



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

Tuesday, August 21, 2018 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 - August 7, 2018
 - 2. Board Workshop - August 14, 2018
 - B. Payment of Bills
 - 1. Approve/Ratify Invoices for Board Awarded Contracts
 - 2. Ratify General Expenses for July 2018
- V. **STAFF REPORT**
- VI. **DISCUSSION ITEMS**
 - A. Public Hearing – Consideration of Resolution No. 2018-27 Updating the Calculation for Facility Capacity Charges Related to the Purchase of Water Resources for New Development within the Boundary of the San Gorgonio Pass Water Agency and the City of Calimesa [[Director Memorandum No. 18-115 - Page 22 of 73](#)]
 - RECOMMENDED ACTION: That the Board conducts a public hearing and receives comments prior to considering the adoption of Resolution No. 2018-27.
 - B. Consideration of Claim for Repair Costs Related to a Water Line Repair on Panorama Drive - Bolen [[Director Memorandum No. 18-116 - Page 33 of 73](#)]
 - RECOMMENDED ACTION: That the Board denies the claim for damages based on the information that was provided and refers the claim to the District's insurance carrier for review and processing.

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. Presentation of the Unaudited Financial Report for the Period Ending on July 31, 2018
[Director Memorandum No. 18-117 - Page 40 of 73]

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

VII. BOARD REPORTS & DIRECTOR COMMENTS

VIII. ANNOUNCEMENTS

- A. August 28, 2018 at 4:00 p.m. - Board Workshop
- B. September 4, 2018 at 6:00 p.m. - Regular Board Meeting
- C. September 11, 2018 at 4:00 p.m. - Board Workshop
- D. September 18, 2018 at 6:00 p.m. - Regular Board Meeting
- E. September 25, 2018 at 4:00 p.m. - Board Workshop
- F. October 2, 2018 at 6:00 p.m. - Regular Board Meeting
- G. October 9, 2018 at 4:00 p.m. - Board Workshop
- H. October 16, 2018 at 6:00 p.m. - Regular Board Meeting
- I. October 30, 2018 at 4:00 p.m. - Board Workshop
- J. November 6, 2018 at 6:00 p.m. - Regular Board Meeting
- K. November 13, 2018 at 4:00 p.m. - Board Workshop
- L. November 20, 2018 at 6:00 p.m. - Regular Board Meeting
- M. November 27, 2018 at 4:00 p.m. - Board Workshop
- N. December 4, 2018 at 6:00 p.m. - Regular Board Meeting
- O. December 11, 2018 at 4:00 p.m. - Board Workshop
- P. December 18, 2018 at 6:00 p.m. - Regular Board Meeting
- Q. ~~December 25, 2018 at 4:00 p.m. - Board Workshop~~ Canceled
- R. ~~January 1, 2019 at 6:00 p.m. - Regular Board Meeting~~ Canceled
- S. January 8, 2019 at 4:00 p.m. - Board Workshop
- T. January 15, 2019 at 6:00 p.m. - Regular Board Meeting
- U. January 29, 2019 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 Numbers: 413-380-001 - 009, and 013
Agency Negotiator: Joseph Zoba, General Manager
Negotiating Parties: Johnson
Under Negotiation: Terms of Payment and Price
- B. Conference with Legal Counsel--Existing Litigation - Government Code 54956.9(d)
YVWD vs Hillcrest Mobile Home Park
San Bernardino Superior Court Case No. CIVDS 1808441

X. ADJOURNMENT

Consent Calendar



Yucaipa Valley Water District

MINUTES OF A REGULAR BOARD MEETING

August 7, 2018 at 6:00 P.M.

Directors Present:

Jay Bogh, President
Bruce Granlund, Vice President
Lonni Granlund, Director
Chris Mann, Director

Staff Present:

Joseph Zoba, General Manager
Jennifer Ares, Water Resource Manager
Mike Kostelecky, Operations Manager
Kathryn Hallberg, Implementation Manager
Matthew Porras, Implementation Manager
Frank Sclafani, Administrative Clerk

Directors Absent:

Tom Shalhoub, Director

Consulting Staff Present:

David Wysocki, Legal Counsel
Jay Ward, Legal Counsel

Registered Guests and Others Present:

Linda Shelton, Customer
Joyce McIntyre, Customer
George Sardeson, Customer
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 Director Jay Bogh at 6:00 p.m. at the Administrative Office Building, 12770 Second Street, Yucaipa, California.

FLAG SALUTE

Director Jay Bogh led the pledge of allegiance.

ROLL CALL

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

Director Tom Shalhoub was absent

PUBLIC COMMENTS

None

CONSENT CALENDAR

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

A. Minutes of Meetings

1. Regular Board Meeting - July 17, 2018
2. Board Workshop - July 31, 2018

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 Tom Shalhoub - Absent

STAFF REPORT

General Manager Joseph Zoba discussed the completion and submittal of the U.S. Bureau of Reclamation Title XVI Feasibility Study and the Database Management system currently being development by Dudek.

DISCUSSION ITEMS:

DM 18-109

CONSIDERATION TO
SELL PROPERTY AT
11355 PENDLETON
AVENUE (ASSESSOR'S
PARCEL NUMBER
0321-411-09) TO THE
CITY OF YUCAIPA

Implementation Manager Matthew Porras discussed the sale of property at 11355 Pendleton Avenue (Assessor's Parcel Number 0321-411-09) to the City of Yucaipa.

Director Lonni Granlund moved that the Board authorize the Board President to execute the agreement with the City of Yucaipa. Director Chris Mann 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 Tom Shalhoub - Absent

DM 18-110

REVIEW OF PUBLIC
DISCLOSURE REPORT
PURSUANT TO
GOVERNMENT CODE
SECTION 53065.5 FOR
FISCAL YEAR ENDING
JUNE 30, 2018

General Manager Joseph Zoba discussed the Public Disclosure Report pursuant to Government Code Section 53065.5 for fiscal year ending June 30, 2018.

Director Bruce Granlund moved that the Board receive and file the Public Disclosure Report for Fiscal Year 2017-18. Director Lonni 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 Tom Shalhoub - Absent

DM 18-111

RECEIPT AND
ACKNOWLEDGEMENT
OF THE AUDITOR'S
COMMUNICATION
WITH THOSE
CHARGED WITH
GOVERNANCE

General Manager Joseph Zoba discussed the *Auditor's Communication with Those Charged with Governance*.

Director Lonni Granlund moved that the Board receive the annual planning letter from Vavrinek, Trine, Day & Co., LLP. 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 Tom Shalhoub - Absent

DM 18-112

RATIFICATION OF THE
ACCEPTANCE OF
OVERLYING WATER
RIGHTS IN THE
BEAUMONT BASIN FOR
TRACT NO. 32702-1
(121 LOTS) AND TRACT
NO. 32702-2 (41 LOTS)
PURSUANT TO
BEAUMONT BASIN
WATERMASTER
RESOLUTION NO.
2017-02

General Manager Joseph Zoba discussed the acceptance of Overlying Water Rights in the Beaumont Basin for Tract No. 32702-1 (121 lots) and Tract No. 32702-2 (41 lots) pursuant to Beaumont Basin Watermaster Resolution No. 2017-02.

Director Lonni Granlund moved that the Board accept the transfer of 59.89 acre-feet of overlying water rights in the Beaumont Basin from Oak Valley Partners to Yucaipa Valley Water District as overlying-appropriative water rights in the Beaumont Basin. 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 Tom Shalhoub - Absent

DM 18-113

CONSIDERATION OF
RESOLUTION NO.
2018-26 REQUESTING
THE LOCAL AGENCY
FORMATION
COMMISSION TAKE
PROCEEDINGS FOR
THE ANNEXATION OF
TERRITORY
(ASSESSOR PARCEL
NUMBERS 407-200-009,
407-200-011, 407-210-
001, 407-210-002, 407-
210-003, AND 407-210-
004)

General Manager Joseph Zoba discussed Resolution No. 2018-26 Requesting the Local Agency Formation Commission take proceedings for the Annexation of Territory (Assessor Parcel Numbers 407-200-009, 407-200-011, 407-210-001, 407-210-002, 407-210-003, and 407-210-004).

General Manager Joseph Zoba distributed correspondence from Robert Goodman with Rogers, Joseph, O'Donnell dated August 7, 2018. The correspondence states that the California Environmental Quality Act "...requires that the District evaluate the environmental impacts associated with the Resolution".

Following a discussion by Legal Counsel Wysocki and the Board of Directors, Director Bruce Granlund moved that the Board approves Resolution No. 2018-26. Director Chris Mann 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 Tom Shalhoub - Absent

DM 18-114

AWARD OF A
CONSTRUCTION
CONTRACT WITH
BORDEN EXCAVATING
FOR THE BUNDLED
2018 DRINKING WATER
PIPELINE
REPLACEMENT
PROJECT

Implementation Manager Matthew Porras discussed the bid results for the 2018 Drinking Water Pipeline Replacement Project.

Director Lonni Granlund moved that the Board award a construction contract to Borden Excavating for a sum not to exceed \$1,079,000. 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 Tom Shalhoub - Absent

BOARD REPORTS AND DIRECTOR COMMENTS

- Director Chris Mann reported on the Riverside County Water Task Force meeting on July 20, 2018.
- Director Bruce Granlund and Director Lonni Granlund reported on the San Gorgonio Pass Water Agency Finance and Budget Workshop and Budget meeting on July 23, 2018.
- Director Bruce Granlund reported San Gorgonio Pass Regional Water Alliance meeting on July 25, 2018.
- Director Chris Mann reported on the Building Industry Association Legislative Affairs meeting on August 1, 2018.
- Director Lonni Granlund reported on the Summerwind Trails site visit on August 1, 2018.
- Director Lonni Granlund reported on the San Gorgonio Pass Water Agency meeting on August 6, 2018.

ANNOUNCEMENTS

Director Jay Bogh called attention to the announcements listed on the agenda.

CLOSED SESSION

Director Jay Bogh, Director Lonni Granlund, Director Bruce Granlund and Director Chris Mann were present in closed session with Legal Counsel David Wysocki, Legal Counsel Jay Ward, and General Manager Joseph Zoba to discuss the following items.

- A. Conference with Real Property Negotiator(s) (Government Code 54956.8) Property: Assessor's Parcel Numbers: 413-380-001 - 009, and 013; Agency Negotiator: Joseph Zoba, General Manager; Negotiating Parties: Johnson; Under Negotiation: Terms of Payment and Price
- B. Conference with Legal Counsel--Existing Litigation (Government Code Section 54956.9(d)) YVWD vs Hillcrest Mobile Home Park San Bernardino Superior Court Case No. CIVDS 1808441

The Board Members reconvened out of closed session and legal Counsel David Wysocki reported that direction was provided to the General Manager.

ADJOURNMENT

The meeting was adjourned at 7:00 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

(Seal)

MINUTES OF A BOARD WORKSHOP

August 14, 2018 at 4:00 P.M.

Directors Present:

Jay Bogh, President
Bruce Granlund, Vice President
Lonni Granlund, Director
Chris Mann, Director

Staff Present:

Jennifer Ares, Water Resource Manager
Allison Edmisten, Chief Financial Officer
Chelsie Fogus, Engineering Technician
Kathryn Hallberg, Implementation Manager
Dustin Hochreiter, Senior Engineering Technician
Mike Kostelecky, Operations Manager
Matthew Porras, Implementation Manager
Michael Rivera, Public Works Supervisor
Frank Sclafani, Administrative Clerk I/Intern
John Wrobel, Public Works Manager
Joseph Zoba, General Manager

Directors Absent:

Tom Shalhoub, Director

Consulting Staff Present:

David Wysocki, Legal Counsel

Guests and Others Present:

Joyce McIntyre, Customer
George Sardeson, Customer
Leonard Stephenson, San Gorgonio Pass Water Agency

-
- I. Call to Order - 4:00 p.m.
 - II. Public Comments
 - Joyce McIntyre provided an overview of her recent tour of the Wochholz Regional Water Recycling Facility.
 - III. Staff Report - None
 - IV. Presentations
 - A. Overview of the Proposed Monitoring Operations and Reporting Enhancement (MORE) Project [Workshop Memorandum No. 18-199] - General Manager Joseph Zoba provided an overview of the proposed Monitoring, Operations and Reporting Enhancement (MORE) Project. The MORE project involves additional data collection, monitoring, and analysis of the highly advanced water filtrations systems at the Wochholz Regional Water Recycling Facility. The discussion about the MORE concept will be continued to the board workshop on August 28, 2018.
 - V. Operational Updates
 - A. Status Report for the Tracer Study Performed on the R-13.1 Clearwell at the Yucaipa Valley Regional Water Filtration Facility [Workshop Memorandum No. 18-200] - Operations Manager Mike Kostelecky reported on the final tracer study report prepared by HDR for the Yucaipa Valley Regional Water Filtration Facility.

- B. Status Report on the Rehabilitation of Belt Press No. 1 and No. 2 [Workshop Memorandum No. 18-201] - General Manager Joseph Zoba reported on the status of the belt press rehabilitation at the Wochholz Regional Water Recycling Facility.
- VI. Administrative Items
- A. Overview of Resolution No. 2018-xx Updating the Calculation of Facility Capacity Charges Related to the Purchase of Water Resources for New Development within the Boundary of the San Gorgonio Pass Water Agency and the City of Calimesa [Workshop Memorandum No. 18-202] - General Manager Joseph Zoba provided an overview of a revised calculation for the purchase of new water resources within the service area of the San Gorgonio Pass Water Agency.
 - B. Discussion Regarding the Preparation of Information to Communicate with Customers, Regulators and Stakeholders [Workshop Memorandum No. 18-203] - This item was continued to the board workshop on August 28, 2018.
 - C. Consideration of Classifying Vehicle No. 48 as Surplus Property [Workshop Memorandum No. 18-204] - Implementation Manager Mathew Porras discussed the condition of Unit 48 and the need to surplus this piece of equipment.
 - D. Overview of Claim for Repair Cost Related to Water Line Repair on Panorama Drive - Bolen [Workshop Memorandum No. 18-205] - Implementation Manager Kathryn Hallberg provided an overview of the related claim for damages.
 - E. Discussion Regarding Maintaining the Existing 457(b) Deferred Compensation Plans with Voya and CalPERS [Workshop Memorandum No. 18-206] - Chief Financial Officer Allison Edmisten provided an overview of this agenda item.
 - F. Presentation of the Unaudited Financial Report for the Period Ending on July 31, 2018 [Workshop Memorandum No. 18-207] - Chief Financial Officer Allison Edmisten provided an overview of the unaudited financial report.
- VII. Director Comments - None
- VIII. Announcements -
- IX. Closed Session - Director Jay Bogh, Director Lonni Granlund, Director Bruce Granlund and Director Chris Mann were present in closed session with Legal Counsel David Wysocki, General Manager Joseph Zoba and Chief Financial Officer Allison Edmisten to discuss the following item:
- A. Conference with Real Property Negotiator(s)
 (Government Code 54956.8) Property:
 Assessor's Parcel Numbers: 413-380-001 - 009, and 013;
 Agency Negotiator: Joseph Zoba, General Manager;
 Negotiating Parties: Johnson;
 Under Negotiation: Terms of Payment and Price
- The Board Members reconvened out of closed session and legal Counsel David Wysocki reported that direction was provided to the General Manager.
- X. Adjournment - The meeting was adjourned at 4:45 p.m.

Respectfully submitted,

Joseph B. Zoba, Secretary

Board Awarded Contracts
Consent Calendar Board Meeting -August 21, 2018

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	Encumbered Funds - Remaining Contract Amount				
										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	--	--	\$0	\$2,888	\$2,888							
Alfa Laval, Inc. (S-Reserves) Rehab and Refurbish Belt Press #1 and #2 at WRWRF	18-032	03-13002	--	\$349,561	\$0	\$0	\$0	\$349,561	100%				\$349,561	
Brentwood Industries/Polychem System (S-Reserves) Replacement of Primary Clarifier Equipment at WRWRF	18-034	03-13002	--	\$160,000	\$0	\$0	\$0	\$160,000	100%				\$160,000	
DDB Engineering (R-Reserves) Application to DDW for the Recharge at Wilson Creek Basins	15-086	04-19771	--	\$35,900	\$24,655	\$0	\$24,655	\$11,245	31%				\$11,245	
Delta Partners \$90,000 per year-LegislativeConsult (exp 12/18) W/S Oper	13-079	*-5-06-54109	--	\$90,000	\$45,000	\$7,500	\$52,500	\$37,500	42%	\$37,500				
Dudek (S-Operating) 2017-Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	03-5-06-54109	\$93,900	--	\$93,900	\$93,317	\$0	\$93,317	\$583	1%	\$583				
Dudek (S-Operating) 2017-HMP in San Timoteo Creek	17-049 03-5-06-54109	\$59,620	--	\$59,620	\$49,783	\$0	\$49,783	\$9,837	16%	\$9,837				
Dudek (S-Operating) 2018-Max Benefit Monitoring for San Timoteo/Yucaipa Mgmt Zones	18-054 03-5-06-54109	\$93,580	--	\$93,580	\$28,624	\$0	\$28,624	\$64,956	69%	\$64,956				
Dudek (S-Operating) 2018-HMP in San Timoteo Creek	18-055 03-5-06-54109	\$56,340	--	\$56,340	\$15,944	\$0	\$15,944	\$40,396	72%	\$40,396				
Dudek (W/S Operating) Insepection of Proposed Sites for Remote Telemetry	17-059 0*-5-06-54109	\$10,775	--	\$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	\$89,750 \$6,600	--	\$96,350	\$56,836	\$0	\$56,836	\$39,514	41%	\$39,514				
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	\$147,864	\$0	\$147,864	\$24,142	14%	\$24,142				
HDR (W-Operating) Perform Tracer Study on R13.1 Clearwell at YVRWFF	17-068	02-5-06-54109		\$37,726	\$15,685	\$14,930	\$30,615	\$7,111	19%	\$7,111				
Krieger & Stewart Initiate Design of R-12.4 (W-Reserves) TO#4 Revised TO#4, Amendment #2 TO#5- Construction Mgmt Services TO#5, Amendment #1 - Construction Mmgmt Services	04-164 05-075 14-014 14-092 16-069	65-295	\$74,900 \$600 \$45,000 \$482,500 \$102,600	\$585,100	\$552,636	\$0	\$552,636	\$32,464	6%	\$32,464				
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	
One Stop Landscape Supply FY 2019 Sludge Hauling\Reuse (Oper)	--	03-5-02-57031	--	--	\$0	\$19,745	\$19,745							
Pacific Coast Landscape & Design, Inc. Hardscape Landscape around R13.1 at YVRWFF	18-079	02-5-01-57040	\$39,132	\$39,132	\$39,132	\$0	\$39,132	\$0	0%					
Platinum Advisors (W/S Operating) 2018 Lobbyist N-T-E per month 2018 Quarterly Filing & Misc. Expenses	13-080 02-5-06-54109	*-5-06-54109 --	-- --	-- --	\$35,000 \$250	\$5,000 \$0	\$40,000 \$250							
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	

Board Awarded Contracts
Consent Calendar Board Meeting -August 21, 2018

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	Encumbered Funds - Remaining Contract Amount				
										General Operating Expenses	Water Division Funds	Sewer Division Funds	Recycled Division Funds	Other Funds
Application to DDW for the Recharge at Wilson Creek Basins (R-Resvs) Amendment #3	15-086 18-085	04-19771	--	\$237,668	\$195,757	\$17,442	\$213,199	\$24,469	10%				\$24,469	
San Bernardino Valley Water District (W-Operating) iEfficient Wwater Conservation Campaign	16-092 17-112	02-5-06-54099	\$16,195 \$22,400	\$38,595	\$38,508	\$0	\$38,508	\$87	0%	\$87				
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	\$24,321	\$0	\$24,321	\$18,539	43%				\$18,539	
Feasibility Report for Wochholz SAGE Project	17-043	03-5-06-54109		\$67,575	\$66,201	\$0	\$66,201	\$1,374	2%			\$1,374		
Superior Tank Solutions (W-Operating) Emergency repairs to Reservoir R-17.1.1 CO#1 Factory Powder Coated Floor Replacement	17-108 18-033	02-5-01-51003	\$92,000 \$47,340	\$139,340	\$139,340	\$0	\$139,340	\$1	0%	\$1				
Vavrinek, Trine, Day & Company (VTD) (Operating) FY 2018 Auditing Services \$23,900 + \$3,500 for Single Audit FY 2019 Auditing Services \$23,900 + \$3,500 for Single Audit	15-106 15-106	*-5-06-54108 *-5-06-54108		\$23,900	\$0	\$0	\$0	\$23,900	100%	\$23,900				
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				
Weka, Inc. (S-Reserves) Construction of Yucaipa Blvd. Sewer-Hampton Rd to 18th St	18-035	03-14500	--	\$526,193	\$0	\$0	\$0	\$526,193	100%		\$526,193			
W.M. Lyles Co. (W-Operating) Containment and Process Piping Repairs at YVRWFF	18-049	02-5-01-57040	--	\$43,600	\$43,600	\$0	\$43,600	\$0	0%	\$0				
GRAND TOTALS				\$3,063,150	\$2,100,451	\$67,504	\$2,167,955	\$1,517,406	--	\$288,936	\$579,497	\$539,861	\$80,584	\$28,529
										↓	↓	↓	↓	↓
										\$288,936	\$1,199,941	\$28,529		

