

Agenda

**Special Meeting
of the Board of Directors of
Yuima Municipal Water District
Monday, September 30, 2019 2:00 P.M.
34928 Valley Center Road, Pauma Valley, California**

Ron W. Watkins, President
Roland Simpson, Vice-President
Don Broomell, Secretary / Treasurer

Laney Villalobos, Director
Steve Wehr, Director

AGENDA TOPICS

- 2:00 p.m.
1. **Roll Call** - Determination of Quorum Broomell
 2. **Pledge of Allegiance**
 3. **Approval of Agenda** – At its option, the Board may approve the agenda, delete an item, reorder items and add an item to the agenda per the provisions of Government Code §54954.2. Watkins
 4. **Public Comment** – This is an opportunity for members of the public to address the Board on matters of interest within the Board’s jurisdiction that are not listed on the agenda. The Brown Act does not allow any discussion by the Board or staff on matters raised during public comment except; 1) to briefly respond to statements made or questions posed; 2) ask questions for clarification; 3) receive and file the matter; 4) if it is within staff’s authority, refer it to them for a reply; or 5) direct that it be placed on a future board agenda for a report or action. Inquiries pertaining to an item on the agenda will be received during deliberation on that agenda item. No action can be taken unless specifically listed on the agenda (Government Code §54954.3).D48 Watkins
- 2:05 - 2:08 P.M.
- I. **SPECIAL REPORTS**
Joint Powers Fire Report Bishop
- 2:08-2:10 P.M.
- II. **CONSENT CALENDAR**
Consent Calendar items will be voted on together by a single motion unless separate action is requested by a Board Member, staff or audience member.
 1. Approve minutes of the Regular Meeting of August 26, 2019 & Special Meeting of September 16, 2019.
 2. Approve of Accounts Paid and Payables for & Reporting under Government Code §53065.5 for August 2019.
 3. Accept of Monthly Financial Reports - August, Treasurer's Report and Cash Statements.

III. **ACTION DISCUSSION**

1. Solar Power Proposal Presentation. Baker Electric

Background: The Board requested staff to research possible solar opportunities in an effort to save on future electric costs. James Nelson from Baker Electric has prepared a presentation regarding different option available to the district.

Recommendation: That, the Board direct staff as to the desired next steps regarding possible solar options.

2. Authorize Execution of Term Sheet for Revenue Bond. Reeh

Background: The Board approved Resolution No. 1832-19 at August 26, 2019 meeting, authorizing staff and consultants to move forward with obtaining financing for the Forebay Pump Station Project. Preliminary Loan Packages have been distributed for a private placement loan. Term sheets will be provided on October 8, 2019. In order to lock in proposed rates, these term sheets must be signed and returned to the Underwriter. The bond will not be issued without the final approval of the board by resolution at the October Board meeting.

Recommendation: That the General Manager or Assistant General Manager / Finance Manager be authorized to execute the proposed term sheets to lock in potential rates.

3. The Award of Contract for the Design Engineering and Bidding on the Rincon Road Waterline Upgrade. Williamson

Background: The District needs to complete the extension of the subject waterline, and the timing is important to save repaving costs due to plans of the RRRCSO to improve their roadways. The proposal for engineering services is attached hereto in the amount not to exceed \$51,370. The District's portion of the work totals \$51,370.00

Recommendation: That the Board approve the TKE agreement as presented.

4. Proposed Resolution Approving Agreement For Emergency and Support Services for the Rancho Estates Mutual Water Company and Rescinding Resolution No. 1826.19. Williamson

Background: As previously reported at the August Board Meeting, Yuima cancelled the Emergency Services contract with Rancho Estates and Pauma Valley Mutual Water Companies. Rancho Estates has approached management asking to please renegotiate the contract. Attached is the contract proposed by Rancho Estates.

Recommendation: That, should the Board agree, they adopt the Proposed Resolution.

5. Proposal from Rancho Estates MWC for an Operations/Service Agreement with Yuima MWD.

Williamson

Background: General Manager Graziano from Rancho Estates MWC would like to propose an Operations/Service Agreement with YMWD.

