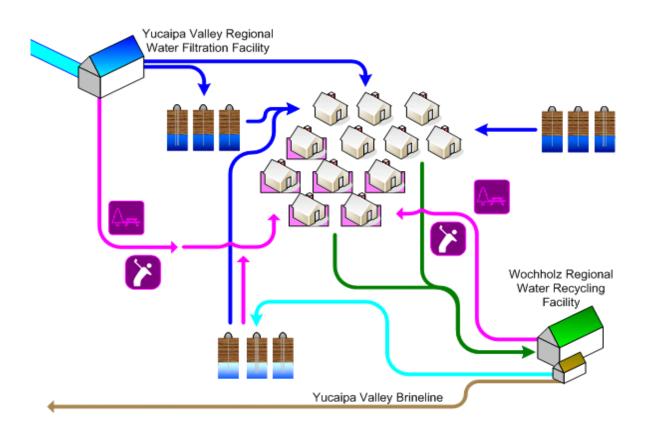
5 reservoirs - 12 million gallons of storage

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

Recycled Water Commodity Charge:

1,000 gallons or more

\$1.425 per each 1,000 gallons

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

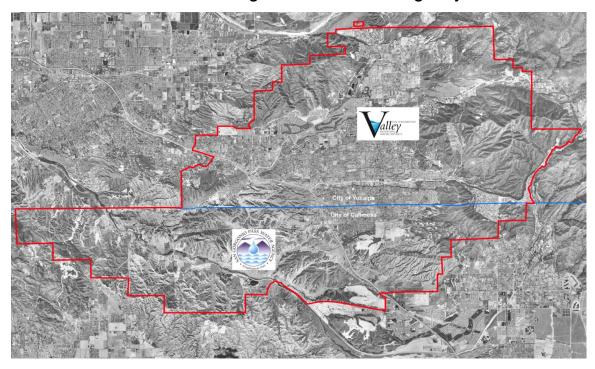
5/8" x 3/4" Water Meter \$14.00 per month 1" Water Meter \$23.38 per month 1-1/2" Water Meter \$46.62 per month

Sewer Collection and Treatment Charge:

Typical Residential Charge

\$42.43 per month

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



Service Area Size
Table "A" Water Entitlement
Imported Water Rate
Tax Rates for FY 2019-20
Number of Board Members
Operating Budget FY 2019-20

San Bernardino Valley Municipal Water District	San Gorgonio Pass Water Agency
353 square miles	222 square miles
102,600 acre feet	17,300 acre feet
\$125.80 / acre foot	\$399 / acre foot
\$0.1425 per \$100	\$0.1775 per \$100
Five (5)	Seven (7)
\$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