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
07/02/2018	32210	YARNALL, DONALD	\$ 47.97
07/02/2018	32211	VALDEZ, GREG	\$ 1,334.39
07/02/2018	32212	MCMAINS, KAYVON	\$ 97.83
07/02/2018	32213	State Water Resources Control	\$ 185.00
07/02/2018	32214	California Municipal Treasurer	\$ 155.00
07/02/2018	32215	California Water Environment A	\$ 180.00
07/02/2018	32216	Department of Motor Vehicles	\$ 45.00
07/02/2018	32217	Ameripride Uniform Services	\$ 1,051.15
07/02/2018	32218	Balco Holdings Inc.	\$ 5,160.45
07/02/2018	32219	Cal's Towing	\$ 50.00
07/02/2018	32220	Coverall North America, Inc.	\$ 1,331.00
07/02/2018	32221	Crider Public Relations, Inc.	\$ 1,020.00
07/02/2018	32222	Daily Journal Corporation	\$ 745.80
07/02/2018	32223	First American Data Tree, LLC	\$ 50.00
07/02/2018	32224	Evoqua Water Technologies LLC	\$ 1,117.10
07/02/2018	32225	Incode Division-Tyler Technolo	\$ 1,019.24
07/02/2018	32226	Inland Counties Insurance Serv	\$ 211,774.00
07/02/2018	32227	Raiset R. Santana and Adriana	\$ 49.25
07/02/2018	32228	Linko Technology Inc.	\$ 4,800.00
07/02/2018	32229	Nagem, Inc. VOIDED	\$ 127.50
07/02/2018	32230	NetComp Technologies, Inc.	\$ 2,850.00
07/02/2018	32231	Office Solutions Business Prod	\$ 2,198.82
07/02/2018	32232	Pacific Coast Landscape & Desi	\$ 8,225.00
07/02/2018	32233	California Newspapers Partners	\$ 847.80
07/02/2018	32234	Q Versa, LLC	\$ 123,182.53
07/02/2018	32235	SB CNTY-Auditor/Controller	\$ 20,000.00
07/02/2018	32236	South Coast A.Q.M.D.	\$ 658.84
07/02/2018	32237	Spectrum Business	\$ 1,834.00
07/02/2018	32238	Tattletale Portable Alarm Syst	\$ 3,105.00
07/02/2018	32239	The Gas Company	\$ 32.77
07/02/2018	32240	Armorcast Products Company	\$ 18,247.47
07/02/2018	32241	Atlas Copco Compressors, LLC	\$ 2,124.67
07/02/2018	32242	Brenntag Pacific, Inc	\$ 6,728.37
07/02/2018	32243	Harrington Ind. Plastic, LLC	\$ 327.03
07/02/2018	32244	Hasa, Inc.	\$ 7,604.83
07/02/2018	32245	Nuckles Oil Company, Inc.	\$ 3,532.96
07/02/2018	32246	Ryan Herco Products Corp	\$ 305.29
07/02/2018	32247	Kenneth Carnes	\$ 561.81
07/02/2018	32248	Nagem, Inc.	\$ 127.50
07/02/2018	32249	Q Versa, LLC	\$ 15,900.00
07/02/2018	32250	Separation Processes, Inc.	\$ 212.00
07/02/2018	32251	The Counseling Team Internatio	\$ 180.00
07/02/2018	32252	Matthew Flordelis	\$ 117.55
07/02/2018	32253	Jacob Duncan	\$ 100.00
07/06/2018	32254	Joe DeSalliers	\$ 646.39

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
07/06/2018	32255	Rodd Greene	\$ 648.15
07/06/2018	32256	Linda Kilday	\$ 646.39
07/06/2018	32257	Dennis Neff	\$ 599.99
07/06/2018	32258	Standard Insurance Company	\$ 1,764.72
07/06/2018	32259	Robert Wall	\$ 599.99
07/06/2018	32260	Charlie Bailey	\$ 629.40
07/06/2018	32261	Standard Insurance Vision Plan	\$ 639.32
07/06/2018	32262	MetLife Small Business Center	\$ 147.22
07/06/2018	32263	Blue Shield of California	\$ 1,911.40
07/06/2018	32264	Jamie Underwood	\$ 300.00
07/06/2018	32265	PAYROLL CHECK	\$ 2,523.80
07/06/2018	32266	PAYROLL CHECK	\$ 310.43
07/06/2018	32267	WageWorks, Inc.	\$ 1,381.51
07/06/2018	32268	IBEW Local 1436	\$ 667.00
07/06/2018	32269	California State Disbursement	\$ 115.38
07/06/2018	32270	California State Disbursement	\$ 397.38
07/06/2018	32271	Department of the Treasury - I	\$ 50.00
07/09/2018	32272	Ameripride Uniform Services	\$ 938.90
07/09/2018	32273	Burgeson's Heating & Air Cond.	\$ 99.00
07/09/2018	32274	CDW LLC	\$ 1,157.88
07/09/2018	32275	Victor James Valenti	\$ 4,075.36
07/09/2018	32276	Dinosaur Tire Inc.	\$ 257.35
07/09/2018	32277	Frontier Communications	\$ 148.41
07/09/2018	32278	Inland Empire Resource Conserv	\$ 2,377.92
07/09/2018	32279	Innerline Engineering	\$ 1,750.00
07/09/2018	32280	Office Solutions Business Prod	\$ 278.42
07/09/2018	32281	Ryan Herco Products Corp	\$ 86.14
07/09/2018	32282	SCCI, Inc.	\$ 350.00
07/09/2018	32283	Underground Service Alert Of S	\$ 387.85
07/09/2018	32284	Westrux International, Inc.	\$ 741.44
07/09/2018	32285	Yucaipa Disposal, Inc.	\$ 1,448.57
07/09/2018	32286	Yucaipa Valley Water District	\$ 12,148.34
07/09/2018	32287	Charles P. Crowley Company, In	\$ 845.72
07/09/2018	32288	Grainger	\$ 1,775.43
07/09/2018	32289	Hemet Valley Tool Inc.	\$ 187.49
07/09/2018	32290	CANDELARIA, THOMAS	\$ 14.34
07/09/2018	32291	CWEA-TCP (OAKPORT ST.)	\$ 100.00
07/09/2018	32292	California Water Efficiency Pa	\$ 3,268.86
07/09/2018	32293	State Water Resources Control	\$ 150.00
07/09/2018	32294	James Rowell	\$ 190.00
07/09/2018	32295	Ward & Ward	\$ 1,680.00
07/09/2018	32296	Lina Robert	\$ 44.95
07/09/2018	32297	Berkshire Hathaway Homestate C	\$ 11,243.89
07/09/2018	32298	Nippon Life Insurance Co. of A	\$ 2,618.34
07/09/2018	32299	Doug Earnest	\$ 14.69

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
07/16/2018	32300	Santa Ana Watershed Project Au	\$ 13,712.00
07/16/2018	32301	Water Environment Federation	\$ 255.00
07/16/2018	32302	Christopher R. Crosby	\$ 90.00
07/16/2018	32303	Kelly Hamilton	\$ 163.53
07/16/2018	32304	Delta Partners, LLC	\$ 7,500.00
07/16/2018	32305	Dudek & Associates, Inc	\$ 20,610.85
07/16/2018	32306	HDR Engineering, Inc.	\$ 3,511.92
07/16/2018	32307	One Stop Landscape Supply Inc	\$ 19,630.00
07/16/2018	32308	Pacific Coast Landscape & Desi	\$ 39,131.80
07/16/2018	32309	Pascal & Ludwig Constructors I	\$ 29,032.00
07/16/2018	32310	Platinum Advisors, LLC	\$ 5,125.00
07/16/2018	32311	Superior Tank Solutions, Inc.	\$ 56,539.50
07/16/2018	32312	David L. Wysocki	\$ 3,150.00
07/16/2018	32313	Luke's Transmission Inc.	\$ 380.71
07/16/2018	32314	Ameripride Uniform Services	\$ 859.17
07/16/2018	32315	John F. Simister	\$ 1,543.73
07/16/2018	32316	Best Home Center	\$ 133.43
07/16/2018	32317	California Department of Fish	\$ 2,170.50
07/16/2018	32318	Center Electric Services, Inc.	\$ 4,897.72
07/16/2018	32319	Central Communications	\$ 498.25
07/16/2018	32320	Cliff's Pest Control, Inc.	\$ 115.00
07/16/2018	32321	Clinical Laboratory of San Ber	\$ 12,151.00
07/16/2018	32322	Corelogic, Inc.	\$ 330.00
07/16/2018	32323	Dudek & Associates, Inc	\$ 2,380.00
07/16/2018	32324	Evoqua Water Technologies LLC	\$ 2,230.61
07/16/2018	32325	Fedex	\$ 96.67
07/16/2018	32326	Fuel Equipment Services, Inc.	\$ 1,467.47
07/16/2018	32327	Incode Division-Tyler Technolo	\$ 5,391.40
07/16/2018	32328	InfoSend, Inc.	\$ 5,311.04
07/16/2018	32329	Innerline Engineering	\$ 1,750.00
07/16/2018	32330	Konica Minolta Business Soluti	\$ 1,128.02
07/16/2018	32331	MailFinance Inc.	\$ 706.14
07/16/2018	32332	Nagem, Inc.	\$ 2,890.00
07/16/2018	32333	Northrop Gruman-IS	\$ 4,260.44
07/16/2018	32334	Pacific Coast Landscape & Desi	\$ 4,160.00
07/16/2018	32335	Red Alert Special Couriers	\$ 344.26
07/16/2018	32336	San Gorgonio Pass Water Agency	\$ 26,104.32
07/16/2018	32337	Separation Processes, Inc.	\$ 2,040.00
07/16/2018	32338	Association of San Bernardino	\$ 32.00
07/16/2018	32339	Spectrum Business	\$ 2,650.50
07/16/2018	32340	Tri County Pump Company	\$ 2,351.98
07/16/2018	32341	Brenntag Pacific, Inc	\$ 11,854.68
07/16/2018	32342	Emergency Power Controls, Inc.	\$ 6,874.21
07/16/2018	32343	Fastenal Company	\$ 148.57
07/16/2018	32344	Inland Water Works Supply Co.	\$ 14,412.37

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
07/16/2018	32345	Nuckles Oil Company, Inc.	\$ 6,783.37
07/16/2018	32346	Polydyne Inc.	\$ 2,949.12
07/16/2018	32347	Hadronex, Inc.	\$ 18,897.26
07/16/2018	32348	Uline, Inc.	\$ 2,822.47
07/16/2018	32349	Wells Tapping Service, Inc	\$ 6,000.00
07/16/2018	32350	YSI Incorporated	\$ 188.56
07/16/2018	32351	CWEA-TCP (OAKPORT ST.)	\$ 92.00
07/16/2018	32352	CWEA-TCP (OAKPORT ST.)	\$ 92.00
07/20/2018	32353	PAYROLL CHECK	\$ 2,299.63
07/20/2018	32354	WageWorks, Inc.	\$ 1,381.51
07/20/2018	32355	California State Disbursement	\$ 115.38
07/20/2018	32356	California State Disbursement	\$ 397.38
07/20/2018	32357	Department of the Treasury - I	\$ 50.00
07/23/2018	32358	LUPU, COSTICA	\$ 15.90
07/23/2018	32359	STANLEY, SARAH	\$ 15.52
07/23/2018	32360	Addiction Medicine Consultants	\$ 60.00
07/23/2018	32361	Matthew M. Barlow	\$ 546.01
07/23/2018	32362	Ameripride Uniform Services	\$ 754.66
07/23/2018	32363	Amiad USA, Inc.	\$ 18,197.58
07/23/2018	32364	AT&T Mobility	\$ 1,540.67
07/23/2018	32365	Burgeson's Heating & Air Cond.	\$ 99.00
07/23/2018	32366	Charles Wayne Hippenstiel	\$ 3,360.00
07/23/2018	32367	Computerized Embroidery Compan	\$ 1,553.76
07/23/2018	32368	DC Frost Associates, Inc.	\$ 4,884.34
07/23/2018	32369	Frontier Communications	\$ 149.79
07/23/2018	32370	Fuel Equipment Services, Inc.	\$ 7,160.00
07/23/2018	32371	InfoSend, Inc.	\$ 3,566.82
07/23/2018	32372	James Apacible	\$ 3,494.99
07/23/2018	32373	JB Paving & Engineering, Inc.	\$ 3,480.00
07/23/2018	32374	Krieger & Stewart	\$ 76,145.88
07/23/2018	32375	NetComp Technologies, Inc.	\$ 3,550.00
07/23/2018	32376	Office Solutions Business Prod	\$ 73.13
07/23/2018	32377	Pro-Pipe & Supply, Inc.	\$ 11.31
07/23/2018	32378	SCE Rosemead	\$ 285,718.00
07/23/2018	32379	Smarthire	\$ 241.80
07/23/2018	32380	South Coast A.Q.M.D.	\$ 538.58
07/23/2018	32381	Spectrum Business	\$ 2,445.46
07/23/2018	32382	Terminix Commercial	\$ 582.00
07/23/2018	32383	Campbell Contracting Inc.	\$ 510.00
07/23/2018	32384	YSI Incorporated	\$ 31.84
07/23/2018	32385	Marianne McVey	\$ 1,745.88
07/23/2018	32386	Armorcast Products Company	\$ 35,950.79
07/23/2018	32387	Brenntag Pacific, Inc	\$ 21,010.12
07/23/2018	32388	Air Pacific Compressors, Inc.	\$ 420.00
07/23/2018	32389	Fisher Scientific Co.	\$ 1,243.44

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
07/23/2018	32390	Hasa, Inc.	\$ 3,873.08
07/23/2018	32391	Inland Water Works Supply Co.	\$ 11,852.50
07/23/2018	32392	Nuckles Oil Company, Inc.	\$ 3,188.28
07/23/2018	32393	Nalco Company	\$ 10,328.10
07/23/2018	32394	National Business Furniture LL	\$ 2,166.10
07/23/2018	32395	NCL Of Wisconsin Inc	\$ 1,234.12
07/23/2018	32396	Schaner's WasteWater Prod., In	\$ 2,586.15
07/23/2018	32397	VSS Sales, Inc.	\$ 2,945.37
07/23/2018	32398	Calmat Company	\$ 5,198.09
07/23/2018	32399	American Family Life Assurance	\$ 3,380.52
07/23/2018	32400	Joan Cadiz	\$ 603.36
07/23/2018	32401	Cobb's Printing, LLC	\$ 201.49
07/23/2018	32402	Joe DeSalliers	\$ 646.39
07/23/2018	32403	Ronald Elisalda	\$ 454.57
07/23/2018	32404	Rodd Greene	\$ 648.15
07/23/2018	32405	Dennis Neff	\$ 599.99
07/23/2018	32406	Robert Wall	\$ 599.99
07/23/2018	32407	Western Dental Services, Inc.	\$ 203.54
07/23/2018	32408	MetLife Small Business Center	\$ 147.22
07/23/2018	32409	WageWorks, Inc.	\$ 207.50
07/23/2018	32410	Ashley Gibson	\$ 329.47
07/23/2018	32411	Dustin Hochreiter	\$ 418.59
07/23/2018	32412	Allison Edmisten	\$ 88.87
			\$ 1,404,885.86
07/06/2018	electronic pmt	IRS - PAYROLL TAXES	\$ 57,080.62
07/06/2018	electronic pmt	CA-EDD	\$ 9,976.27
07/06/2018	electronic pmt	VOYA-457	\$ 6,114.27
07/06/2018	electronic pmt	CalPERS - HEALTH	\$ 72,480.51
07/06/2018	electronic pmt	CA-PERS Supplemental Income 45	\$ 24,890.20
07/06/2018	electronic pmt	Public Employees' Retirement S	\$ 28,148.77
07/09/2018	electronic pmt	Public Employees' Retirement S	\$ 512,816.00
07/20/2018	electronic pmt	IRS - PAYROLL TAXES	\$ 56,969.72
07/20/2018	electronic pmt	CA-EDD	\$ 10,418.64
07/20/2018	electronic pmt	VOYA-457	\$ 4,834.67
07/20/2018	electronic pmt	CA-PERS Supplemental Income 45	\$ 22,705.12
07/20/2018	electronic pmt	Public Employees' Retirement S	\$ 29,229.25
07/23/2018	electronic pmt	CalPERS - HEALTH	\$ 101,157.13
			\$ 936,821.17

Staff Report



Yucaipa Valley Water District

Discussion Items



Yucaipa Valley Water District



Director Memorandum 18-115

Date: August 21, 2018

Prepared By: Joseph Zoba, General Manager

Subject: Public Hearing – Consideration of Resolution No. 2018-27 Updating the Calculation for Facility Capacity Charges Related to the Purchase of Water Resources for New Development within the Boundary of the San Gorgonio Pass Water Agency and the City of Calimesa

Recommendation: That the Board conducts a public hearing and receives comments prior to considering the adoption of Resolution No. 2018-27.

The Yucaipa Valley Water District currently charges \$13,478 per dwelling unit for facilitate capacity charges for each new residential unit constructed in our service area. This fee recovers costs expended by the District for the construction of the following facilities:

Description of Drinking Water Component	Existing Facility Capacity Charges
Yucaipa Valley Regional Water Filtration Facility	\$3,811
Recycled Water System	\$823
Booster Pumping Plants	\$885
Pipeline Facilities	\$4,407
Water Storage Reservoirs	\$3,552
Total	\$13,478

While the District’s development related fees are typically more expensive than neighboring agencies, the Yucaipa Valley Water District has consistently pursued extensive improvements and fully-integrated solutions to secure long-term, reliable, and resilient water and sewer service for our customers.

On July 27, 2015, the Board of Directors of the San Gorgonio Pass Water Agency (“SGPWA”) adopted Resolution No. 2015-05 adopting facility capacity fees for new infrastructure and additional water resources. The adoption of this resolution was deemed necessary by the SGPWA to “...meet future increasing demands for SGPWA supplemental water to the SGPWA service area which will require additional water facilities to be constructed to distribute water and to acquire additional water rights to meet future increasing demands.”¹

¹ This fee only is applicable to developments in the Calimesa portion of the Yucaipa Valley Water District service area. The portion of the Yucaipa Valley Water District in the City of Yucaipa receives imported water service from the San Bernardino Valley Municipal Water District.

On September 19, 2017, the Board of Directors adopted Resolution No. 2017-23 Establishing the Methodology to Calculate and the Collection of Facility Capacity Charges Related to the Purchase of Water Resources for New Development within the Boundary of the San Gorgonio Pass Water Agency and the City of Calimesa.

Section 2.E. of Resolution No. 2017-23 provides for an adjustment of the fee based on "...on (i) changes by the San Gorgonio Pass Water Agency as provided in Resolution No. 2015-05 and subsequent versions; and (ii) on October 1st of each year based on the State Water Project reliability determination as of September 30th by the California Department of Water Resources".

Based on the methodology within Resolution No. 2017-23, the additional cost per residential dwelling unit in the City of Calimesa was calculated to be \$4,683 for a home that is dual-plumbed to receive recycled water for front and rear yard irrigation use. This charge is not applicable to new development in the City of Yucaipa.

Methodology Used to Calculate the Supplemental Water Facility Capacity Charge for Supplemental Water Resources

- One Domestic Use Factor (1.0 DUF) = 10 kgal/monthly billing period
 - Annual Drinking Water Demand = 120 kgal per year - Estimated²
 - Daily Drinking Water Demand of 330 gpd/EDU - Estimated³
- 0% Interest
- 49.0% State Water Project Reliability Factor - Ten-Year Rolling Average
 - ~~2018 State Water Project Allocation on September 30 - 35% (DWR Notice 17-05)⁴~~
 - 2017 State Water Project Allocation on September 30 - 85% (DWR Notice 17-05)
 - 2016 State Water Project Allocation on September 30 - 60% (DWR Notice 16-06)
 - 2015 State Water Project Allocation on September 30 - 20% (DWR Notice 15-03)
 - 2014 State Water Project Allocation on September 30 - 20% (DWR Notice 14-08)
 - 2013 State Water Project Allocation on September 30 - 35% (DWR Notice 13-09)
 - 2012 State Water Project Allocation on September 30 - 65% (DWR Notice 12-09)
 - 2011 State Water Project Allocation on September 30 - 80% (DWR Notice 11-06)
 - 2010 State Water Project Allocation on September 30 - 50% (DWR Notice 10-11)
 - 2009 State Water Project Allocation on September 30 - 40% (DWR Notice 09-07)
 - ~~2008 State Water Project Allocation on September 30 - 35% (DWR Notice 08-03)~~
- \$6,231/Acre Foot Permanent Water Right Estimate
 - Most Recent San Gorgonio Pass Permanent Water Right Purchase Estimate

Calculation:

$$120 \text{ kgal} \times \frac{1,000 \text{ gal}}{1 \text{ kgal}} \times \frac{0.000003069 \text{ AF}}{\text{gallon}} \times \frac{\$6,231}{\text{Acre Foot}} \times \frac{1}{0.490 \text{ Reliability}} = \underline{\underline{\$4,683/\text{EDU}}}$$

² This quantity may be updated or modified in a project specific development agreement.