Recommendation: It is the staff's recommendation that the Board consider the request made by the REMWC; that it require the utilization of the latest approved personnel rates for work under a proposed agreement, that steps are taken to insure that no contribution of public funds will occur through the arrangement and approved. This arrangement would require the addition of 1.0 FTE. The FTE will be charged to Rancho Estates contract at the fully burden compensation rate (base pay, all benefits and overhead). Management and Administrative support cost would all be fully reimbursed.

6. Discussion and Possible Direction on a Temporary Moratorium on the Installation of Any Meter in in Excess of 1 Inch in Size.

Williamson

Background: The Board has had numerous discussions of system capacity and capabilities relative to transmission, pumping and storage in the past year. The District infrastructure is stretched to its operational limits during periods of high water demands during the warmer months. In addition, the State Water Resources Control Board, Department of Drinking Water has raised issues about the present capacity of the District water system to meet future demands. Mr. Williamson has prepared a draft White Paper that discusses the issue and the options available to the District at this time.

Recommendation: After discussion, the Board shall give direction to the General Manager on the path they would like to take based on the presentation at the meeting. Certain directions may require future board action such as Resolution that would be presented at a future Board Meeting.

3:00 - 3:30 P.M. IV.

INFORMATION / REPORTS

1. **Board Reports / Meetings**

President/JPIA
San Diego County Water Authority/MWD
Other Meetings (SGMA/GSA)

Williamson
Watkins
Simpson

2. **Administrative**

General Information
1. TSAWR
2. Wheeling Agreement
Monthly Task Listing
Address Director(s) Written Questions
Contract Services

Williamson

3. **Capital Improvements**

1. Forebay Bidding Status
2. ESP Status with VCMWD

Williamson

- | | |
|--|--------------|
| <p>4. Operations
 General Information
 Rainfall
 Production / Consumption Report
 Well Levels
 District Water Purchased</p> | <p>Simon</p> |
| <p>5. Counsel</p> | <p>Burns</p> |
| <p>6. Finance & Administrative Services
 General Information
 Delinquent Accounts</p> | <p>Reeh</p> |

3:30-3:45 P.M. **V. CLOSED SESSION**

1. Significant exposure to litigation pursuant to subdivision (c) of Section 54956.9 (four potential cases).

3:45-4:00 P.M. **VI. OTHER BUSINESS**

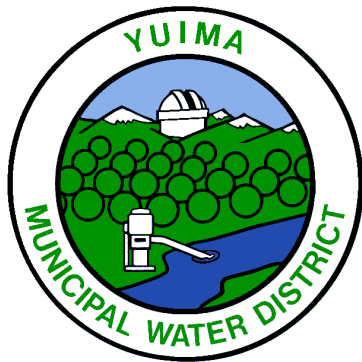
4:00-4:05 P.M. **VII. ADJOURNMENT**

NOTE: In compliance with the Americans with Disabilities Act, if special assistance is needed to participate in the Board meeting, please contact the General Manager at (760) 742-3704 at least 48 hours before the meeting to enable the District to make reasonable accommodations. The meeting begins at 2:00 p.m. The time listed for individual agenda items is an estimate only. Any writings or documents provided to a majority of the members of the Yuima Municipal Water District Board of Directors regarding any item on this agenda will be made available for public inspection during normal business hours in the office of the General Manager located at 34928 Valley Center Road, Pauma Valley.

I.
SPECIAL REPORTS

YUIMA BOARD OF DIRECTORS MEETING

FIRE REPORT



AUGUST 2019

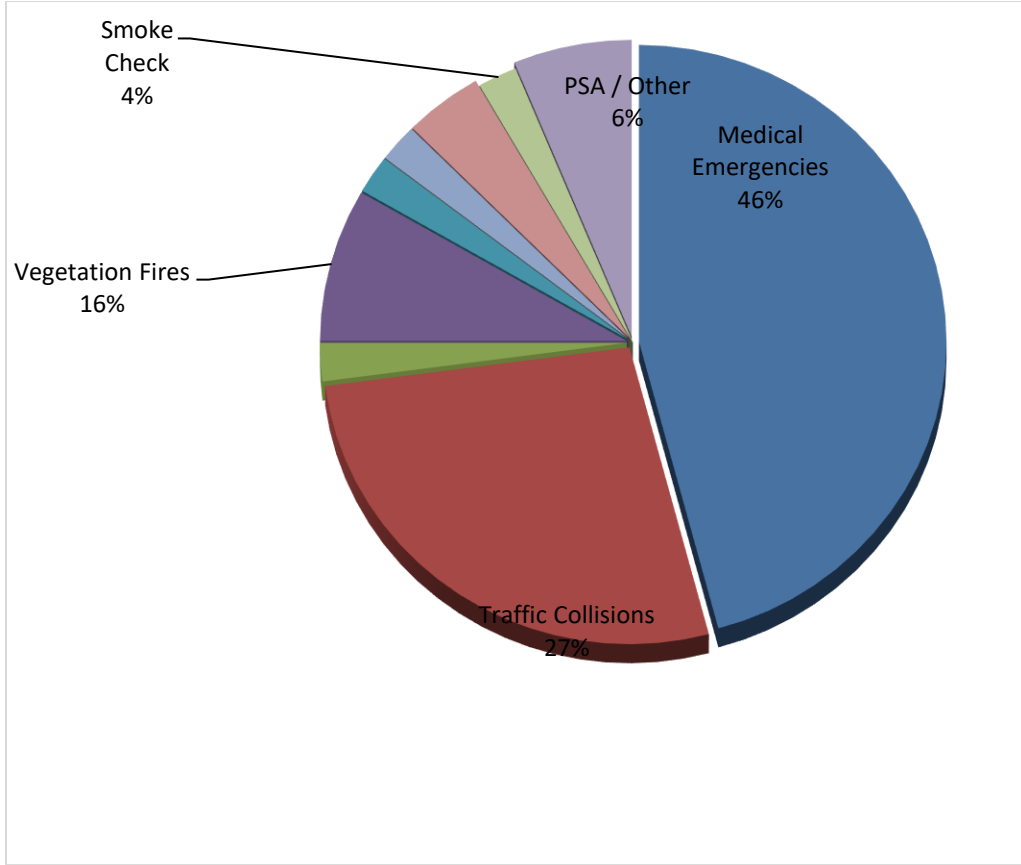
CAL FIRE SAN DIEGO UNIT – RINCON STATION 70
PROUDLY SERVING THE YUIMA MUNICIPAL WATER DISTRICT

PREPARED BY FIRE CAPTAIN GETTMAN

Response within IA	AUG 2019	JAN - JULY	District YTD
Medical Emergencies	22	244	266
Traffic Collisions	13	82	95
Vehicle Fires	1	7	8
Vegetation Fires	4	28	32
Structure Fires	1	10	11
Swift Water Rescues	0	0	0
Fire Alarm Ringing	1	13	14
Illegal Debris Burns	2	13	15
Smoke Checks	1	12	13
PSA / Other	3	24	27
Canceled en route	12	104	116
Assist to Pauma Reservation Fire	1	2	3
Assist to La Jolla Reservation Fire	7	88	95
Assist to Rincon Reservation Fire	1	1	2
Assist to Valley Center Fire	0	1	1
Assist Palomar SDFA	0	1	1
Assist to Pala Reservation Fire	0	2	2
Month Total Responses	48		
Station YTD Responses		433	481

CALL TYPE BY PERCENTAGE

AUG 2019



NOTABLE INCIDENTS FOR AUG 2019

Station 70 Personnel along with cooperators throughout the Valley and San Diego County responded to the “Gate” Fire off Red Gate Rd. Fire Personnel were able to contain the fire to less than 10 acres. The Cause is still under investigation. The Gate Fire had the following amount of personnel and equipment assigned;

5 Pieces of Aircraft = 12 Firefighters

7 Fire Engines = 28 Firefighters

2 Hand Crews = 24 Firefighters

2 Dozers= 4 Firefighters

2 Water Tenders = 2 Firefighters

Total Personnel = 70



II.
CONSENT CALENDAR

**MINUTES OF THE REGULAR MEETING
OF THE BOARD OF DIRECTORS OF
YUIMA MUNICIPAL WATER DISTRICT
August 26, 2019**

The Regular Meeting of the Board of Directors of the Yuima Municipal Water District was held at the office of the District, 34928 Valley Center Road, Pauma Valley, California on Monday, the 26th day of August 2019.

**Regular Meeting
08/26/2019**

1. ROLL CALL – DETERMINATION OF QUORUM

President Watkins called the meeting to order at 2:01 p.m.