³ This quantity may be updated or modified in a project specific development agreement.

⁴ On May 21, 2018, the Department of Water Resources issued a Notice to State Water Project Contractors (Number 18-05) setting the 2018 State Water Project Allocation to 35%. Said Notice is anticipated to remain in effect on September 30, 2018. However, if there is a change to the State Water Project Allocation before September 30, 2018, an updated resolution and sample methodology will be presented to the Yucaipa Valley Water District Board of Directors for consideration.

PUBLIC HEARING PROCESS

The following process was developed to encourage and facilitate public participation by identifying when public comments and testimony are received during the agenda item.

RESOLUTION NO. 2018-27

A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT UPDATING THE CALCULATION FOR FACILITY CAPACITY CHARGES RELATED TO THE PURCHASE OF PERMANENT WATER RESOURCES FOR NEW DEVELOPMENT WITHIN THE BOUNDARY OF THE SAN GORGONIO PASS WATER AGENCY AND THE CITY OF CALIMESA

_____ **Staff Presentation** - A District staff member will provide a brief presentation and overview of this agenda item.

_____ **Questions by the Board of Directors to District Staff** - The Board President will ask if there are any questions at this time from board members based on the staff presentation.

_____ **Open the Public Hearing** - The Board President will open the public hearing stating the time of day to be recorded in the board meeting minutes.

_____ **Comments from the Public and Property Owners** - The Board of Directors will request written and oral comments from the public as part of the deliberation and consideration process. The Board of Directors will be focused on receiving information to assist in the decision-making process and will not answer questions or debate an issue. This portion of the public hearing process provides an opportunity for the public and property owners to enter information into the record that should be considered by the Board of Directors.

_____ **Close the Public Hearing** - The Board President will close the public hearing stating the time of day to be recorded in the board meeting minutes.

_____ **Final Comments by District Staff** - The District staff may provide additional information and clarification of issues discussed during the public hearing process to assist the deliberation by the Board of Directors.

_____ **Questions by the Board of Directors** - The Board President will determine if there are any questions from the Board of Directors.

_____ **Entertain a motion from the Board** - The Board President will ask for a motion from the Board of Directors based on information presented.

RESOLUTION NO. 2018-27**A RESOLUTION OF THE YUCAIPA VALLEY WATER DISTRICT UPDATING THE CALCULATION FOR FACILITY CAPACITY CHARGES RELATED TO THE PURCHASE OF PERMANENT WATER RESOURCES FOR NEW DEVELOPMENT WITHIN THE BOUNDARY OF THE SAN GORGONIO PASS WATER AGENCY AND THE CITY OF CALIMESA**

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

WHEREAS, the District has adopted Facility Capacity Charges for drinking water, sewer, and recycled water services; and

WHEREAS, the District's Board of Directors reviewed Resolution No. 2015-05 adopted by the San Gorgonio Pass Water Agency (the "Pass Water Agency") and its Capacity Fee Study and documentation ("Study") supporting the need for supplemental water to provide service to new development within the boundary of the Pass Water Agency; and

WHEREAS, the above-referenced Study was considered by the District's Board of Directors at several board workshops, board meetings, and the public hearing; and

WHEREAS, the District's Board of Directors is expected to secure supplemental water from the Pass Water Agency when a permanent source of supply is secured and available to provide service to new development within the service area of the Pass Water Agency; and

WHEREAS, the purpose of the supplemental water capacity charge is to purchase and/or finance, in whole or in part, permanent water rights dedicated to the District or fund the implementation of a similar program that provides the same permanent water supply for new development within the boundary of both the District and the Pass Water Agency; and

WHEREAS, the fee structure and methodology established herein is set forth as the supplemental water fee adopted by the Pass Water Agency (as may be modified) in its Resolution No. 2015-05, Section 7 as a reasonable estimate for securing supplemental water rights unless modified by the District's Board of Directors; and

WHEREAS, the facts and evidence presented to the District's Board of Directors during previous board workshops and board meetings, including the Pass Water Agency's Study, demonstrate that the facility capacity charge related to supplemental water to be levied by the District will not exceed the estimated reasonable cost for providing the services for which the capacity charges are imposed and, therefore, complies with Government Code Section 66013; and

WHEREAS, the District is relying upon the facts and evidence presented in the Pass Water Agency's Study to support the need for the supplemental facility capacity charge expected to be assessed by the Pass Water Agency; and

WHEREAS, the supplemental water facility capacity charge established herein is exempt from the California Environmental Quality Act, Public Resources Code, Section 21080(b)(8) because the charges are imposed to obtain funds necessary to maintain services within the District; and WHEREAS, this resolution shall be implemented to supplement the facility capacity charges currently in effect by the Yucaipa Valley Water District; and

WHEREAS, the charges set forth herein are being adopted following a public hearing and notices provided in accordance with the requirements of Government Code, Section 66000, et seq.,

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Yucaipa Valley Water District, as follows:

1. Purpose and Implementation. The charges set forth herein are for the purpose of implementing the San Gorgonio Pass Water Agency Resolution No. 2015-05 provided as Exhibit A and as supported by the Pass Water Agency's Study.
2. Implementation of the San Gorgonio Pass Water Agency Resolution No. 2015-05. The Board of Directors of the Yucaipa Valley Water District hereby directs the General Manager to include language in development agreements within the boundary of the San Gorgonio Pass Water Agency, subject to further review and approval by the Board of Directors, adequate to ensure permanent water resources are secured for all new development within the San Gorgonio Pass Water Agency boundary.
 - A. All new development shall be required to be dual-plumbed with recycled water to meet the irrigation demands; and drinking water to meet drinking water and fire flow demands.
 - B. A Domestic Use Factor (DUF) shall be based on an equivalent volume of drinking water used to meet domestic water demands for a typical equivalent single-family residential dwelling unit (EDU). The District staff is directed to provide information to evaluate the conversion factor for the DUF based on data acquired in the future. For purposes of this resolution, one DUF is equal to 10 kgal per monthly billing period.
 - C. Drinking water demand shall be determined for each parcel in units of gallons per day per Equivalent Dwelling Unit (gpd/EDU) and expressed as a Domestic Use Factor (DUF) to 1/10th. The DUF will be used to calculate the Supplemental Water Facility Capacity Charge for each parcel within the Pass Water Agency service area.

Typical components used to calculate the Supplemental Water Facility Capacity Charge for the purchase of permanent water supplies shall include: (i) the DUF for each parcel; (ii) the lesser of either 0% or the actual interest charge incurred by the District necessary to finance the construction of facilities or purchase of supplemental water rights; (iii) the rolling average of ten prior years of State Water Project reliability as determined by the California Department of Water Resources in effect on September 30th of each calendar year; and (iv) the estimated or actual cost of securing permanent supplemental water supplies by the San Gorgonio Pass Water Agency.

An example of the calculation methodology is provided in Exhibit B.



- D. Property owners and/or developers that provide sufficient permanent secured water rights and/or water resources shall receive a credit for the Supplemental Water Facility Capacity Charge required by this resolution if the secured water resources are permanently dedicated to the Yucaipa Valley Water District prior to executing a development agreement for the subject development.
 - E. Based on the example calculation methodology illustrated in Exhibit B, the Supplemental Water Facility Capacity Charge shall automatically be adjusted without further action of the Board of Directors based on (i) changes by the San Geronio Pass Water Agency as provided in Resolution No. 2015-05 and subsequent versions; and (ii) on October 1st of each year based on the State Water Project reliability determination as of September 30th by the California Department of Water Resources.
3. Monthly Water Demands in Excess of Paid Supplemental Water Facility Capacity Charge. The Board of Directors of the Yucaipa Valley Water District hereby directs the implementation of a surcharge for drinking water demands by customers that exceed the quantity of Supplemental Water Facility Capacity Charge as determined and assessed to each parcel for the use of supplemental water rights on an as needed basis.
- A. The Domestic Use Factor (DUF) used to calculate the Supplemental Water Facility Capacity Charge shall be evaluated each billing period to determine if the quantity of drinking water delivered exceeded the DUF purchased for the property.
 - B. If the quantity of drinking water delivered is equal to or less than the DUF used to calculate the Supplemental Water Facility Capacity Charge, then no surcharge shall be applied.
 - C. If the quantity of drinking water delivered is greater than the DUF used to calculate the Supplemental Water Facility Capacity Charge, then the surcharge shall be applied as provided in Exhibit C.
4. Equivalent Alternatives to Secured Supplemental Water Sources. The Board of Directors of the Yucaipa Valley Water District hereby directs the District staff to pursue the planning and implementation of direct potable reuse of recycled water as a feasible alternative to securing supplemental imported water from areas outside of the Yucaipa Valley Water District. Funds collected pursuant to this Resolution may be substituted for constructing and implementing a direct potable reuse project at the Wochholz Regional Water Recycling Facility and the Yucaipa Valley Regional Water Filtration Facility. Furthermore, the District staff is directed to pursue Federal and State funding to bridge the anticipated shortfall in funds if this equivalent source of supply becomes a reliable alternative to imported water.
5. Effective Date. This Resolution shall become effective on January 1, 2019 and shall remain in effect until such time as it is rescinded or superseded.
6. This Resolution supersedes Resolution No. 2017-23 adopted on September 19, 2017.

PASSED, APPROVED and ADOPTED this 21st day of August 2018.

YUCAIPA VALLEY WATER DISTRICT

Jay Bogh, President Board of Directors

ATTEST:

Joseph B. Zoba, General Manager



Exhibit A

RESOLUTION NO. 2015-05**RESOLUTION OF THE BOARD OF DIRECTORS OF THE
SAN GORGONIO PASS WATER AGENCY
TO ADOPT FACILITY CAPACITY FEES FOR
FACILITIES AND WATER**

WHEREAS, the San Gorgonio Pass Water Agency (SGPWA) is a public agency formed and existing pursuant to Article 101 of the California Water Code Appendix (SGPWA Act) in 1961; and

WHEREAS, SGPWA entered into a contract with the California Department of Water Resources (DWR) in 1962 for a Table A amount of water capacity in the California State Water Project (SWP) which is currently 17,300 acre feet per year (AFY) to bring supplemental water to the SGPWA service area; and

WHEREAS, there is a need to meet future increasing demands for SGPWA supplemental water to the SGPWA service area which will require additional water facilities to be constructed to distribute water and to acquire additional water rights to meet future increasing demands; and

WHEREAS, the Board of Directors finds and determines that the present existing water importation, production, transportation, delivery facilities and water supplies are inadequate to meet anticipated demand; and

WHEREAS, Section 101 – 27.1(a) of the SGPWA Act authorizes SGPWA to impose a facility capacity fee, which is in the nature of a connection fee, for the right to make a new retail connection to the water distribution system of any retail water distributor that is located within the boundaries of the SGPWA and that obtains all or any portion of its water supplies from SGPWA; and

WHEREAS, Section 101- 27.1(c) also provides the facility capacity fee referred to in subdivision (a) shall be adopted, established, and imposed only following a public hearing and in accordance with the requirements set forth in Chapter 5 (commencing with Section 66000 of Division 1 of Title 7 of the Government Code as it now exists or may hereafter be amended; and

WHEREAS, the Facility Capacity Fee as set forth in the SGPWA Act, Sections 101 – 27.1 (a) through (i) will assist SGPWA to fund (1) the purchase of capacity in existing pipeline systems owned by other public agencies; (2) and additional basin recharge project for underground water storage in the Beaumont groundwater basin, including land purchases associated with such basin activity; and (3) the purchase of new water and/or water rights and entitlements to meet future water demand; and

WHEREAS, pursuant to Section 101 – 27.1 of the SGPWA Act, SGPWA has prepared a Capacity Fee Study (Study) to support the need for additional water facilities and new water and/or water rights in that the existing facilities are not adequate to meet the future increasing water needs in the SGPWA service area; and

Exhibit A

WHEREAS, the Study meets the requirements of Section 101 – 27.1 and Government Code Section 66013 to ensure that the Facility Capacity Fee does not exceed the estimated reasonable cost of providing the service for which the fee is imposed and provides a clear and concise document that will serve as the basis for the proposed fee levels; and

WHEREAS, SGPWA has provided all of the notices prior to and conducted a public hearing on July 27, 2015 required by Section 101 – 27.1 (c) of the Agency Act; and

WHEREAS, SGPWA after close of the hearing considered the Study, and proposed Findings.

NOW THEREFORE BE IT HEREBY RESOLVED

1. The matters set forth in the recitals to this Resolution are true and correct statements and are made findings and determinations of the Board of Directors.
2. That the Findings as set forth on Attachment 1 concerning the Study are hereby adopted.
3. The Board of Directors finds that the Facility Capacity Fees as defined in the Study and the Findings are for the purpose of obtaining funds for capital projects necessary to maintain service within SGPWA as set forth in this Resolution and, therefore, the establishment of such fees is not subject to the California Environmental Quality Act.
4. That the Study is hereby approved.
5. That the Facility Capacity Fees as set forth in the Study and on Attachment 2 hereof are hereby adopted and shall take effect immediately.
6. The General Manager is authorized to contract with the counties in which it is located and with the cities within the SGPWA for the collection of the Facility Capacity Fee along with building permit fees or other fees related to the improvement of property, or may contract for collection of the Facility Capacity Fees by the water retail distributors (SGPWA Act 101 – 27.1 (f)).
7. The Facility Capacity Fee component shall be automatically adjusted without further action of the Board effective on July 1st of each year, beginning July 1, 2016, by a percentage equal to the change in Construction Cost Index for Los Angeles as published by Engineering News Record for the preceding twelve months as set forth in the Study.
8. The Facility Fee component of the facility capacity fee shall be reviewed periodically as determined by the General Manager to determine if changes are needed and reasonable in unit prices, facility requirements, and water demands and demographics in order to ensure that Facility Fee cost allocations are reasonable and that collections over time will fund the required facilities.
9. The Water Capacity Fee component shall be reviewed annually in the month of July, commencing July 1, 2016 to adjust the Water Capacity Fee by a reasonable percentage based on the cost of actual water purchases, an updated water rights appraisal or comparisons of recent

Exhibit A

purchases of additional water rights by statewide municipalities and special districts over the preceding twelve months.

10. The General Manager is further authorized to take any and all other actions to implement and carry out this resolution.

11. All resolutions or administrative actions by the Board of Directors, or parts thereof that are inconsistent with any provision of this Resolution are hereby superseded only by this Resolution to the extent of such inconsistency.

12. If any section, subsection, clause, sentence, or phrase in this Resolution is for any reason held invalid, the validity of the remainder of this Resolution shall not be affected thereby. The Board hereby declares it would have passed this Resolution and each section, sentence, clause or phrase thereof, irrespective of the fact that all or more sections, subsections, clauses, sentences, or phrase are held invalid.

13. The Resolution shall take effect immediately.

AYES:

NOES:

DATE: July 27, 2015

SAN GORGONIO PASS WATER AGENCY

By _____
Secretary of the Board of Directors

Exhibit B

Sample Methodology to Calculate the Supplemental Water Facility Capacity Charge

Assumptions:

- One Domestic Use Factor (1.0 DUF) = 10 kgal/monthly billing period
 - o *Estimated Annual Drinking Water Demand = 120 kgal per year*
 - o *Estimated Daily Drinking Water Demand of 330 gpd/EDU*
- 0% Interest
- 49.0% State Water Project Reliability Factor - Ten-Year Rolling Average
 - o *2018 State Water Project Allocation on September 30 - 35% (DWR Notice 18-05)**
 - o *2017 State Water Project Allocation on September 30 - 85% (DWR Notice 17-05)*
 - o *2016 State Water Project Allocation on September 30 - 60% (DWR Notice 16-06)*
 - o *2015 State Water Project Allocation on September 30 - 20% (DWR Notice 15-03)*
 - o *2014 State Water Project Allocation on September 30 - 20% (DWR Notice 14-08)*
 - o *2013 State Water Project Allocation on September 30 - 35% (DWR Notice 13-09)*
 - o *2012 State Water Project Allocation on September 30 - 65% (DWR Notice 12-09)*
 - o *2011 State Water Project Allocation on September 30 - 80% (DWR Notice 11-06)*
 - o *2010 State Water Project Allocation on September 30 - 50% (DWR Notice 10-11)*
 - o *2009 State Water Project Allocation on September 30 - 40% (DWR Notice 09-07)*
 - o *2008 State Water Project Allocation on September 30 - 35% (DWR Notice 08-03)*
- \$6,231/Acre Foot Permanent Water Right Estimate
 - o *Most Recent San Geronio Pass Permanent Water Right Purchase Estimate*

Calculation:

$$120 \text{ kgal} \times \frac{1,000 \text{ gal}}{1 \text{ kgal}} \times \frac{0.000003069 \text{ AF}}{\text{gallon}} \times \frac{\$6,231}{\text{Acre Foot}} \times \frac{1}{0.490 \text{ Reliability}} = \underline{\underline{\$4,683/\text{EDU}}}$$

* On May 21, 2018, the Department of Water Resources issued a Notice to State Water Project Contractors (Number 18-05) setting the 2018 State Water Project Allocation to 35%. Said Notice is anticipated to remain in effect on September 30, 2018. However, if there is a change to the State Water Project Allocation before September 30, 2018, an updated resolution and sample methodology will be presented to the Yucaipa Valley Water District Board of Directors for consideration.



Date: August 21, 2018

Prepared By: Kathryn Hallberg, Implementation Manager

Subject: Consideration of Claim for Repair Costs Related to a Water Line Repair on Panorama Drive - Bolen

Recommendation: That the Board denies the claim for damages based on the information that was provided and refers the claim to the District's insurance carrier for review and processing.

On July 16, 2018, the Yucaipa Valley Water District received a claim from Ms. Patsy Bolen ("Claimant") for repair cost (\$2,975.00) due to a water line break and interruption of service to the Claimants home on Panorama Drive on June 28, 2018.

On June 28, 2018 the Claimant stated due to the main line break and water service interruption the water to the Claimants residence was turned off. The Claimant came home later that day to find her laundry room had flooded with muddy water. The Claimant called a plumbing company and the plumber told the Claimant that as the water was turned back on it caused the Claimants water pipe to rupture.

The claim was turned in to the office on July 16, 2018. The Claimant is requesting to be reimbursed for the repair cost from Big Mike's Plumbing, Invoice 52087, from June 28, 2018 in the amount of \$2,975.

District Staff recommends denial of the claim and referring the Claimant to the District insurance company.

Financial Consideration

Based on the recommendation, there is no financial impact to the District at this time.

YUCAIPA VALLEY WATER DISTRICT – CLAIM FORM

INSTRUCTIONS

On the reverse side of sheet is a claim form for filing a claim against Yucaipa Valley Water District. The original and one identical copy of this form, together with a copy of all attachments, are to be filed with the Yucaipa Valley Water District. Retain one copy for your records. Please send to this address:

Yucaipa Valley Water District

Attn: Claims Dept.

12770 2nd St

Yucaipa, Ca. 92399

(909) – 797-6381 FAX

Please fill out form completely. Additional sheets may be attached if more space is needed. Missing information may delay the processing of your claim. Please print.

Claims:

Claims for death, injury to person or personal property must be filed not later than six months after the occurrence. (Gov. Code Sec. 911.2)

Claims for damage relating to any other cause of action must be filed not later than 1 year after the occurrence. (Gov. Code Sec. 911.2)

This claim form must be signed and dated.

Who is Responsible for Damages?

No utility is in a position to guarantee 100 percent continuity of water service. However, it is our policy to investigate claims in order to determine if our conduct or inaction was unreasonable under the circumstances, thereby causing injury or damages. YVWD will not be liable for interruption or shortage or insufficiency of supply, or any loss or damage of any kind, if same is caused by inevitable accident, act of God, fire, strikes, riots, war, or any other cause except that arising from its failure to exercise reasonable diligence.