**Call to Order
2:01 p.m.**

Directors Present:

Present: 5

- Ron W. Watkins, President
- Roland Simpson, Vice-President
- Laney Villalobos, Director- arrived at 2:04 p.m.
- Don Broomell, Secretary/Treasurer
- Steve Wehr, Director

Quorum Present

President Watkins declared that a quorum of the Board was present.

Absent: 0

Directors Absent:

Others Present:

Others Present

- Rich Williamson, General Manager
- Amy Reeh, Assistant General Manager/Finance Manager
- Allen Simon, YMWD
- Carmen Rodriguez, YMWD
- Adam Gettman, CAL FIRE
- Robert Reynolds, CAL FIRE
- Darren House

2. PLEDGE OF ALLEGIANCE

President Watkins led those present in the Pledge of Allegiance.

Pledge of Allegiance

3. APPROVAL OF AGENDA

No changes to the agenda were proposed.

Approval of Agenda

4. PUBLIC COMMENT

No speaker requests were received and no other indication to speak was offered by member of the public present.

Public Comment

I. SPECIAL REPORTS

Special Reports

1. Joint Powers Fire Report

CAL FIRE Captain Adam Gettman reported that there was very little fire activity in the month of July. Station 70 spent the majority of the month on training and completing property inspections. The training was focused around wildland fire training.

II. CONSENT CALENDAR

Consent Items

Upon motion being offered by Director Simpson, seconded by Director Broomell, the Minutes of the Special Meeting of July 24, 2019, Accounts Paid and Payables for June and July 2019, Purchase Order Activity Report for July 2019, Monthly Financial Reports for June and July 2019, and the CAFR Award were approved by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

III. ACTION/DISCUSSION

1. Resolution 1831-19 Fixing the Employer Contribution at Unequal Amounts for Employees and Annuitants Under the Public Employees Medical and Hospital Care Act with Respect to a Recognized Employee Organization.

Resolution 1831-19 Fixing the Employer Contribution at Unequal Amounts for Employees & Annuitants Under the Public Employees Medical & Hospital Care Act with Respect to a Recognized Employee Organization.

Upon motion being offered by Director Broomell seconded by Director Wehr Resolution 1831-19 Fixing the Employer Contribution at Unequal Amounts for Employees and Annuitants Under the Public Employees Medical and Hospital Care Act with Respect to a Recognized Employee Organization was approved by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

2. Resolution 1832-19 Authorizing Staff and Consultants to Prepare Necessary Documentation for the Issuance of Bonds to Finance Water Improvements and Approving Financing Team Members.

Resolution 1832-19 Authorizing Staff & Consultants to Prepare Necessary Documentation for Issuance of Bonds to Finance Water Improvements & Approving Financing Team Members.

Following discussion and upon motion being offered by Director Wehr seconded by Director Simpson Resolution 1832-19 Authorizing Staff and Consultants to Prepare Necessary Documentation for the Issuance of Bonds to Finance Water Improvements and Approving Financing Team Members was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

3. Insurance Provisions of JPIA Relative to G.S.A. Actions.

Insurance Provisions of JPIA to G.S.A. Actions.

Following discussion and upon motion offered by Director Broomell seconded by Director Wehr the topic was tabled to next month's Board Meeting was approved by the following roll-call vote to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

4. Authorizing General Manager to Enter into a New Lease Agreement with AT&T for Communication Equipment at Perricone Tank.

Authorizing General Manager to Enter into a New Lease Agreement with AT&T for Communication Equipment at Perricone Tank.

Following discussion and upon motion being offered by Director Simpson seconded by Director Villalobos *Authorizing General Manager to Enter into a New Lease Agreement with AT&T for Communication Equipment at Perricone Tank* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

5. Approval of Purchase Order in Excess of \$35,00 for the Following Vendors: Hydrocurrent Well Services, Barrett Engineered Pumps, Inc., Upper San Luis Rey Groundwater Subbasin GSA, and GEI Consultants.

Approval of Purchase Orders

Following discussion and upon motion being offered by Director Wehr seconded by Director Broomell *Purchase Orders for Hydrocurrent Well Services and Barrett Engineered Pump, Inc.* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

Purchase Orders for Upper San Luis Rey Groundwater Subbasin GSA and GEI Consultants were tabled until next Board Meeting.

6. Resolution 1833-19 Making California Environmental Quality Act Findings for Forebay Pump Station Project and Ordering a Notice of Exemption Filed with the San Diego County Clerk.

Resolution 1833-19 Making CEQA Findings for Forebay Pump Station Project & Ordering a NOE filed with the SD County Clerk.

Following discussion and upon motion offered by Director Broomell seconded by Director Simpson *Making California Environmental Quality Act Findings for Forebay Pump Station Project and Ordering a Notice of Exemption Filed with San Diego County Clerk* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

7. Opening a New Bank Account with Chase for the G.S.A.

Following discussion and upon motion offered by Director Broomell seconded by Director Wehr the topic was tabled to next month's Board Meeting was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Villalobos, Wehr, Broomell, Watkins
NOES: None
ABSTAIN: None
ABSENT: None

Opening a New Bank Account with Chase for the G.S.A.

IV. INFORMATION/REPORTS

1. Board Reports/Meeting

General Manager Williamson advised there was nothing to report on JPIA.

JPIA

President Watkins reported that at the last San Diego County Water Authority Meeting Fallbrook and Rainbow announced that they want out of the San Diego County Water Authority. Fallbrook and Rainbow Water Districts are wanting to join Eastern Water District for their water needs in Riverside County. Fallbrook and Rainbow Water Districts advised SDCWA that the water rates have been increasing and this is driving their agriculture customers out of business.

SDCWA

Director Simpson advised that the consultant has been selected for GSP. There is currently a halt on the Scope of Work because of clause regarding the water rights. There is a consensus of the Board is that they don't want the State to take over the GSA.

2. Administrative

Administrative

General Manager Williamson advised the board that he received a letter from Darren House who is requesting that the Board's attorney look into his responsibility for paying pump fees when part of the year he receives water from a gravity feed meter from the Horizontal Wells. Mr. House feels that if he's not paying for electricity to use the pump that he shouldn't have to pay a pump rate. There are times of the year that Mr. House does use pump water and he's not asking for that money back. General Manager Williamson advised the Board that he would have Allison review Mr. House's request and come back with options for the Board to consider. General Williamson advised the Board that he would be meeting with Amy and Allen to see if they can come up with an inventory of what timeframes Yuima might have delivered water without pumping costs to the property. Once that information has been gathered General Manager Williamson will have Allison review it. Following discussion Director Watkins advised the board that General Manager Williamson, Assistant General Manger Reeh and Allen Simon would work on some numbers that they feel are fair, run it by the Board Counsel Allison Burns before presenting it to the Board.

3. Capital Improvement Program

Capital Improvements

There was no information to report at this time.

4. Operations

Operations

Allen Simon reported that the Division of Drinking Water is currently performing a sanitary survey. The Division of Drinking Water has completed the General District and is halfway through completing IDA. No Major issues have come up on the on the survey. The Division of Drinking Water is requesting for some small issues to get fixed and are having Yuima MWD submit photos of the repairs. On the Forebay project Yuima

MWD staff is conducting a plan review with some new ideas for the engineer to implement.

5. Counsel

No Counsel was present.

6. Finance & Administrative Services

Assistant General Manager Reeh reported that the District received eight application for the office position. Assistant General Manager Reeh is hoping to have the new employee start the end of September. PERS has changed their rules on contributions. In the past anytime time a lump sum contribution was made it was dispersed among everyone in the pool. Now any contribution you make 100% goes to the Districts unfunded liability.

There's about \$1,800 in delinquent accounts.

VI. OTHER BUSINESS

Director Villalobos had a requested from the Board to that the attorney should not consulted unless it has been approved by the Board. Director Villalobos stated the attorney fees are excessive. Director Watkins suggested that we add to next month's Board agenda, legal expenses.

Counsel

Finance & Admin
Services

Other Business

VII. ADJOURNMENT

There being no further business to come before the board the meeting was adjourned at 5:12 p.m. to August 26, 2019.

Adjourned at 5:12
p.m. to August 26,
2019

Don Broomell, Secretary/Treasurer

Ron W. Watkins, President

DRAFT

**MINUTES OF THE SPECIAL MEETING
OF THE BOARD OF DIRECTORS OF
YUIMA MUNICIPAL WATER DISTRICT
September 16, 2019**

The Special Meeting of the Board of Directors of the Yuima Municipal Water District was held at the office of the District, 34928 Valley Center Road, Pauma Valley, California on Monday, the 16th day of September 2019.