Determination of Responsibility and Payment if YVWD is at fault

YVWD will conduct an investigation based on the information you provide on your claim form and internal YVWD records and interviews with YVWD field personnel. The investigation results will determine whether your claim is accepted or rejected. If your claim is accepted, YVWD's payment with regard to property damage will depend on the extent of damage and value of the property. If the property can be repaired, YVWD will pay the cost of repair. If the property cannot be repaired, YVWD will generally pay reasonable market value for the property at the time it was damaged, or the depreciated cost to replace the property, whichever is less. Payment for bodily injury is determined by several factors including, but not limited to, type and severity of injury, medical bills incurred, loss of wages (if any) and permanent disability sustained (if any).

Claim for Damage

Name <i>PATSY A BOLEN</i>	<p style="color: red;">Clerks Date Stamp</p> <p style="color: red; font-size: small;">*This box is for Official Use only!</p>
Address <i>36226 PANORAMA YUCAIPA, CA 92339</i>	
Phone(s) <i>WX</i>	
Business <i>909-383-4287</i> Home <i>909-797-7229</i> Message/Cell <i>909-2501-6525</i>	
E-mail: <i>X213</i>	
Address at time of loss/incident:	
Description of Details: (Describe how the loss/incident occurred)	
<i>See attached</i>	
(Attach additional pages and supporting documentation as needed)	
YVWD's Involvement : (if possible, please identify employee and/or department involved) <i>ROBBIE</i>	

Witnesses: (please provide address and phone numbers)

1.	2.	3.
Property Damage (please describe the value and extent of the damage to your home, automobile or personal property: (Attach estimates, bills, or whatever documentation of damages you have)		
<i>Broken pipe</i>		

Make: _____ Model: _____ Year: _____ License # _____ Insurance Co. _____ Policy #: _____

Where you Injured?: No: <input type="checkbox"/> Yes: <input type="checkbox"/> (if yes please complete the following)
Describe your injury (Identify your doctor(s)/Health care provider(s))
Are you still receiving Medical Treatment? No: <input type="checkbox"/> Yes: <input type="checkbox"/>
Employer: _____ Type of Work: _____
Wage Loss? No: <input type="checkbox"/> Yes: <input type="checkbox"/> If Yes, rate of pay: _____

"I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct"

Date and Place (City and State)	Signature

Automobile Accident Report

Date:		
Name of Owner of Your Vehicle:		
Model Year:	Make of Car:	Body Style:
State and License No.	Mileage:	IF Leased, by Whom Held
Name of Your Insurance Co.		
Type of Insurance Carried		
Name of Driver:	Address:	Phone No.:
Relationship of Driver To Owner:	Driver's Date of Birth:	Driver's License No.:
Date of Accident:	Time: (AM / PM)	Location: (Address No. And Street)
City- Town:		State:

OCCUPANTS OF VEHICLE:

Name	Address	Approx. Age	Relation to Owner	Your Vehicle	Other Vehicle	Ped.	Injured

Nature of injuries: _____
 Where Treated: _____ Name of Treating Physician: _____

DAMAGE TO PROPERTY OF OTHERS

Extent of Damage: _____

If Auto, Make of Vehicle:	State and License #:	Driver's License #:
Owner's Name	Address:	Phone:
Driver's Name (if different)	Address:	Phone:

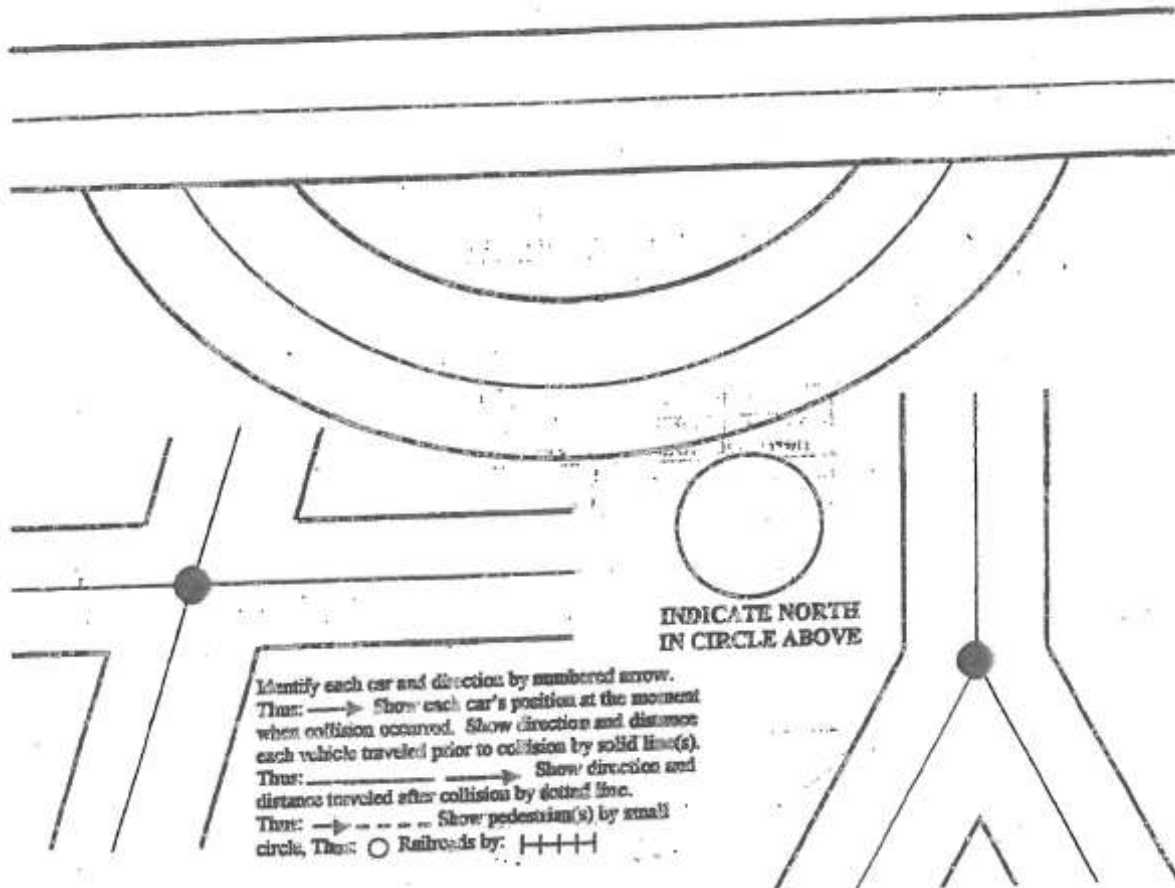
Witnesses, (include occupant's of Vehicle)

Name:	Address:	Phone:

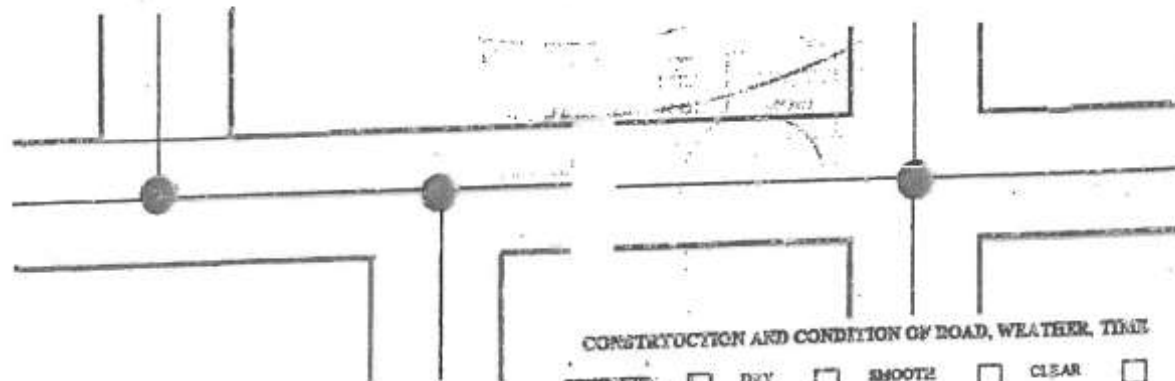
Date: 7-10-2018

Signature: *Patricia A. Bolin*

***Must Complete Back Page!**



Identify each car and direction by numbered arrow.
 Thus: —→ Show each car's position at the moment when collision occurred. Show direction and distance each vehicle traveled prior to collision by solid line(s).
 Thus: —→ Show direction and distance traveled after collision by dotted line.
 Thus: —→ Show pedestrian(s) by small circle. Thus: ○ Railroads by: + + + +



CONSTRUCTION AND CONDITION OF ROAD, WEATHER, TIME

CONCRETE	<input type="checkbox"/>	DRY	<input type="checkbox"/>	SMOOTH	<input type="checkbox"/>	CLEAR	<input type="checkbox"/>
GRAVEL	<input type="checkbox"/>	WET	<input type="checkbox"/>	ROUGH	<input type="checkbox"/>	RAINING	<input type="checkbox"/>
OKED	<input type="checkbox"/>	ICY	<input type="checkbox"/>	UPHILL	<input type="checkbox"/>	HIKY	<input type="checkbox"/>
DIRT	<input type="checkbox"/>		<input type="checkbox"/>	DOWNHILL	<input type="checkbox"/>	FOG	<input type="checkbox"/>
ASPHALT	<input type="checkbox"/>		<input type="checkbox"/>	LEVEL	<input type="checkbox"/>	SNOW	<input type="checkbox"/>

TIME OF ACCIDENT: _____ O'CLOCK AM PM

Yucaipa Valley Water District

PO Box 730

12770 2nd Street

Yucaipa, CA 92399-0730

Claims Department:

My name is Pat Bolen my address is 36226 Panorama Dr. Yucaipa CA 92399 and I am submitting a bill for repair work that had to be done on a broken water line. On Thursday June 28 early in the morning Robbie (I believe this was the gentlemen's name) came out with a crew to work on replacing the valve by the curb in the street. Therefore the water was turned off and the work was started. When the work was completed which according to my neighbors took a couple of hours they turned the water back on. When I got home after work the laundry room floor had flooded with muddy water and had been running out from under the house towards the back door for how long I do not know. I put an emergency call in to your office and they sent Robbie back out and with another worker to look it over. We turned off the water and they indicated that somewhere there was a broken pipe and to make a claim for repairs. The next morning I called Big Mikes Plumbing (this a company that my office uses for repairs and we can trust them). They went under the house checking pipes, it was discovered that a pipe from the water heater in laundry room had broken and was leaking the water. It was indicated that when the water was turned back on it should have been done slowly instead of going full force. As I mentioned earlier I am submitting a bill for the repair work that was done and hopefully the district will take care of the repair.

Pat Bolen

909-797-7229

909-383-4287 ext 212

RECEIVED
JUL 16 2018
YUCAIPA VALLEY
WATER DISTRICT

Invoice No. 52007
 Plumbing Contractor Lic. #734772
 Class A -General Engineering
 C-36 & C-42



Tel: (909) 888-8736
 Tel: (909) 885-8571
 Tel: (909) 798-8187
 Tel: (951) 682-5222
 FAX (909) 888-0893

P.S.I.

Over 80 lbs voids all warranties.

www.bigmikesplumbing.com

AGREEMENT WITH

Name: Pat Bolen Date: 7-5-18
 Job At: 36226 Panolama dr Serviceman: SC011
 City: Yucaipa Telephone: (909) 797-7229

BILL TO

Name: _____ Address: _____
 City: _____ Zip: _____ Phone: _____
 Old Customer: _____ New Customer: _____

WORK AUTHORIZATION-I/We hereby authorize the work described along with the necessary materials and parts _____ WORK ORDERED: _____

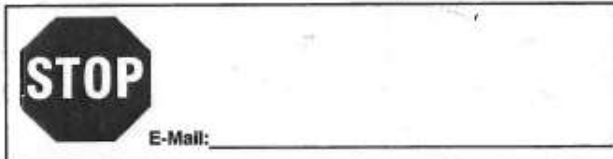
Labor Guaranteed 30 Days Unless Otherwise Stated

Big Mike's Plumbing is not responsible for landscaping.

DESCRIPTION OF WORK PERFORMED
 MATERIAL USED

AMOUNT

DESCRIPTION OF WORK PERFORMED MATERIAL USED	AMOUNT
Slab Leak in dining room hot water side	
had to cut tile and jackhammer concrete floor	
to expose pipe cut out 3 foot section of	
galvanized 1/2 pipe that was cracked then used	
proper repair fitting and new section of pipe	
turned water on checked for leaks none at this time	
replaced concrete	



TO OUR CUSTOMERS: Service men are required to have work slip signed. This is done in order to protect you, the workmen, and ourselves and to enable us to give you absolute satisfactory service. You are respectfully requested to examine material and labor statement before workmen leave the job, and if you find everything satisfactory, okay this ticket. If service is unsatisfactory, in any way, please phone our office immediately.

"I find the time and material charged above satisfactory and agree to pay for same on presentation of invoice, and further agree to pay reasonable charge for collection including attorneys fees in the event of my default."

A PENALTY WILL BE CHARGED AT THE RATE OF 11/2% PER MONTH ON UNPAID BALANCES AFTER 30 DAYS OF INVOICE DATE. ANNUAL PERCENTAGE RATE 18%.

Signed by Pat Bolen
 by _____

Billings _____
 Credit Cards \$ _____
 Cash \$ _____
 Estimates _____
 Checks _____
 Labor: # _____
 Total Materials # _____
 Ins. Deductible # _____
TOTAL: # 1975



Director Memorandum 18-117

Date: August 21, 2018

Prepared By: Allison M. Edmisten, Chief Financial Officer
Peggy Little, Administrative Supervisor

Subject: Presentation of the Unaudited Financial Report for the Period Ending on July 31, 2018

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

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

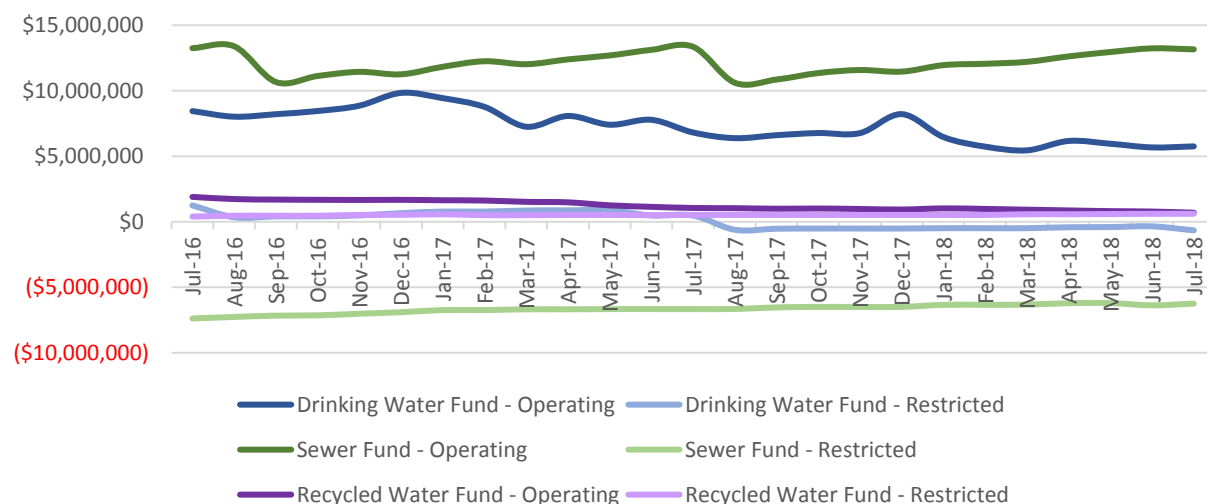
Cash Fund Balance and Cash Flow Reports

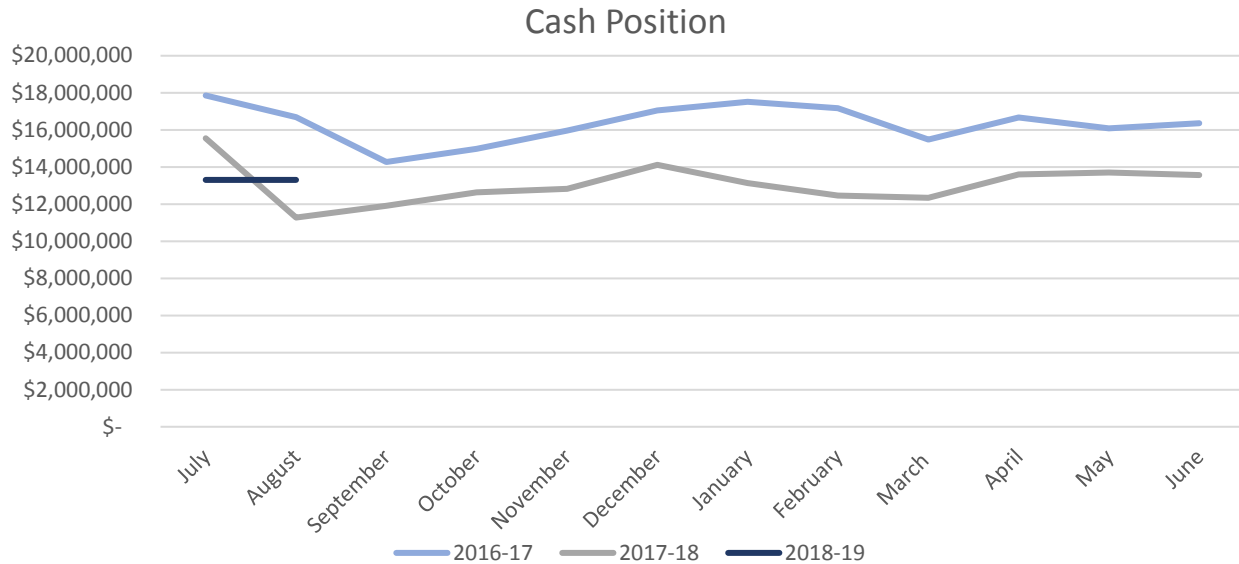
[Detailed information can be found on page 7 to 8 of 24]

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

Fund Source	Operating Funds	Restricted Funds	Total Funds
Water Division	\$ 5,752,752.62	\$ (655,689.84)	\$ 5,097,062.78
Sewer Division	\$ 13,159,261.03	\$ (6,246,776.51)	\$ 6,912,484.52
Recycled Water Division	\$ 689,444.76	\$ 607,498.41	\$ 1,296,943.17
Total	\$ 19,601,458.41	\$ (6,294,967.94)	\$ 13,306,490.47

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.

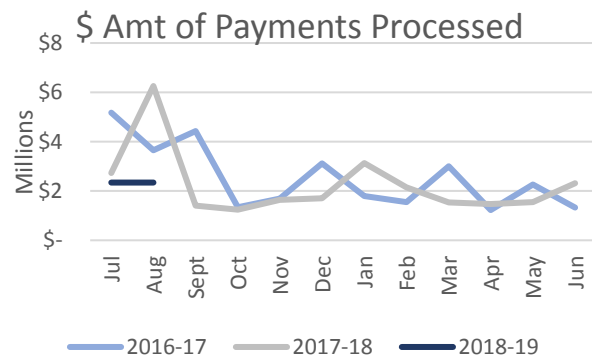
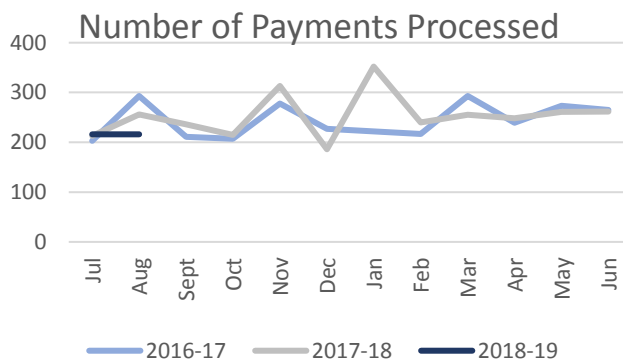
The Cash Flow Report provides a list of the debt service payment due dates and amounts as well as the cash flow requirements for debt service for each month of the fiscal year.

Cash Disbursement Report

[Detailed information can be found on pages 9 to 13 of 24]

The cash disbursement report lists each check and electronic payment processed during the month of July 2018. All payments are reviewed by District staff for accuracy and completeness, checks are usually signed by the General Manager and one Director, but may be signed by two Directors. The Chief Financial Officer will make any check, payment, invoice or supporting documentation available for review to any board member upon request.