**Special Meeting
09/19/2019**

1. ROLL CALL – DETERMINATION OF QUORUM

President Watkins called the meeting to order at 3:06 p.m.

**Call to Order
3:06 p.m.**

Directors Present:

Present: 4

- Ron W. Watkins, President
- Roland Simpson, Vice-President.
- Steve Wehr, Director
- Don Broomell, Secretary/Treasurer

Quorum Present

President Watkins declared that a quorum of the Board was present.

Directors Absent:

Absent: 1

- Laney Villalobos, Director

Others Present:

Others Present

- Amy Reeh, Assistant General Manager/Finance Manager, YMWD
- Rich Williamson, General Manager, YMWD
- Carmen Rodriguez, YMWD

2. PLEDGE OF ALLEGIANCE

President Watkins led those present in the Pledge of Allegiance.

Pledge of Allegiance

3. APPROVAL OF AGENDA

No Changes to the agenda were proposed. General Manager Williamson advised the Board that a printout of the revised resolution was included in the agenda.

Approval of the Agenda

4. PUBLIC COMMENT

No speaker requests were received and no other indication to speak was offered by members of the public present.

Public Comment

I. ACTION/DISCUSSION

Action/Discussion

1. Resolution 1834-19 Approving Design, Determining the Wage Sale, and, other Contract Documents for, and, Authorizing the Advertisement of Invitation for Bids for the Rehabilitation of Forebay Pump Station and the Approvals of Purchase Orders for Consolidated Electrical Distributors and Tran Controls SCADA Solutions.

Following discussion and upon motion being offered by Director Wehr seconded by Director Simpson *Resolution 1834-19 Approving Design, Determining the Wage Scale, and other Contract Documents for, and, Authorizing the Advertisement of Invitation for Bids for the Rehabilitation of Forebay Pump Station and the Approvals for Purchase Orders for Consolidated Electrical Distributors and Tran Controls SCADA Solutions* was approved and carried unanimously by the following roll-call vote, to wit:

AYES: Simpson, Wehr, Broomell, Watkins
 NOES: None
 ABSTAIN: None
 ABSENT: Villalobos

II. OTHER BUSINESS

Other Business

The Regular Board Meeting has been rescheduled to Monday, September 30, 2019 at 2:00 p.m.

III. ADJOURNMENT

There being no further business to come before the board the meeting was adjourned at 4:15 p.m.

Don Broomell, Secretary/Treasurer

Ron W. Watkins, President

Adjournment at
4:15 pm.