	Number Processed	Amount Processed
Checks	203	\$ 1,404,885.86
Electronic Payments	13	\$ 936,821.17
Total	216	\$ 2,341,707.03



Financial Account Information

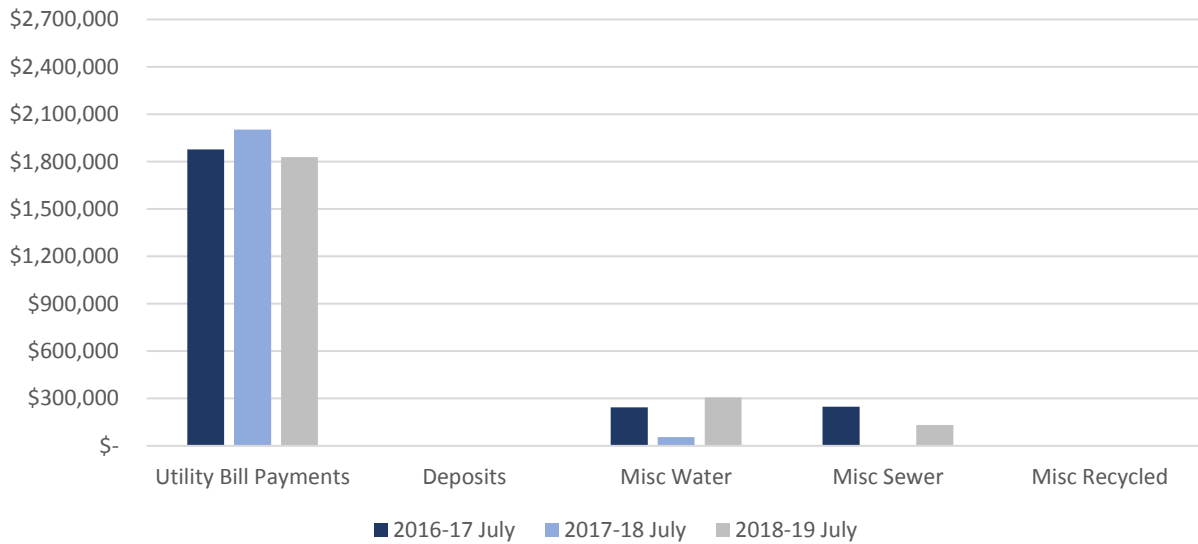
The District currently deposits all revenue received into the Deposit Checking account. The General Checking account is used as a sole processing account for all District checks and electronic payroll. The Investment Checking account is used for the purchase and redemption of US treasury notes and bills 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	\$ 1,828,192.00
Deposits	\$ 0
Misc. Water Related Activities	\$ 306,212.99
Misc. Sewer Related Activities	\$ 131,725.61
Misc. Recycled Related Activities	\$ 13.04
Total	\$ 2,266,143.64

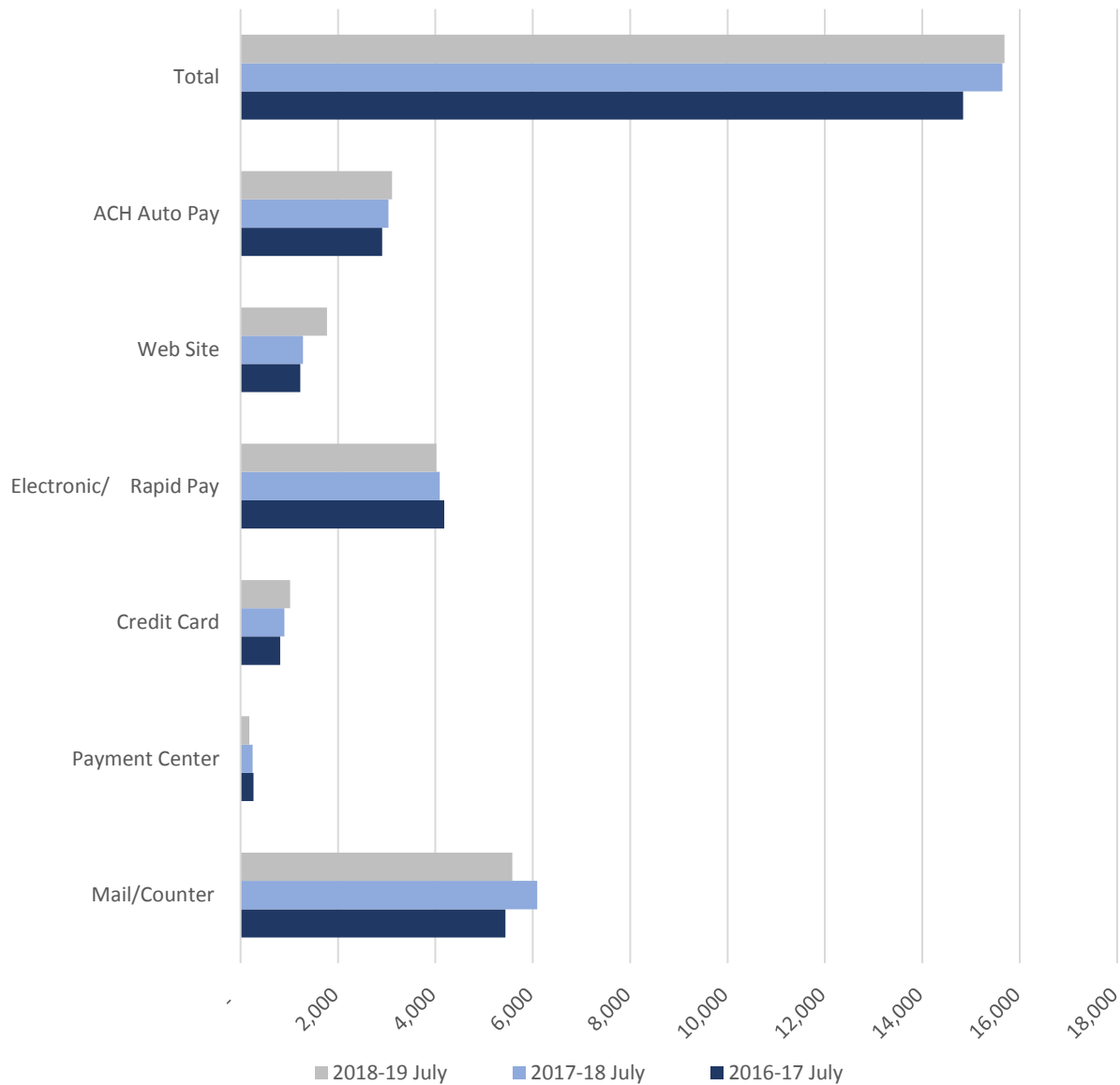
Monthly Revenue Allocation



Summary of Utility Bill Payments:

Payment Method	Number of Payments	% of Total Received
Mail/Counter	5,580	35.57%
Payment Center	182	1.16%
Credit Card	1,018	6.49%
Electronic Rapid Pay	4,022	25.64%
Web Site	1,775	11.32%
ACH Auto Pay	3,109	19.82%
Total	15,686	100.00%

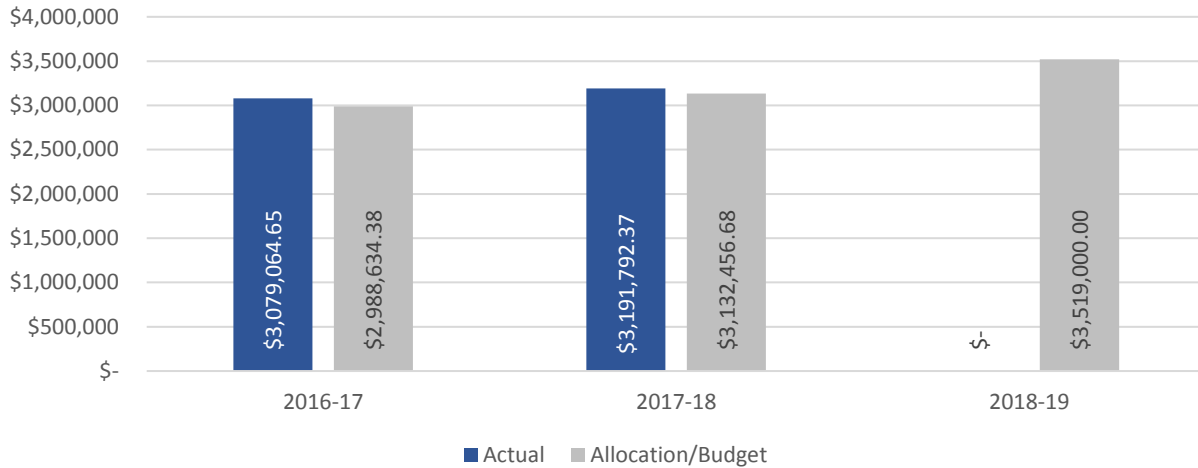
Type of Payments



Summary of Property Tax Revenue:

Current Month	Year-to-Date	Budget Amount	Percentage
Property Taxes	\$ 0	\$ 3,519,000	0%

Property Taxes - Actual vs. Allocation



Investment Summary

[Detailed information can be found on pages 14 to 15 of 24]

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

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

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

Fiscal Year 2018-19 Detail Budget Status

[Detailed information can be found on pages 16 to 24 of 24]

The revenue and expense budget status for the 2018-19 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 July 31, 2018 (5% of Budget Cycle)				
Division	Current Month	Year-to-Date	Budget Amount	Percentage
Water	\$ 1,005,306	\$ 1,005,306	\$ 14,150,445	7.10%
Sewer	\$ 980,617	\$ 980,617	\$ 12,337,754	7.95%
Recycled Water	\$ 57,108	\$ 57,108	\$ 1,293,270	4.42%
District Revenue	\$ 2,043,031	\$ 2,043,031	\$ 27,781,469	7.35%

Summary of Water Budget vs. Expenses As of July 31, 2018 (5% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Water Resources	\$ 248,295	\$ 248,295	\$ 5,274,337	4.71%
Public Works	\$ 235,103	\$ 235,103	\$ 3,177,454	7.40%
Administration	\$ 296,984	\$ 296,984	\$ 3,403,916	8.72%
Long Term Debt	\$ -	\$ -	\$ 2,294,738	0.00%
Asset Acquisition	\$ -	\$ -	\$ -	0.00%
TOTAL	\$ 780,382	\$ 780,382	\$ 14,150,445	5.51%

Summary of Sewer Budget vs. Expenses As of July 31, 2018 (5% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Treatment	\$ 251,156	\$ 251,156	\$ 4,256,607	5.90%
Administration	\$ 226,263	\$ 226,263	\$ 2,924,466	7.74%
Environmental Control	\$ 89,969	\$ 89,969	\$ 1,322,963	6.80%
Long Term Debt	\$ -	\$ -	\$ 3,833,718	0.00%
Asset Acquisition	\$ -	\$ -	\$ -	0.00%
TOTAL	\$ 567,388	\$ 567,388	\$ 12,337,754	4.60%

Summary of Recycled Water Budget vs. Expenses As of July 31, 2018 (5% of Budget Cycle)				
Department	Current Month	Year-to-Date	Budget Amount	Percentage
Administration	\$ 63,439	\$ 63,439	\$ 1,293,270	4.91%
TOTAL	\$ 63,439	\$ 63,439	\$ 1,293,270	4.91%

District Expenses	\$ 1,411,209	\$ 1,411,209	\$ 27,781,469	5.08%
--------------------------	---------------------	---------------------	----------------------	--------------

Cash Fund Balance Report - July 2018

Water Division		GL#	Balance
Restricted	*ID 1 Construction Funds	02-10216	\$ 293,145.85
	*ID 2 Construction Funds	02-10217	\$ 80,409.31
	*FCC - Debt Service YVRWFF Phase I	02-10401	\$ (3,849,600.07)
	*FCC - Future YVRWFF Phase II & III	02-10403	\$ 439,442.53
	*FCC - Recycled System	02-10410	\$ (834,641.26)
	*FCC - Booster Pumping Plants	02-10411	\$ 721,578.74
	*FCC - Pipeline Facilities	02-10412	\$ 165,800.49
	*FCC - Water Storage Reservoirs	02-10413	\$ 2,328,174.57
Operating	Depreciation Reserves	02-10310	\$ 625,937.77
	Infrastructure Reserves	02-10311	\$ 4,006,083.00
	Sustainability Fund	02-10313	\$ 158,554.86
	Rate Stabilization Fund	02-10314	\$ 500,209.14
	Imported Water Fund - MUNI	02-10315	\$ 575,711.69
	Imported Water Fund - SGPWA	02-10316	\$ 735,643.08
	Operating Funds:		\$ (849,386.92)
Total Water Division			\$ 5,097,062.78

Sewer Division		GL#	Balance
Restricted	*SRF Reserve Fund - Brineline	03-10218	\$ 637,449.00
	*SRF Reserve Fund - WISE	03-10219	\$ 184,928.00
	*SRF Reserve Fund - R 10.3	03-10220	\$ 51,531.00
	*SRF Reserve Fund - Crow St	03-10221	\$ 19,255.00
	*FCC - Debt Service WWTP Expansion & Upgrade	03-10405	\$ 2,025,277.82
	*FCC - Future WWTP Expansion	03-10407	\$ 1,543,771.07
	*FCC - Sewer Interceptors	03-10415	\$ (733,961.48)
	*FCC - Lift Stations	03-10416	\$ 380,697.50
	*FCC - Effluent Disposal Facilities	03-10417	\$ (1,565,343.91)
	*FCC - Salt Mitigation Facilities	03-10418	\$ (8,790,380.51)
Operating	Project Fund - Encumbered	03-10215	\$ 276,000.00
	Depreciation Reserves	03-10310	\$ 3,838,209.50
	Infrastructure Reserves	03-10311	\$ 5,352,966.63
	Rate Stabilization Fund	03-10314	\$ 1,464,394.90
	Operating Funds:		\$ 2,227,690.00
Total Wastewater Division			\$ 6,912,484.52

Recycled Water Division		GL#	Balance
Restricted	*FCC - Recycled System	04-10410	\$ 72,385.42
	*FCC - Booster Pumping Plants	04-10411	\$ 9,604.74
	*FCC - Pipeline Facilities	04-10412	\$ 262,543.84
	*FCC - Water Storage Reservoirs	04-10413	\$ 262,964.41
Operating	Project Fund - Encumbered	04-10215	\$ -
	Depreciation Reserves	04-10310	\$ 36,833.01
	Infrastructure Reserves	04-10311	\$ 278,742.31
	Operating Funds:		\$ 373,869.44
Total Recycled Water Division			\$ 1,296,943.17

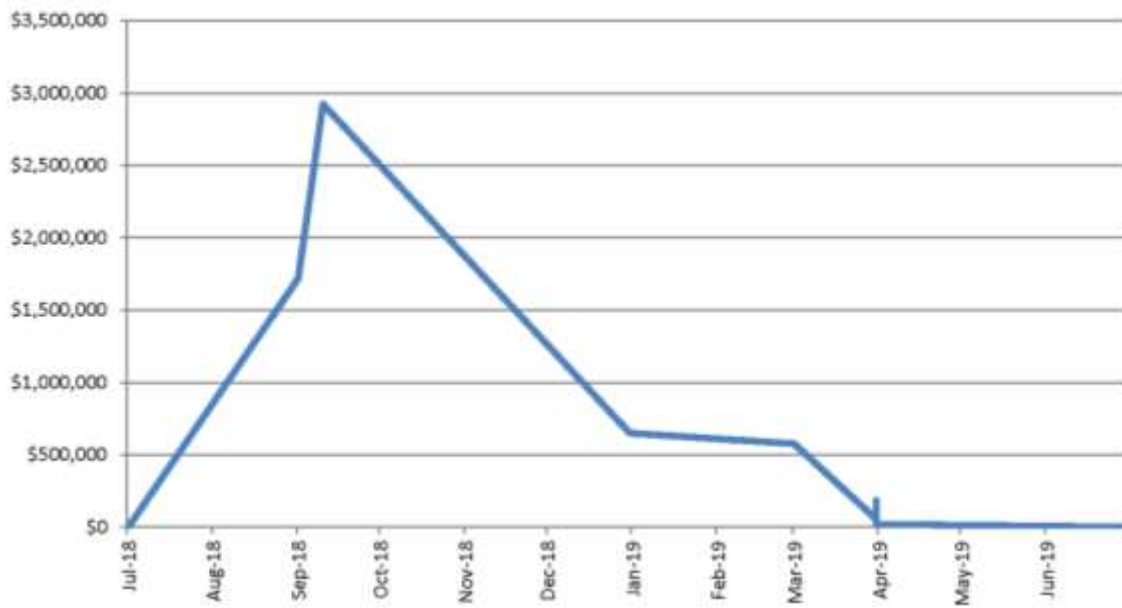
DISTRICT TOTAL \$ 13,306,490.47

*=Restricted Funds

Cash Flow Report for Fiscal Year 2018-19

Financial Obligations for Fiscal Year 2018-19				
Due Date	Fund	Description	Term of Obligation	Amount
9/1/2018	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 1,718,806.25
9/10/2018	Sewer	SRF Payment - WRWRF	2009-2028	\$ 2,923,668.75
12/31/2018	Sewer	SRF Payment - Yucaipa Regional Brineline	2013-2032	\$ 649,273.50
3/1/2019	Water	2015A Bond Payment - YVRWFF	2015-2034	\$ 575,931.25
3/31/2019	Sewer	SRF Payment - Recycled Reservoir R-10.3	2014-2033	\$ 54,277.31
3/31/2019	Sewer	SRF Payment - Desalinization at WRWRF	2014-2033	\$ 185,251.30
3/31/2019	Sewer	SRF Payment - Crow Street/Recycled Booster B-12.1	2016-2035	\$ 21,247.48
Total				\$ 6,128,455.84

**Payment Schedule and Cash Flow Requirements
for Fiscal Year 2018-19**



Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/2/2018	32210	YARNALL, DONALD	\$ 47.97
7/2/2018	32211	VALDEZ, GREG	\$ 1,334.39
7/2/2018	32212	MCMAINS, KAYVON	\$ 97.83
7/2/2018	32213	State Water Resources Control	\$ 185.00
7/2/2018	32214	California Municipal Treasurer	\$ 155.00
7/2/2018	32215	California Water Environment A	\$ 180.00
7/2/2018	32216	Department of Motor Vehicles	\$ 45.00
7/2/2018	32217	Ameripride Uniform Services	\$ 1,051.15
7/2/2018	32218	Balco Holdings Inc.	\$ 5,160.45
7/2/2018	32219	Cal's Towing	\$ 50.00
7/2/2018	32220	Coverall North America, Inc.	\$ 1,331.00
7/2/2018	32221	Crider Public Relations, Inc.	\$ 1,020.00
7/2/2018	32222	Daily Journal Corporation	\$ 745.80
7/2/2018	32223	First American Data Tree, LLC	\$ 50.00
7/2/2018	32224	Evoqua Water Technologies LLC	\$ 1,117.10
7/2/2018	32225	Incode Division-Tyler Technolo	\$ 1,019.24
7/2/2018	32226	Inland Counties Insurance Serv	\$ 211,774.00
7/2/2018	32227	Raiset R. Santana and Adriana	\$ 49.25
7/2/2018	32228	Linko Technology Inc.	\$ 4,800.00
7/2/2018	32229	Nagem, Inc. VOIDED	\$ 127.50
7/2/2018	32230	NetComp Technologies, Inc.	\$ 2,850.00
7/2/2018	32231	Office Solutions Business Prod	\$ 2,198.82
7/2/2018	32232	Pacific Coast Landscape & Desi	\$ 8,225.00
7/2/2018	32233	California Newspapers Partners	\$ 847.80
7/2/2018	32234	Q Versa, LLC	\$ 123,182.53
7/2/2018	32235	SB CNTY-Auditor/Controller	\$ 20,000.00
7/2/2018	32236	South Coast A.Q.M.D.	\$ 658.84
7/2/2018	32237	Spectrum Business	\$ 1,834.00
7/2/2018	32238	Tattletale Portable Alarm Syst	\$ 3,105.00
7/2/2018	32239	The Gas Company	\$ 32.77
7/2/2018	32240	Armorcast Products Company	\$ 18,247.47
7/2/2018	32241	Atlas Copco Compressors, LLC	\$ 2,124.67
7/2/2018	32242	Brenntag Pacific, Inc	\$ 6,728.37
7/2/2018	32243	Harrington Ind. Plastic, LLC	\$ 327.03
7/2/2018	32244	Hasa, Inc.	\$ 7,604.83
7/2/2018	32245	Nuckles Oil Company, Inc.	\$ 3,532.96
7/2/2018	32246	Ryan Herco Products Corp	\$ 305.29
7/2/2018	32247	Kenneth Carnes	\$ 561.81
7/2/2018	32248	Nagem, Inc.	\$ 127.50
7/2/2018	32249	Q Versa, LLC	\$ 15,900.00
7/2/2018	32250	Separation Processes, Inc.	\$ 212.00
7/2/2018	32251	The Counseling Team Internatio	\$ 180.00
7/2/2018	32252	Matthew Flordelis	\$ 117.55
7/2/2018	32253	Jacob Duncan	\$ 100.00
7/6/2018	32254	Joe DeSalliers	\$ 646.39

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/6/2018	32255	Rodd Greene	\$ 648.15
7/6/2018	32256	Linda Kilday	\$ 646.39
7/6/2018	32257	Dennis Neff	\$ 599.99
7/6/2018	32258	Standard Insurance Company	\$ 1,764.72
7/6/2018	32259	Robert Wall	\$ 599.99
7/6/2018	32260	Charlie Bailey	\$ 629.40
7/6/2018	32261	Standard Insurance Vision Plan	\$ 639.32
7/6/2018	32262	MetLife Small Business Center	\$ 147.22
7/6/2018	32263	Blue Shield of California	\$ 1,911.40
7/6/2018	32264	Jamie Underwood	\$ 300.00
7/6/2018	32265	PAYROLL CHECK	\$ 2,523.80
7/6/2018	32266	PAYROLL CHECK	\$ 310.43
7/6/2018	32267	WageWorks, Inc.	\$ 1,381.51
7/6/2018	32268	IBEW Local 1436	\$ 667.00
7/6/2018	32269	California State Disbursement	\$ 115.38
7/6/2018	32270	California State Disbursement	\$ 397.38
7/6/2018	32271	Department of the Treasury - I	\$ 50.00
7/9/2018	32272	Ameripride Uniform Services	\$ 938.90
7/9/2018	32273	Burgeson's Heating & Air Cond.	\$ 99.00
7/9/2018	32274	CDW LLC	\$ 1,157.88
7/9/2018	32275	Victor James Valenti	\$ 4,075.36
7/9/2018	32276	Dinosaur Tire Inc.	\$ 257.35
7/9/2018	32277	Frontier Communications	\$ 148.41
7/9/2018	32278	Inland Empire Resource Conserv	\$ 2,377.92
7/9/2018	32279	Innerline Engineering	\$ 1,750.00
7/9/2018	32280	Office Solutions Business Prod	\$ 278.42
7/9/2018	32281	Ryan Herco Products Corp	\$ 86.14
7/9/2018	32282	SCCI, Inc.	\$ 350.00
7/9/2018	32283	Underground Service Alert Of S	\$ 387.85
7/9/2018	32284	Westrux International, Inc.	\$ 741.44
7/9/2018	32285	Yucaipa Disposal, Inc.	\$ 1,448.57
7/9/2018	32286	Yucaipa Valley Water District	\$ 12,148.34
7/9/2018	32287	Charles P. Crowley Company, In	\$ 845.72
7/9/2018	32288	Grainger	\$ 1,775.43
7/9/2018	32289	Hemet Valley Tool Inc.	\$ 187.49
7/9/2018	32290	CANDELARIA, THOMAS	\$ 14.34
7/9/2018	32291	CWEA-TCP (OAKPORT ST.)	\$ 100.00
7/9/2018	32292	California Water Efficiency Pa	\$ 3,268.86
7/9/2018	32293	State Water Resources Control	\$ 150.00
7/9/2018	32294	James Rowell	\$ 190.00
7/9/2018	32295	Ward & Ward	\$ 1,680.00
7/9/2018	32296	Lina Robert	\$ 44.95
7/9/2018	32297	Berkshire Hathaway Homestate C	\$ 11,243.89
7/9/2018	32298	Nippon Life Insurance Co. of A	\$ 2,618.34
7/9/2018	32299	Doug Earnest	\$ 14.69

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/16/2018	32300	Santa Ana Watershed Project Au	\$ 13,712.00
7/16/2018	32301	Water Environment Federation	\$ 255.00
7/16/2018	32302	Christopher R. Crosby	\$ 90.00
7/16/2018	32303	Kelly Hamilton	\$ 163.53
7/16/2018	32304	Delta Partners, LLC	\$ 7,500.00
7/16/2018	32305	Dudek & Associates, Inc	\$ 20,610.85
7/16/2018	32306	HDR Engineering, Inc.	\$ 3,511.92
7/16/2018	32307	One Stop Landscape Supply Inc	\$ 19,630.00
7/16/2018	32308	Pacific Coast Landscape & Desi	\$ 39,131.80
7/16/2018	32309	Pascal & Ludwig Constructors I	\$ 29,032.00
7/16/2018	32310	Platinum Advisors, LLC	\$ 5,125.00
7/16/2018	32311	Superior Tank Solutions, Inc.	\$ 56,539.50
7/16/2018	32312	David L. Wysocki	\$ 3,150.00
7/16/2018	32313	Luke's Transmission Inc.	\$ 380.71
7/16/2018	32314	Ameripride Uniform Services	\$ 859.17
7/16/2018	32315	John F. Simister	\$ 1,543.73
7/16/2018	32316	Best Home Center	\$ 133.43
7/16/2018	32317	California Department of Fish	\$ 2,170.50
7/16/2018	32318	Center Electric Services, Inc.	\$ 4,897.72
7/16/2018	32319	Central Communications	\$ 498.25
7/16/2018	32320	Cliff's Pest Control, Inc.	\$ 115.00
7/16/2018	32321	Clinical Laboratory of San Ber	\$ 12,151.00
7/16/2018	32322	Corelogic, Inc.	\$ 330.00
7/16/2018	32323	Dudek & Associates, Inc	\$ 2,380.00
7/16/2018	32324	Evoqua Water Technologies LLC	\$ 2,230.61
7/16/2018	32325	Fedex	\$ 96.67
7/16/2018	32326	Fuel Equipment Services, Inc.	\$ 1,467.47
7/16/2018	32327	Incode Division-Tyler Technolo	\$ 5,391.40
7/16/2018	32328	InfoSend, Inc.	\$ 5,311.04
7/16/2018	32329	Innerline Engineering	\$ 1,750.00
7/16/2018	32330	Konica Minolta Business Soluti	\$ 1,128.02
7/16/2018	32331	MailFinance Inc.	\$ 706.14
7/16/2018	32332	Nagem, Inc.	\$ 2,890.00
7/16/2018	32333	Northrop Gruman-IS	\$ 4,260.44
7/16/2018	32334	Pacific Coast Landscape & Desi	\$ 4,160.00
7/16/2018	32335	Red Alert Special Couriers	\$ 344.26
7/16/2018	32336	San Gorgonio Pass Water Agency	\$ 26,104.32
7/16/2018	32337	Separation Processes, Inc.	\$ 2,040.00
7/16/2018	32338	Association of San Bernardino	\$ 32.00
7/16/2018	32339	Spectrum Business	\$ 2,650.50
7/16/2018	32340	Tri County Pump Company	\$ 2,351.98
7/16/2018	32341	Brenntag Pacific, Inc	\$ 11,854.68
7/16/2018	32342	Emergency Power Controls, Inc.	\$ 6,874.21
7/16/2018	32343	Fastenal Company	\$ 148.57
7/16/2018	32344	Inland Water Works Supply Co.	\$ 14,412.37

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/16/2018	32345	Nuckles Oil Company, Inc.	\$ 6,783.37
7/16/2018	32346	Polydyne Inc.	\$ 2,949.12
7/16/2018	32347	Hadronex, Inc.	\$ 18,897.26
7/16/2018	32348	Uline, Inc.	\$ 2,822.47
7/16/2018	32349	Wells Tapping Service, Inc	\$ 6,000.00
7/16/2018	32350	YSI Incorporated	\$ 188.56
7/16/2018	32351	CWEA-TCP (OAKPORT ST.)	\$ 92.00
7/16/2018	32352	CWEA-TCP (OAKPORT ST.)	\$ 92.00
7/20/2018	32353	PAYROLL CHECK	\$ 2,299.63
7/20/2018	32354	WageWorks, Inc.	\$ 1,381.51
7/20/2018	32355	California State Disbursement	\$ 115.38
7/20/2018	32356	California State Disbursement	\$ 397.38
7/20/2018	32357	Department of the Treasury - I	\$ 50.00
7/23/2018	32358	LUPU, COSTICA	\$ 15.90
7/23/2018	32359	STANLEY, SARAH	\$ 15.52
7/23/2018	32360	Addiction Medicine Consultants	\$ 60.00
7/23/2018	32361	Matthew M. Barlow	\$ 546.01
7/23/2018	32362	Ameripride Uniform Services	\$ 754.66
7/23/2018	32363	Amiad USA, Inc.	\$ 18,197.58
7/23/2018	32364	AT&T Mobility	\$ 1,540.67
7/23/2018	32365	Burgeson's Heating & Air Cond.	\$ 99.00
7/23/2018	32366	Charles Wayne Hippenstiel	\$ 3,360.00
7/23/2018	32367	Computerized Embroidery Compan	\$ 1,553.76
7/23/2018	32368	DC Frost Associates, Inc.	\$ 4,884.34
7/23/2018	32369	Frontier Communications	\$ 149.79
7/23/2018	32370	Fuel Equipment Services, Inc.	\$ 7,160.00
7/23/2018	32371	InfoSend, Inc.	\$ 3,566.82
7/23/2018	32372	James Apacible	\$ 3,494.99
7/23/2018	32373	JB Paving & Engineering, Inc.	\$ 3,480.00
7/23/2018	32374	Krieger & Stewart	\$ 76,145.88
7/23/2018	32375	NetComp Technologies, Inc.	\$ 3,550.00
7/23/2018	32376	Office Solutions Business Prod	\$ 73.13
7/23/2018	32377	Pro-Pipe & Supply, Inc.	\$ 11.31
7/23/2018	32378	SCE Rosemead	\$ 285,718.00
7/23/2018	32379	Smarthire	\$ 241.80
7/23/2018	32380	South Coast A.Q.M.D.	\$ 538.58
7/23/2018	32381	Spectrum Business	\$ 2,445.46
7/23/2018	32382	Terminix Commercial	\$ 582.00
7/23/2018	32383	Campbell Contracting Inc.	\$ 510.00
7/23/2018	32384	YSI Incorporated	\$ 31.84
7/23/2018	32385	Marianne McVey	\$ 1,745.88
7/23/2018	32386	Armorcast Products Company	\$ 35,950.79
7/23/2018	32387	Brenntag Pacific, Inc	\$ 21,010.12
7/23/2018	32388	Air Pacific Compressors, Inc.	\$ 420.00
7/23/2018	32389	Fisher Scientific Co.	\$ 1,243.44

Check Register - July 2018

<u>Check Date</u>	<u>Check Number</u>	<u>Name</u>	<u>Check Amount</u>
7/23/2018	32390	Hasa, Inc.	\$ 3,873.08
7/23/2018	32391	Inland Water Works Supply Co.	\$ 11,852.50
7/23/2018	32392	Nuckles Oil Company, Inc.	\$ 3,188.28
7/23/2018	32393	Nalco Company	\$ 10,328.10
7/23/2018	32394	National Business Furniture LL	\$ 2,166.10
7/23/2018	32395	NCL Of Wisconsin Inc	\$ 1,234.12
7/23/2018	32396	Schaner's WasteWater Prod., In	\$ 2,586.15
7/23/2018	32397	VSS Sales, Inc.	\$ 2,945.37
7/23/2018	32398	Calmat Company	\$ 5,198.09
7/23/2018	32399	American Family Life Assurance	\$ 3,380.52
7/23/2018	32400	Joan Cadiz	\$ 603.36
7/23/2018	32401	Cobb's Printing, LLC	\$ 201.49
7/23/2018	32402	Joe DeSalliers	\$ 646.39
7/23/2018	32403	Ronald Elisalda	\$ 454.57
7/23/2018	32404	Rodd Greene	\$ 648.15
7/23/2018	32405	Dennis Neff	\$ 599.99
7/23/2018	32406	Robert Wall	\$ 599.99
7/23/2018	32407	Western Dental Services, Inc.	\$ 203.54
7/23/2018	32408	MetLife Small Business Center	\$ 147.22
7/23/2018	32409	WageWorks, Inc.	\$ 207.50
7/23/2018	32410	Ashley Gibson	\$ 329.47
7/23/2018	32411	Dustin Hochreiter	\$ 418.59
7/23/2018	32412	Allison Edmisten	\$ 88.87
			<u>\$ 1,404,885.86</u>
7/6/2018	electronic pmt	IRS - PAYROLL TAXES	\$ 57,080.62
7/6/2018	electronic pmt	CA-EDD	\$ 9,976.27
7/6/2018	electronic pmt	VOYA-457	\$ 6,114.27
7/6/2018	electronic pmt	CalPERS - HEALTH	\$ 72,480.51
7/6/2018	electronic pmt	CA-PERS Supplemental Income 45	\$ 24,890.20
7/6/2018	electronic pmt	Public Employees' Retirement S	\$ 28,148.77
7/9/2018	electronic pmt	Public Employees' Retirement S	\$ 512,816.00
7/20/2018	electronic pmt	IRS - PAYROLL TAXES	\$ 56,969.72
7/20/2018	electronic pmt	CA-EDD	\$ 10,418.64
7/20/2018	electronic pmt	VOYA-457	\$ 4,834.67
7/20/2018	electronic pmt	CA-PERS Supplemental Income 45	\$ 22,705.12
7/20/2018	electronic pmt	Public Employees' Retirement S	\$ 29,229.25
7/23/2018	electronic pmt	CalPERS - HEALTH	\$ 101,157.13
			<u>\$ 936,821.17</u>

Investment Summary - July 2018

U.S. TREASURIES

Quantity	Description	Cusip	Maturity Date	Yield	Cost of Purchase	Market Value
500,000	US Treasury Bill	912796PQ6	July 12, 2018	0.330%	\$ 496,612.76	\$ 509,968.85
500,000				Total Values	\$ 496,612.76	\$ 509,968.85

Money Market Account Activity-Beginning Balance	\$ 506,813.94
7/31/17 - Bond Interest	\$ -
Dividend/Interest	\$ 2.67
Business Account Fee	\$ -
Income	\$ 2.67
Intra-Bank Transfers to/from Investment Checking	\$ -
Fund Transfers	\$ -
Cusip Maturity	\$ -
Redemptions	\$ -
Cusip Purchase	\$ (496,612.76)
Purchases	\$ (496,612.76)
Ending Balance - Money Market	\$ 10,203.85
US Treasury Securities Investment Principal	\$ 496,612.76
Total Assets	\$ 506,816.61

Note: As of 8/3/18, the updated treasury information for July has not been received. The information above is as of 6/30/18.

Investment Summary - July 2018

LOCAL AGENCY INVESTMENT FUND

PERIOD	TOTAL WITHDRAWAL AMOUNT	TOTAL DEPOSIT AMOUNT	ACCRUED INTEREST (QUARTERLY)	ENDING BALANCE
July 31, 2018	\$ -	\$ -	\$ 50,409.17	\$ 10,674,082.68
August 31, 2018	\$ -	\$ -	\$ -	\$ 10,674,082.68
September 30, 2018	\$ -	\$ -	\$ -	\$ 10,674,082.68
October 31, 2018	\$ -	\$ -	\$ -	\$ 10,674,082.68
November 30, 2018	\$ -	\$ -	\$ -	\$ 10,674,082.68
December 31, 2018	\$ -	\$ -	\$ -	\$ 10,674,082.68
January 31, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68
February 28, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68
March 31, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68
April 30, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68
May 31, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68
June 30, 2019	\$ -	\$ -	\$ -	\$ 10,674,082.68

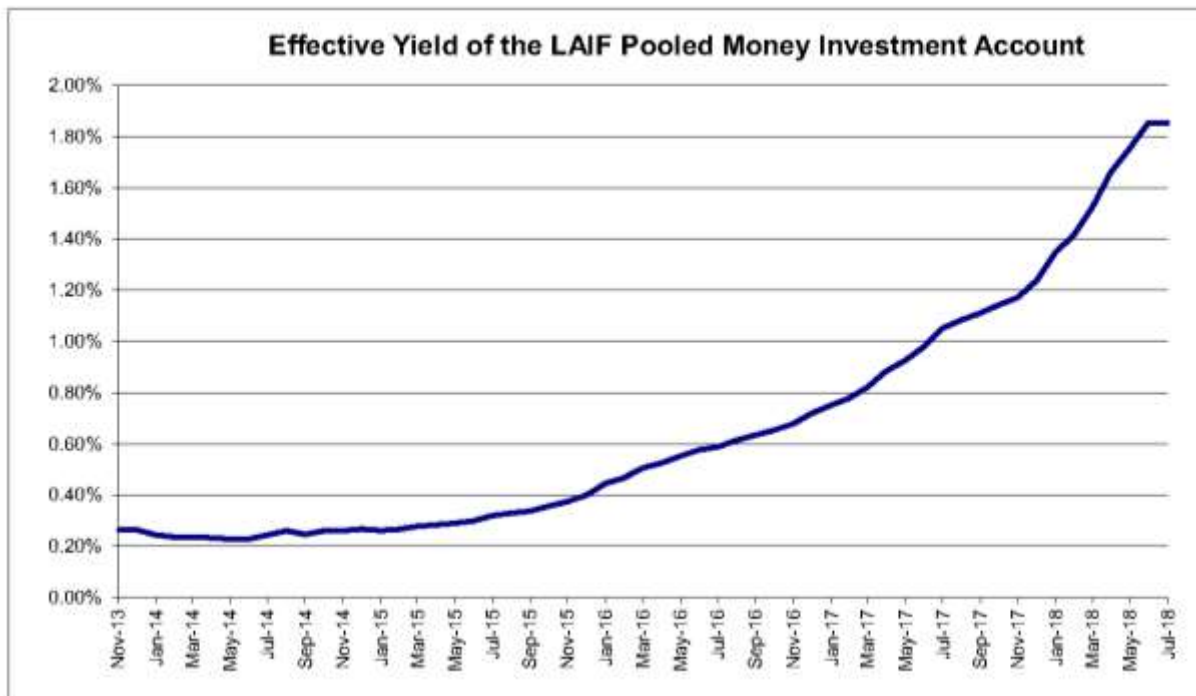
L.A.I.F. INCOME SUMMARY

CURRENT QUARTER FY YEAR-TO-DATE

INCOME RECEIVED

\$ 50,409.17

\$ 50,409.17



FY 2018-19 Water Revenue					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
02-40010	Sales - Water	\$ 5,958,445	\$ 567,275	\$ 567,275	9.52%
02-40011	Sales - Construction Water	\$ 25,000	\$ 3,323	\$ 3,323	13.29%
02-40012	Sales - Imported Water (SGPWA)	\$ 250,000	\$ 23,505	\$ 23,505	9.40%
02-40013	Sales - Imported Water (MUNI)	\$ 850,000	\$ 77,891	\$ 77,891	9.16%
02-40014	Sales Disc.-Multi Units Usage Chrg.	\$ (110,000)	\$ (8,989)	\$ (8,989)	8.17%
02-40015	Water Wholesale Revenue	\$ 200,000	\$ 9,955	\$ 9,955	4.98%
02-40016	Service Establishment Fee	\$ 5,000	\$ 425	\$ 425	8.50%
02-41000	Service Demand Charges	\$ 3,400,000	\$ 264,172	\$ 264,172	7.77%
02-41001	Fire Service Standby Fees	\$ 45,000	\$ 2,899	\$ 2,899	6.44%
02-41003	Construction Service Charge	\$ 15,000	\$ 237	\$ 237	1.58%
02-41005	Sales Disc-Multi Units Service Chrg.	\$ (135,000)	\$ (11,145)	\$ (11,145)	8.26%
02-41010	Unauthorized Use of Water Charge	\$ 2,000	\$ -	\$ -	0.00%
02-41110	Meter/Lateral Installation	\$ 50,000	\$ 13,760	\$ 13,760	27.52%
02-41112	Fire Flow Test Fees	\$ 4,500	\$ 225	\$ 225	5.00%
02-41113	Disconnect/Reconnect Fees	\$ 100,000	\$ 4,425	\$ 4,425	4.43%
02-41121	Penalty - Late Charges	\$ 135,000	\$ 10,327	\$ 10,327	7.65%
02-41124	Bad Debt	\$ (20,000)	\$ 335	\$ 335	-1.68%
02-42123	Management & Accounting Fees	\$ 202,500	\$ 16,875	\$ 16,875	8.33%
02-43010	Interest Earned	\$ 85,000	\$ 22,684	\$ 22,684	26.69%
02-43110	Property Tax - Unsecured	\$ 80,000	\$ -	\$ -	0.00%
02-43120	Property Tax - Secured	\$ 2,700,000	\$ -	\$ -	0.00%
02-43130	Tax Collection - Prior	\$ 25,000	\$ -	\$ -	0.00%
02-43140	Other Taxes	\$ 180,000	\$ -	\$ -	0.00%
02-49110	Rental Income (WATER STOCK)	\$ 3,000	\$ -	\$ -	0.00%
02-49150	Revenue - Misc. Non-Operating	\$ 100,000	\$ 7,127	\$ 7,127	7.13%
	WATER OPERATING REVENUE	\$ 14,150,445	\$ 1,005,306	\$ 1,005,306	7.10%
	Grants	\$ -	\$ -	\$ -	
02-89901	Facility Capacity Charges	\$ -	\$ 88,304	\$ 88,304	
02-89902	Sustainability	\$ -	\$ 36,771	\$ 36,771	
	TOTAL WATER REVENUE	\$ 14,150,445	\$ 1,130,381	\$ 1,130,381	

NOTE: Plan check & inspection fees to 02-42122

FY 2018-19 Sewer Revenue					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
03-40016	Sales - Establish Service Fee	\$ 500	\$ -	\$ -	0.00%
03-41000	Sales - Sewer Charges	\$ 12,116,254	\$ 963,892	\$ 963,892	7.96%
03-41005	Sales Disc-Multi Units Service Chrg.	\$ (200,000)	\$ (18,064)	\$ (18,064)	9.03%
03-41110	Meter/Lateral Installation	\$ 2,500	\$ -	\$ -	0.00%
03-41121	Penalty - Late Charges	\$ 135,000	\$ 12,105	\$ 12,105	8.97%
03-41124	Bad Debt	\$ (15,000)	\$ -	\$ -	0.00%
03-41131	Front Footage Fees	\$ 30,000	\$ -	\$ -	0.00%
03-42122	Revenue - Other Operating	\$ 2,000	\$ -	\$ -	0.00%
03-43010	Interest Earned	\$ 95,000	\$ 22,684	\$ 22,684	23.88%
03-43110	Property Tax - Unsecured	\$ 50,000	\$ -	\$ -	0.00%
03-43120	Property Tax - Secured	\$ 100,000	\$ -	\$ -	0.00%
03-43130	Tax Collection - Prior	\$ 10,000	\$ -	\$ -	0.00%
03-43140	Other Taxes	\$ 1,500	\$ -	\$ -	0.00%
03-49150	Misc. Non-Oper Revenue	\$ 10,000	\$ -	\$ -	0.00%
	SEWER OPERATING REVENUE	\$ 12,337,754	\$ 980,617	\$ 980,617	7.95%
	Grants	\$ -	\$ -	\$ -	
03-89901	Facility Capacity Charges	\$ -	\$ 131,536	\$ 131,536	
03-89903	Contrib Capital-Front Footage Fees	\$ -	\$ -	\$ -	
03-89905	Contrib Capital-Infrastructure	\$ -	\$ -	\$ -	
	TOTAL SEWER REVENUE	\$ 12,337,754	\$ 1,112,153	\$ 1,112,153	

FY 2018-19 Recycled Revenue					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
04-40010	Sales - Recycled Water	\$ 694,270	\$ 44,875	\$ 44,875	6.46%
04-40011	Sales - Construction Water	\$ 65,000	\$ 824	\$ 824	1.27%
04-41000	Sales - Service Demand Chrg.	\$ 85,000	\$ 5,795	\$ 5,795	6.82%
04-41003	Const. Water Minimum Chrg.	\$ 5,000	\$ 51	\$ 51	1.02%
04-41110	Meter/Lateral installation	\$ 45,000	\$ -	\$ -	0.00%
04-41121	Penalty - Late Charges	\$ 5,000	\$ 522	\$ 522	10.44%
04-41122	Revenue - Other Operating	\$ 500	\$ -	\$ -	0.00%
04-43010	Interest Earned	\$ 20,000	\$ 5,041	\$ 5,041	25.20%
04-43110	Property Tax - Unsecured	\$ 10,000	\$ -	\$ -	0.00%
04-43120	Property Tax - Secured	\$ 350,000	\$ -	\$ -	0.00%
04-43130	Property Tax - Prior	\$ 10,000	\$ -	\$ -	0.00%
04-43140	Property Tax - Other	\$ 2,500	\$ -	\$ -	0.00%
04-49150	Misc. Non-Operating Revenue	\$ 1,000	\$ -	\$ -	0.00%
	RECYCLED OPERATING REVENUE	\$ 1,293,270	\$ 57,108	\$ 57,108	4.42%
	Grants	\$ -	\$ -	\$ -	
04-89901	Facility Capacity Charges	\$ -	\$ -	\$ -	
	TOTAL RECYCLED REVENUE	\$ 1,293,270	\$ 57,108	\$ 57,108	

FY 2018-19 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
02-5-01-50010	Labor-Water Resources	\$ 997,976	\$ 76,055	\$ 76,055	7.62%
02-5-01-50011	Labor Credit	\$ -	\$ -	\$ -	
02-5-01-50013	Benefits-Fica	\$ 76,345	\$ 6,001	\$ 6,001	7.86%
02-5-01-50014	Benefits-Life Insurance	\$ 5,568	\$ 132	\$ 132	2.38%
02-5-01-50016	Benefits-Health\Defrd Comp	\$ 218,544	\$ 16,343	\$ 16,343	7.48%
02-5-01-50017	Benefits-Disability Insurance	\$ 8,982	\$ 1,104	\$ 1,104	12.30%
02-5-01-50019	Benefits-Workers Compensation	\$ 26,945	\$ -	\$ -	0.00%
02-5-01-50021	Benefits-PERS-Employee	\$ -	\$ (335)	\$ (335)	
02-5-01-50022	Benefits-PERS-Employer	\$ 149,696	\$ 5,169	\$ 5,169	3.45%
02-5-01-50023	Benefits-Uniforms	\$ 5,800	\$ 269	\$ 269	4.64%
02-5-01-50024	Benefits-Vacation & Sick Pay	\$ 6,001	\$ 551	\$ 551	9.19%
02-5-01-50025	Benefits-Boot Allowance	\$ 3,480	\$ 900	\$ 900	25.86%
02-5-01-51003	R&M - Structures	\$ 319,000	\$ 6,037	\$ 6,037	1.89%
02-5-01-51011	R&M - CLA Valves	\$ 20,000	\$ -	\$ -	0.00%
02-5-01-51140	General Supplies & Expenses	\$ 2,000	\$ -	\$ -	0.00%
02-5-01-51210	Utilities - Power Purchases	\$ 1,394,000	\$ 74,921	\$ 74,921	5.37%
02-5-01-51211	Utilities - Electricity & Fuel	\$ 5,000	\$ 212	\$ 212	4.25%
02-5-01-51316	Imported Water Purchases	\$ 1,200,000	\$ -	\$ -	0.00%
02-5-01-54019	Licenses & Permits	\$ 70,000	\$ -	\$ -	0.00%
02-5-01-54110	Laboratory Services	\$ 65,000	\$ -	\$ -	0.00%
02-5-01-57040	YVRWFF Operating Expense	\$ 700,000	\$ 60,934	\$ 60,934	8.70%
	WATER RESOURCE TOTALS	\$ 5,274,337	\$ 248,295	\$ 248,295	4.71%
02-5-03-50010	Labor-Public Works	\$ 1,650,107	\$ 104,719	\$ 104,719	6.35%
02-5-03-50011	Labor Credit	\$ -	\$ (354)	\$ (354)	
02-5-03-50013	Benefits-Fica	\$ 126,443	\$ 8,195	\$ 8,195	6.48%
02-5-03-50014	Benefits-Life Insurance	\$ 10,776	\$ 170	\$ 170	1.58%
02-5-03-50016	Benefits-Health\Defrd Comp	\$ 422,958	\$ 27,669	\$ 27,669	6.54%
02-5-03-50017	Benefits-Disability Insurance	\$ 14,851	\$ 1,435	\$ 1,435	9.66%
02-5-03-50019	Benefits-Workers Compensation	\$ 44,553	\$ -	\$ -	0.00%
02-5-03-50021	Benefits-PERS Employee	\$ -	\$ (897)	\$ (897)	
02-5-03-50022	Benefits-PERS Employer	\$ 247,516	\$ 6,982	\$ 6,982	2.82%
02-5-03-50023	Benefits-Uniforms	\$ 11,225	\$ 1,950	\$ 1,950	17.37%
02-5-03-50024	Benefits-Vacation & Sick Pay	\$ 4,000	\$ 457	\$ 457	11.43%
02-5-03-50025	Benefits-Boot Allowance	\$ 6,525	\$ 6,900	\$ 6,900	105.75%
02-5-03-51001	R & M -Vehicles & Equipment	\$ 200,000	\$ 16,996	\$ 16,996	8.50%
02-5-03-51011	R&M - Valves	\$ 10,000	\$ -	\$ -	0.00%
02-5-03-51020	R&M - Pipelines	\$ 225,000	\$ 14,386	\$ 14,386	6.39%
02-5-03-51021	R&M - Service Lines	\$ 96,000	\$ 629	\$ 629	0.65%
02-5-03-51022	R&M - Fire Hydrants	\$ 25,000	\$ 194	\$ 194	0.78%
02-5-03-51029	R&M - Backflow	\$ 20,000	\$ 566	\$ 566	2.83%
02-5-03-51030	R&M - Water Meters	\$ 30,000	\$ 45,283	\$ 45,283	150.94%
02-5-03-51031	Fire Flow Testing	\$ 30,000	\$ -	\$ -	0.00%
02-5-03-51092	Equipment Credits	\$ -	\$ (306)	\$ (306)	
02-5-03-51140	General Supplies & Expenses	\$ 2,500	\$ 130	\$ 130	5.19%
	PUBLIC WORKS TOTALS	\$ 3,177,454	\$ 235,103	\$ 235,103	7.40%

FY 2018-19 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
02-5-06-50010	Labor-Administration	\$ 602,359	\$ 60,172	\$ 60,172	9.99%
02-5-06-50011	Labor Credit	\$ -	\$ -	\$ -	
02-5-06-50012	Director Fees	\$ 25,000	\$ 2,474	\$ 2,474	9.90%
02-5-06-50013	Benefits-Fica	\$ 46,080	\$ 5,173	\$ 5,173	11.23%
02-5-06-50014	Benefits-Life Insurance	\$ 2,952	\$ 142	\$ 142	4.80%
02-5-06-50016	Benefits-Health\Defrd Comp	\$ 115,866	\$ 19,125	\$ 19,125	16.51%
02-5-06-50017	Benefits-Disability Insurance	\$ 5,421	\$ 954	\$ 954	17.59%
02-5-06-50019	Benefits-Workers Compensation	\$ 16,264	\$ -	\$ -	0.00%
02-5-06-50021	Benefits PERS Employee	\$ -	\$ (233)	\$ (233)	
02-5-06-50022	Benefits PERS Employer	\$ 90,354	\$ 4,552	\$ 4,552	5.04%
02-5-06-50023	Uniforms	\$ 3,075	\$ 154	\$ 154	5.00%
02-5-06-50024	Benefits-Vacation & Sick Pay	\$ 10,000	\$ 311	\$ 311	3.11%
02-5-06-50025	Benefits-Boots	\$ 1,845	\$ 3,300	\$ 3,300	178.86%
02-5-06-51003	R&M - Structures	\$ 30,000	\$ 4,679	\$ 4,679	15.60%
02-5-06-51091	Expense Credits (overhead)	\$ -	\$ (246)	\$ (246)	
02-5-06-51120	Safety Equipment/Supplies	\$ 25,000	\$ 1,745	\$ 1,745	6.98%
02-5-06-51125	Petroleum Products	\$ 105,000	\$ 12,702	\$ 12,702	12.10%
02-5-06-51130	Office Supplies & Expenses	\$ 35,000	\$ 2,397	\$ 2,397	6.85%
02-5-06-51140	General Supplies & Expenses	\$ 35,000	\$ 6,417	\$ 6,417	18.34%
02-5-06-51199	Disaster Incidences	\$ -	\$ -	\$ -	
02-5-06-51211	Utilities - Electricity	\$ 65,000	\$ 2,586	\$ 2,586	3.98%
02-5-06-51213	Utilities - Natural Gas	\$ 1,500	\$ -	\$ -	0.00%
02-5-06-54002	Dues & Subscriptions	\$ 41,500	\$ 3,339	\$ 3,339	8.04%
02-5-06-54005	Computer Expenses	\$ 100,000	\$ 3,152	\$ 3,152	3.15%
02-5-06-54010	Postage	\$ 4,200	\$ 187	\$ 187	4.46%
02-5-06-54011	Printing & Publications	\$ -	\$ 101	\$ 101	
02-5-06-54012	Education & Training	\$ 15,000	\$ 3,429	\$ 3,429	22.86%
02-5-06-54013	Utility Billing Expenses	\$ 150,000	\$ 8,778	\$ 8,778	5.85%
02-5-06-54014	Public Relations	\$ 25,000	\$ -	\$ -	0.00%
02-5-06-54016	Travel Related Expenses	\$ 8,000	\$ 1,428	\$ 1,428	17.86%
02-5-06-54017	Certifications & Renewals	\$ 8,000	\$ 822	\$ 822	10.28%
02-5-06-54020	Meeting Related Expenses	\$ 8,000	\$ 770	\$ 770	9.62%
02-5-06-54022	Utilities - YVWD Services	\$ 60,000	\$ -	\$ -	0.00%
02-5-06-54024	Utilities - Waste Disposal	\$ 2,500	\$ 222	\$ 222	8.89%
02-5-06-54025	Utilities - Telephone & Internet	\$ 45,000	\$ 3,197	\$ 3,197	7.11%
02-5-06-54099	Conservation & Rebates	\$ 30,000	\$ -	\$ -	0.00%
02-5-06-54104	Contractual Services	\$ 100,000	\$ 16,694	\$ 16,694	16.69%
02-5-06-54107	Legal	\$ 50,000	\$ -	\$ -	0.00%
02-5-06-54108	Audit & Accounting	\$ 12,000	\$ -	\$ -	0.00%
02-5-06-54109	Professional Fees	\$ 165,000	\$ 16,962	\$ 16,962	10.28%
02-5-06-55500	Depreciation Reserves	\$ 200,000	\$ 16,667	\$ 16,667	8.33%
	Infrastructure Replacement	\$ 1,000,000	\$ 83,333	\$ 83,333	8.33%
02-5-06-56001	Insurance	\$ 100,000	\$ 9,687	\$ 9,687	9.69%
02-5-06-57030	Regulatory Compliance	\$ 15,000	\$ 1,810	\$ 1,810	12.07%
02-5-06-57090	Election Related Expenses	\$ 5,000	\$ -	\$ -	
02-5-06-57096	Beaumont Basin Watermaster	\$ 44,000	\$ -	\$ -	0.00%
02-5-06-57199	Suspense	\$ -	\$ -	\$ -	

FY 2018-19 Water Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
	ADMINISTRATION TOTALS	\$ 3,403,916	\$ 296,984	\$ 296,984	8.72%
02-5-40-57201	Debt Srv-Series 2015A Princ.(2500	\$ 1,115,000	\$ -	\$ -	0.00%
02-5-40-57402	Interest-Long-Term Debt Bonds	\$ 1,179,738	\$ -	\$ -	0.00%
	40 - Debt	\$ 2,294,738	\$ -	\$ -	0.00%
02-5-40-57001	Asset Acq. - Water Resources	\$ -	\$ -	\$ -	--
02-5-40-57003	Asset Acq. - Public works	\$ -	\$ -	\$ -	--
02-5-40-57006	Asset Acq. - Admin (fuel master)	\$ -	\$ -	\$ -	--
	40 - Capital Outlay	\$ -	\$ -	\$ -	--
				\$ 780,381	
	TOTAL WATER EXPENSES	\$ 14,150,445	\$ 780,381	\$ 780,381	5.51%

FY 2018-19 Sewer Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
03-5-02-50010	Labor-S Treatment	\$ 1,170,711	\$ 79,901	\$ 79,901	6.83%
03-5-02-50013	Benefits-Fica	\$ 89,559	\$ 6,207	\$ 6,207	6.93%
03-5-02-50014	Benefits-Life Insurance	\$ 6,336	\$ 135	\$ 135	2.14%
03-5-02-50016	Benefits-Health\Defrd Comp	\$ 248,688	\$ 15,364	\$ 15,364	6.18%
03-5-02-50017	Benefits-Disability Insurance	\$ 10,536	\$ 1,123	\$ 1,123	10.66%
03-5-02-50019	Benefits-Workers Compensation	\$ 31,609	\$ -	\$ -	0.00%
03-5-02-50021	Benefits-PERS Employee	\$ -	\$ (335)	\$ (335)	
03-5-02-50022	Benefits-PERS Employer	\$ 175,607	\$ 5,225	\$ 5,225	2.98%
03-5-02-50023	Benefits-Uniforms	\$ 6,600	\$ 310	\$ 310	4.70%
03-5-02-50024	Benefits-Vacation & Sick Pay	\$ 5,001	\$ 551	\$ 551	11.03%
03-5-02-50025	Benefits-Boot Allowance	\$ 3,960	\$ 5,400	\$ 5,400	136.36%
03-5-02-51003	R&M - Structures	\$ 300,000	\$ 8,812	\$ 8,812	2.94%
03-5-02-51010	R&M - Automation Control	\$ 70,000	\$ 4,884	\$ 4,884	6.98%
03-5-02-51106	Chemicals	\$ 600,000	\$ 59,870	\$ 59,870	9.98%
03-5-02-51111	Propane	\$ 1,000	\$ -	\$ -	0.00%
03-5-02-51115	Laboratory Supplies	\$ 35,000	\$ 2,616	\$ 2,616	7.48%
03-5-02-51140	General Supplies & Expenses	\$ 2,000	\$ 97	\$ 97	4.84%
03-5-02-51210	Utilities - Power Purchases	\$ 800,000	\$ 58,617	\$ 58,617	7.33%
03-5-02-54110	Laboratory Services	\$ 85,000	\$ 493	\$ 493	0.58%
03-5-02-57031	Sludge Disposal	\$ 230,000	\$ -	\$ -	0.00%
03-5-02-57034	Brine Operating Expenses	\$ 385,000	\$ 1,884	\$ 1,884	0.49%
	TREATMENT TOTALS	\$ 4,256,607	\$ 251,156	\$ 251,156	5.90%
03-5-06-50010	Labor-Administration	\$ 602,359	\$ 50,130	\$ 50,130	8.32%
03-5-06-50011	Labor Credit	\$ -	\$ -	\$ -	
03-5-06-50012	Directors Fees	\$ 25,000	\$ 2,474	\$ 2,474	9.90%
03-5-06-50013	Benefits-Fica	\$ 46,080	\$ 4,384	\$ 4,384	9.51%
03-5-06-50014	Benefits-Life Insurance	\$ 2,952	\$ 123	\$ 123	4.18%
03-5-06-50016	Benefits-Health\Defrd Comp	\$ 115,866	\$ 16,649	\$ 16,649	14.37%
03-5-06-50017	Benefits-Disability Insurance	\$ 5,421	\$ 807	\$ 807	14.89%
03-5-06-50019	Benefits-Workers Compensation	\$ 16,264	\$ -	\$ -	0.00%
03-5-06-50021	Benefits PERS Employee	\$ -	\$ (187)	\$ (187)	
03-5-06-50022	Benefits PERS Employer	\$ 90,354	\$ 3,779	\$ 3,779	4.18%
03-5-06-50023	Benefits-Uniforms	\$ 3,075	\$ 48	\$ 48	1.54%
03-5-06-50024	Benefits-Vacation & Sick Pay	\$ 5,000	\$ 311	\$ 311	6.21%
03-5-06-50025	Benefits-Boot Allowance	\$ 1,845	\$ -	\$ -	0.00%
03-5-06-51120	Safety Equipment/Supplies	\$ 5,500	\$ 737	\$ 737	13.40%
03-5-06-51125	Petroleum Products	\$ 18,000	\$ 1,500	\$ 1,500	8.33%
03-5-06-51130	Office Supplies	\$ 10,000	\$ 157	\$ 157	1.57%
03-5-06-51140	General Supplies & Expenses	\$ 30,000	\$ 5,488	\$ 5,488	18.29%
03-5-06-51199	Disaster Repairs	\$ -	\$ -	\$ -	
03-5-06-54002	Dues & Subscriptions	\$ 25,000	\$ 505	\$ 505	2.02%
03-5-06-54003	Management & Admin Services	\$ 202,500	\$ 16,875	\$ 16,875	8.33%
03-5-06-54005	Computer Expenses	\$ 100,000	\$ 4,232	\$ 4,232	4.23%
03-5-06-54011	Printing & Publications	\$ -	\$ 101	\$ 101	N/A
03-5-06-54012	Education & Training	\$ 15,000	\$ 3,073	\$ 3,073	20.49%
03-5-06-54014	Public Relations	\$ 25,000	\$ -	\$ -	0.00%
03-5-06-54016	Travel Related Expenses	\$ 10,000	\$ 1,483	\$ 1,483	14.83%
03-5-06-54017	Certifications & Renewals	\$ 7,500	\$ 382	\$ 382	5.09%
03-5-06-54019	Licenses & Permits	\$ 65,000	\$ -	\$ -	0.00%
03-5-06-54020	Meeting Related Expenses	\$ 5,000	\$ 565	\$ 565	11.30%

FY 2018-19 Sewer Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
03-5-06-54022	Utilities - YVWD Services	\$ 1,500	\$ -	\$ -	0.00%
03-5-06-54024	Utilities - Waste Disposal	\$ 13,000	\$ 1,136	\$ 1,136	8.74%
03-5-06-54025	Utilities - Telephone & Internet	\$ 45,000	\$ 4,918	\$ 4,918	10.93%
03-5-06-54030	Drinking Water	\$ 1,250	\$ 107	\$ 107	8.60%
03-5-06-54104	Contractual Services	\$ 50,000	\$ 10,540	\$ 10,540	21.08%
03-5-06-54107	Legal	\$ 45,000	\$ -	\$ -	0.00%
03-5-06-54108	Audit & Accounting	\$ 12,000	\$ -	\$ -	0.00%
03-5-06-54109	Professional Fees	\$ 159,000	\$ 2,500	\$ 2,500	1.57%
03-5-06-55500	Depreciation Reserves	\$ 500,000	\$ 41,667	\$ 41,667	8.33%
	Infrastructure Replacement	\$ 500,000	\$ 41,667	\$ 41,667	8.33%
03-5-06-56001	Insurance	\$ 115,000	\$ 7,941	\$ 7,941	6.91%
03-5-06-57030	Regulatory Compliance	\$ 50,000	\$ 2,171	\$ 2,171	4.34%
	ADMINISTRATION TOTALS	\$ 2,924,466	\$ 226,263	\$ 226,263	7.74%
03-5-07-50010	Labor-Environmental Control	\$ 614,646	\$ 33,397	\$ 33,397	5.43%
03-5-07-50011	Labor Credit	\$ -	\$ -	\$ -	0.00%
03-5-07-50013	Benefits-Fica	\$ 47,020	\$ 2,541	\$ 2,541	5.40%
03-5-07-50014	Benefits-Life Insurance	\$ 3,888	\$ 57	\$ 57	1.47%
03-5-07-50016	Benefits-Health\Defrd Comp	\$ 152,604	\$ 9,080	\$ 9,080	5.95%
03-5-07-50017	Benefits-Disability Insurance	\$ 5,532	\$ 447	\$ 447	8.07%
03-5-07-50019	Benefits-Workers Compensation	\$ 16,595	\$ -	\$ -	0.00%
03-5-07-50021	Benefits-PERS Employee	\$ -	\$ (256)	\$ (256)	
03-5-07-50022	Benefits-PERS Employer	\$ 92,197	\$ 2,196	\$ 2,196	2.38%
03-5-07-50023	Benefits-Uniforms	\$ 4,050	\$ 591	\$ 591	14.60%
03-5-07-50024	Benefits-Vacation & Sick Pay	\$ 2,501	\$ 247	\$ 247	9.88%
03-5-07-50025	Benefits-Boot Allowance	\$ 2,430	\$ 600	\$ 600	24.69%
03-5-07-51003	R&M - Structures	\$ 225,000	\$ 32,666	\$ 32,666	14.52%
03-5-07-51140	General Supplies & Expenses	\$ 1,000	\$ -	\$ -	0.00%
03-5-07-51241	Lift Station #1	\$ 55,000	\$ 2,145	\$ 2,145	3.90%
03-5-07-51242	Lift Station #2	\$ 14,000	\$ 723	\$ 723	5.16%
03-5-07-51243	Lift Station #3	\$ 9,000	\$ 143	\$ 143	1.59%
03-5-07-51244	Lift Station #4	\$ 14,500	\$ 537	\$ 537	3.70%
03-5-07-51248	Lift Station #8	\$ 3,000	\$ 55	\$ 55	1.85%
03-5-07-54111	Pretreatment	\$ 60,000	\$ 4,800	\$ 4,800	8.00%
	ENVIRONMENTAL CONTROL TOTAL	\$ 1,322,963	\$ 89,969	\$ 89,969	6.80%
03-5-40-57202	Debt Service - Principal - WRWRF	\$ 2,252,312	\$ -	\$ -	0.00%
03-5-40-57203	Debt Service - Principal - Brineline	\$ 435,383	\$ -	\$ -	0.00%
03-5-40-57204	Debt Service - Principal - WISE	\$ 133,659	\$ -	\$ -	0.00%
03-5-40-57205	Debt Service - Principal - R 10.3	\$ 39,161	\$ -	\$ -	0.00%
03-5-40-57206	Debt Service - Principal - Crow & B12-1	\$ 15,330	\$ -	\$ -	0.00%
03-5-40-57403	Debt Service - Interest	\$ 957,873	\$ -	\$ -	0.00%
	40 - Debt	\$ 3,833,718	\$ -	\$ -	0.00%
03-5-40-57002	Asset Acq. - Treatment	\$ -	\$ -	\$ -	
03-5-40-57006	Asset Acq. - Admin (fuel master)	\$ -	\$ -	\$ -	
03-5-40-57007	Asset Acq. - EC (ADS flow monitors & smart covers)	\$ -	\$ -	\$ -	
	40 - Capital Outlay	\$ -	\$ -	\$ -	
				\$ 567,388	
	TOTAL SEWER EXPENSES	\$ 12,337,754	\$ 567,388	\$ 567,388	4.60%

FY 2018-19 Recycled Expenses					
G/L ACCOUNT #	DESCRIPTION	BUDGET	July '18	Year to Date	%
04-5-06-50010	Labor-Recycled Water	\$ 677,931	\$ 35,074	\$ 35,074	5.17%
04-5-06-50011	Labor - Credit	\$ -	\$ -	\$ -	
04-5-06-50012	Director Fees	\$ 5,000	\$ -	\$ -	0.00%
04-5-06-50013	Benefits-FICA	\$ 51,862	\$ 2,703	\$ 2,703	5.21%
04-5-06-50014	Benefits-Life Insurance	\$ 3,528	\$ 60	\$ 60	1.70%
04-5-06-50016	Benefits-Health & Def Comp	\$ 138,474	\$ 9,274	\$ 9,274	6.70%
04-5-06-50017	Benefits-Disability Insurance	\$ 6,101	\$ 509	\$ 509	8.34%
04-5-06-50019	Benefits-Workers Compensation	\$ 18,304	\$ -	\$ -	0.00%
04-5-06-50021	Benefits-PERS Employee	\$ -	\$ (114)	\$ (114)	
04-5-06-50022	Benefits-PERS Employer	\$ 101,690	\$ 2,563	\$ 2,563	2.52%
04-5-06-50023	Benefits-Uniforms	\$ 3,675	\$ 45	\$ 45	1.23%
04-5-06-50024	Benefits-Vacation & Sick Pay	\$ 1,000	\$ 56	\$ 56	5.62%
04-5-06-50025	Benefits-Boots	\$ 2,205	\$ 600	\$ 600	27.21%
04-5-06-51003	R & M-Structures	\$ 34,000	\$ -	\$ -	0.00%
04-5-06-51011	R & M-Valves	\$ 5,000	\$ -	\$ -	0.00%
04-5-06-51020	R & M-Pipelines	\$ 2,500	\$ -	\$ -	0.00%
04-5-06-51021	R & M-Service Lines	\$ 2,500	\$ -	\$ -	0.00%
04-5-06-51022	R & M-Fire Hydrants	\$ 1,000	\$ -	\$ -	0.00%
04-5-06-51030	R & M-Meters/Backflows	\$ 10,000	\$ 104	\$ 104	1.04%
04-5-06-51140	General Supplies & Expenses	\$ 5,000	\$ 1,220	\$ 1,220	24.39%
04-5-06-51210	Utilities-Power Purchases	\$ 70,000	\$ 4,609	\$ 4,609	6.58%
04-5-06-54002	Dues & Subscriptions	\$ 1,500	\$ 16	\$ 16	1.03%
04-5-06-54005	Computer Expense	\$ 5,000	\$ -	\$ -	0.00%
04-5-06-54011	Printing & Publications	\$ -	\$ -	\$ -	N/A
04-5-06-54012	Education & Training	\$ 4,000	\$ 686	\$ 686	17.15%
04-5-06-54014	Public Relations	\$ 6,500	\$ -	\$ -	0.00%
04-5-06-54016	Travel Related Expenses	\$ 2,500	\$ 208	\$ 208	8.32%
04-5-06-54017	Certifications & Renewals	\$ 1,000	\$ -	\$ -	0.00%
04-5-06-54019	Licenses & Permits	\$ 10,000	\$ -	\$ -	0.00%
04-5-06-54020	Meeting Related Expenses	\$ 1,500	\$ 126	\$ 126	8.37%
04-5-06-54022	Utilities - YVWD Services	\$ 30,000	\$ -	\$ -	0.00%
04-5-06-54025	Utilities - Telephone & Internet	\$ 2,000	\$ -	\$ -	0.00%
04-5-06-54010	Contractual Services	\$ 5,000	\$ 2,000	\$ 2,000	40.00%
04-5-06-54107	Legal	\$ 1,500	\$ -	\$ -	0.00%
04-5-06-54108	Audit & Accounting	\$ 2,500	\$ -	\$ -	0.00%
04-5-06-54109	Professional Fees	\$ 10,000	\$ -	\$ -	0.00%
04-5-06-54110	Laboratory Services	\$ -	\$ -	\$ -	
04-5-06-55500	Depreciation	\$ 8,000	\$ 685	\$ 685	8.56%
	Infrastructure Replacement	\$ 15,000	\$ 1,250	\$ 1,250	8.33%
04-5-06-56001	Insurance	\$ 20,000	\$ 1,765	\$ 1,765	8.82%
04-5-06-57030	Regulatory Compliance	\$ 25,000	\$ -	\$ -	0.00%
04-5-06-57040	Environmental Compliance	\$ 2,500	\$ -	\$ -	0.00%
				\$ 63,439	
	TOTAL RECYCLED EXPENSES	\$ 1,293,270	\$ 63,439	\$ 63,439	4.91%

Board Reports



Yucaipa Valley Water District

Director Comments



Yucaipa Valley Water District



FACTS ABOUT THE YUCAIPA VALLEY WATER DISTRICT

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

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

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

Operating Budget: Water Division - \$13,397,500
Sewer Division - \$11,820,000
Recycled Water Division - \$537,250
Total Annual Budget - \$25,754,750

Number of Services: 12,434 water connections serving 17,179 units
13,559 sewer connections serving 20,519 units
64 recycled water connections

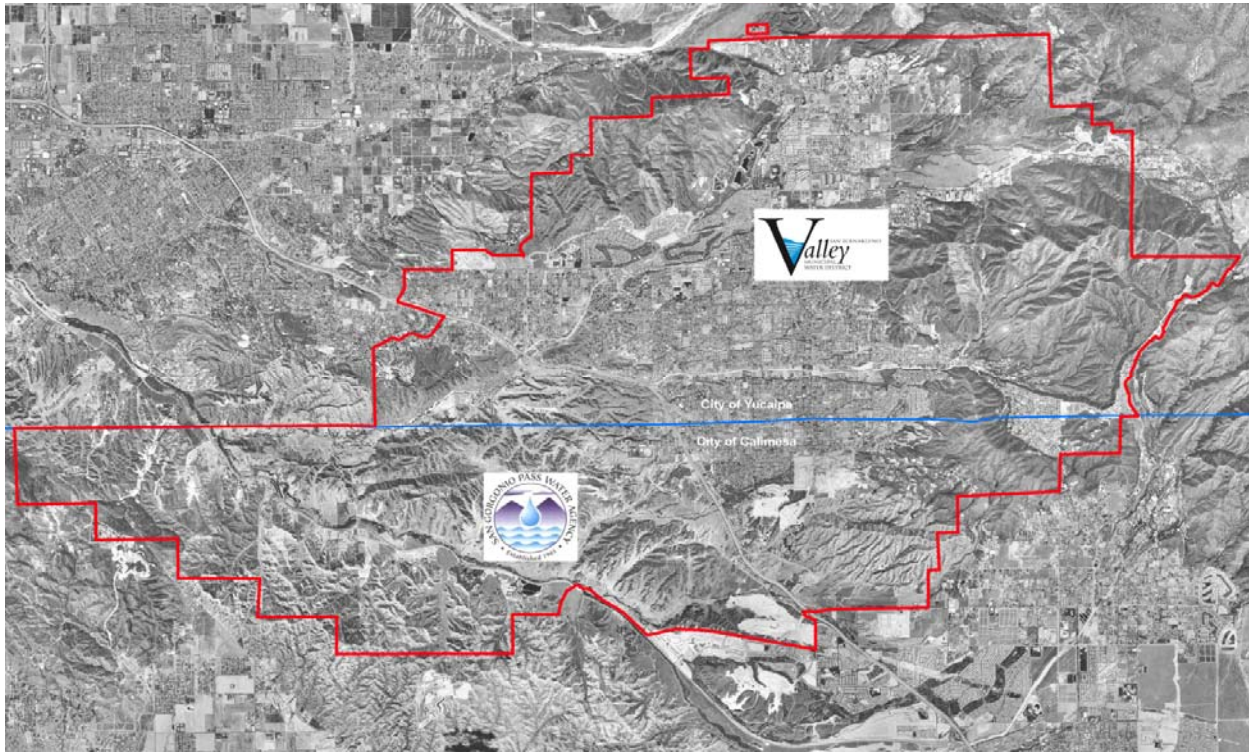
Water System: 215 miles of drinking water pipelines
27 reservoirs - 34 million gallons of storage capacity
18 pressure zones
12,000 ac-ft annual water demand (3.9 billion gallons)
Two water filtration facilities:
- 1 mgd at Oak Glen Surface Water Filtration Facility
- 12 mgd at Yucaipa Valley Regional Water Filtration Facility

Sewer System: 8.0 million gallon treatment capacity - current flow at 4.0 mgd
205 miles of sewer mainlines
5 sewer lift stations
4,500 ac-ft annual recycled water prod. (1.46 billion gallons)

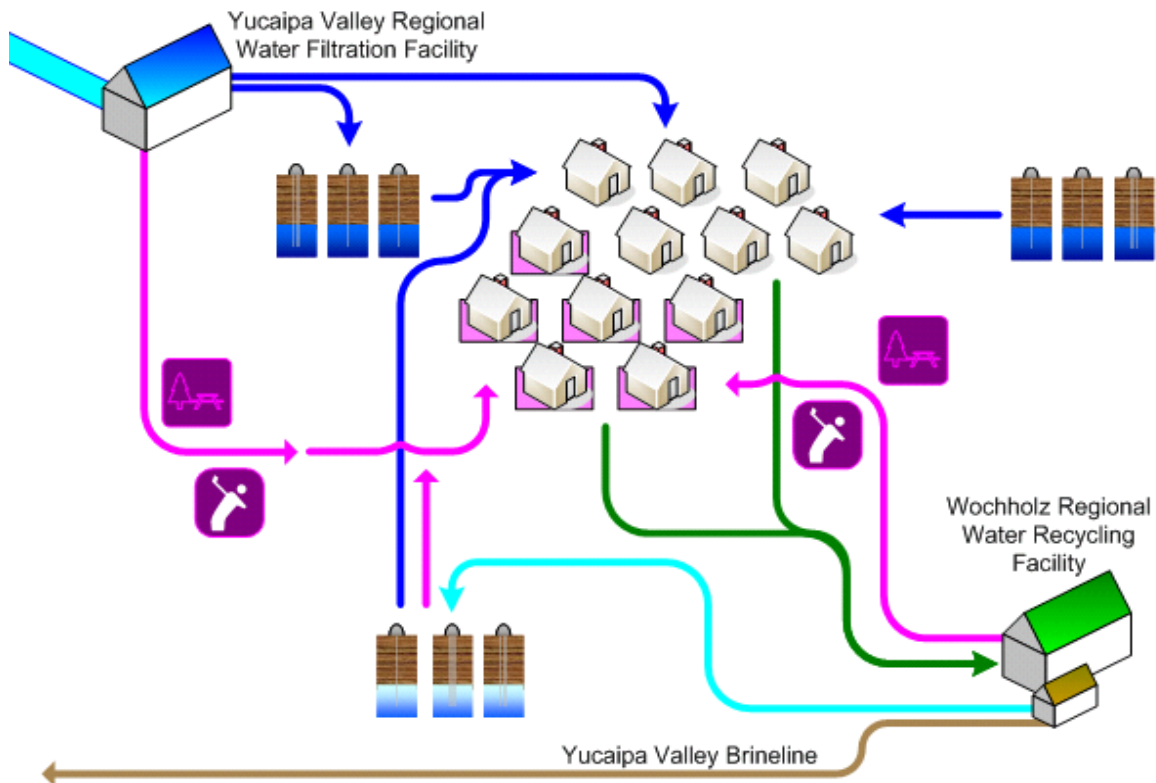
Recycled Water: 22 miles of recycled water pipelines
5 reservoirs - 12 million gallons of storage
1,200 ac-ft annual recycled demand (0.4 billion gallons)

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

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



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





THE MEASUREMENT OF WATER PURITY

One part per hundred is generally represented by the percent (%).
This is equivalent to about fifteen minutes out of one day.

One part per thousand denotes one part per 1000 parts.
This is equivalent to about one and a half minutes out of one day.

One part per million (ppm) denotes one part per 1,000,000 parts.
This is equivalent to about 32 seconds out of a year.

One part per billion (ppb) denotes one part per 1,000,000,000 parts.
This is equivalent to about three seconds out of a century.

One part per trillion (ppt) denotes one part per 1,000,000,000,000 parts.
This is equivalent to about three seconds out of every hundred thousand years.

One part per quadrillion (ppq) denotes one part per 1,000,000,000,000,000 parts.
This is equivalent to about two and a half minutes out of the age of the Earth (4.5 billion years).





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 sewer 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 sewer treatment process. This high-quality product can be used as a soil amendment on farm land or further processed as an earth-like product for commercial and home gardens to improve and maintain fertile soil and stimulate plant growth.

Catch Basin – A chamber usually built at the curb line of a street, which conveys surface water for discharge into a storm sewer.

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

Collector Sewer – The first element of a wastewater collection system used to collect and carry wastewater from one or more building sewer laterals to a main sewer.

Coliform Bacteria – A group of bacteria found in the intestines of humans and other animals, but also occasionally found elsewhere and is generally used as an indicator of sewage pollution.

Combined Sewer Overflow – The portion of flow from a combined sewer system, which discharges into a water body from an outfall located upstream of a wastewater treatment plant, usually during wet weather conditions.

Combined Sewer System– Generally older sewer systems designed to convey both sewage and storm water into one pipe to a wastewater treatment plant.

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.

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.

Dry Weather Flow – Flow in a sanitary sewer during periods of dry weather in which the sanitary sewer is under minimum influence of inflow and infiltration.

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.

Infiltration – Water other than sewage that enters a sewer system and/or building laterals from the ground through defective pipes, pipe joints, connections, or manholes. Infiltration does not include inflow. See *Inflow*.

Inflow - Water other than sewage that enters a sewer system and building sewer from sources such as roof vents, yard drains, area drains, foundation drains, drains from springs and swampy areas, manhole covers, cross connections between storm drains and sanitary sewers, catch basins, cooling towers, storm waters, surface runoff, street wash waters, or drainage. Inflow does not include infiltration. See *Infiltration*.

Inflow / Infiltration (I/I) – The total quantity of water from both inflow and infiltration.

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.

Peak Flow – The maximum flow that occurs over a specific length of time (e.g., daily, hourly, instantaneously).

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.

Sanitary Sewer System - Sewer collection system designed to carry sewage, consisting of domestic, commercial, and industrial wastewater. This type of system is not designed nor intended to carry water from rainfall, snowmelt, or groundwater sources. See *Combined Sewer System*.

Sanitary Sewer Overflow – Overflow from a sanitary sewer system caused when total wastewater flow exceeds the capacity of the system. See *Combined Sewer Overflow*.

Santa Ana River Interceptor (SARI) Line – A regional brine line designed to convey 30 million gallons per day of non-reclaimable wastewater from the upper Santa Ana River basin to the sewer treatment plant operated by Orange County Sanitation District.

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

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.

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 sewage.

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.

Special District - A political subdivision of a state established to provide a public services, such as water supply or sanitation, within a specific geographic area.

Surface Water - Water found in lakes, streams, rivers, oceans or reservoirs behind dams.

Total Suspended Solids (TSS) – The amount of solids floating and in suspension in water or sewage.

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 primary treated sewage as it trickles over them.

Underground Service Alert (USA) - A free service 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 typically carries 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; see Hydrologic cycle.

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

Water Service Line - The pipeline that delivers potable water to a residence or business from the District's water system. Typically the water service line is a 1" to 1½" diameter pipe for residential properties.

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

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.

Water Well - A hole drilled into the ground to tap an underground water aquifer.

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

Wet Weather Flow – Dry weather flow combined with stormwater introduced into a combined sewer system, and dry weather flow combined with infiltration/inflow into a separate sewer system.





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
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