DRAFT



Expense Approval Report

Yuima Municipal Water District
 Payment Dates 080119 - 083119

Payment Number	Vendor Name	Description (Item)	Amount
55442	ACWA JPIA	Aug Ins Recon	5,011.40
55442	ACWA JPIA	Aug Ins Recon	-312.47
55442	ACWA JPIA	Aug Ins Recon	-4,282.57
55442	ACWA JPIA	Aug Ins Recon	57.38
55442	ACWA JPIA	Dental Insurance	319.51
55442	ACWA JPIA	Director Dental Insurance	69.61
55442	ACWA JPIA	Director Vision	23.66
55442	ACWA JPIA	GTL Admin	4.70
55442	ACWA JPIA	GTL	295.42
55442	ACWA JPIA	Health Benefits	5,794.90
55442	ACWA JPIA	Vision	98.28
55442	ACWA JPIA	Dental Insurance	319.51
55442	ACWA JPIA	GTL Admin	4.70
55442	ACWA JPIA	GTL	295.42
55442	ACWA JPIA	Health Benefits	5,794.90
55442	ACWA JPIA	Vision	98.28
55442	ACWA JPIA	Dental Insurance	319.51
55442	ACWA JPIA	GTL Admin	4.70
55442	ACWA JPIA	GTL	295.42
55442	ACWA JPIA	Health Benefits	5,794.90
55442	ACWA JPIA	Vision	98.28
55444	AFLAC	AFLAC-Cancer Coverage Insurance	52.56
55444	AFLAC	AFLAC-Life Insurance Coverage	75.32
55444	AFLAC	AFLAC-Accident Coverage Insurance	67.32
55444	AFLAC	AFLAC-Hospital Coverage	26.22
55444	AFLAC	AFLAC-Critical Care Coverage	48.06
55444	AFLAC	AFLAC-Cancer Coverage Insurance	52.56
55444	AFLAC	AFLAC-Life Insurance Coverage	75.32
55444	AFLAC	AFLAC-Accident Coverage Insurance	67.32
55444	AFLAC	AFLAC-Hospital Coverage	26.22
55444	AFLAC	AFLAC-Critical Care Coverage	48.06
55444	AFLAC	AFLAC-Cancer Coverage Insurance	52.56
55444	AFLAC	AFLAC-Life Insurance Coverage	75.32
55444	AFLAC	AFLAC-Accident Coverage Insurance	67.32
55444	AFLAC	AFLAC-Hospital Coverage	26.22
55444	AFLAC	AFLAC-Critical Care Coverage	48.06
55445	Allstate Security Services, Inc	June 28-June 30	2,080.00
55445	Allstate Security Services, Inc	July 4th Holiday	1,440.00
55445	Allstate Security Services, Inc	July 8 - July 14	6,720.00
55445	Allstate Security Services, Inc	July 1 - July 7	5,760.00
55446	AT & T MOBILITY	GM & AGM Cell Phone July 2019	109.93
55446	AT & T MOBILITY	GM & AGM Cell Phone July 2019	109.93
55447	CONTROLLED ENVIRONMENTS LLC	FY 18/19 WEED ABATEMENT	331.50
55447	CONTROLLED ENVIRONMENTS LLC	FY 18/19 WEED ABATEMENT	331.50
55447	CONTROLLED ENVIRONMENTS LLC	July Herbicide at Well Sites	331.50
55447	CONTROLLED ENVIRONMENTS LLC	July Herbicide at Well Sites	331.50
55448	FIRE ETC	MSA 6000 Thermal Imager Camera & Acces	17,024.50
55448	FIRE ETC	Thermal Imager Battery	258.60
55449	HACH COMPANY	CL2 Standard Solution	28.11
55449	HACH COMPANY	Electrode	329.00
55449	HACH COMPANY	Electrode	667.97
55449	HACH COMPANY	CL2 Standard Solution	57.07
55449	HACH COMPANY	2557000-CL17 Total Reagent	865.47
55449	HACH COMPANY	2556900-CL17 Chlorine Free Reagent	428.03
55449	HACH COMPANY	2556900-CL17 Chlorine Free Reagent	869.03
55449	HACH COMPANY	2557000-CL17 Total Reagent	1,757.18
55450	LSA Associates	Forebay Pump Station Replacement Project	1,385.78
55451	MCMMASTER-CARR SUPPLY CO	8989k471 Tubing 6'	5.49
55451	MCMMASTER-CARR SUPPLY CO	89895K634 50' Tubing	205.40

55451	MCMASTER-CARR SUPPLY CO	89895K634 50' Tubing	417.03
55451	MCMASTER-CARR SUPPLY CO	8989k471 Tubing 6'	11.14
55452	RIK MAZZETTI & SONS GARAGE	Freon for Truck #8	192.00
55452	RIK MAZZETTI & SONS GARAGE	Truck #3 Oil Change	70.00
55452	RIK MAZZETTI & SONS GARAGE	Oil Change Truck #8	40.00
55453	ROBERT M. DAVIS	AWWA Annual Cert Renewal Fee	55.00
55454	SDG&E	Project #300000279465	2,398.00
55455	SDG&E	06-8542	711.06
55455	SDG&E	06-6328	42,531.48
55455	SDG&E	06-9397	4,350.18
55455	SDG&E	06-6101	299.07
55455	SDG&E	06-7013	25.00
55455	SDG&E	06-1521	1,003.28
55455	SDG&E	06-1493	656.28
55455	SDG&E	06-3149	21.50
55455	SDG&E	06-1521	9,170.54
55455	SDG&E	06-3230	8,319.44
55455	SDG&E	06-1482	4,855.23
55455	SDG&E	06-1952	3,322.47
55455	SDG&E	06-9083	11,103.33
55455	SDG&E	06-1493	11,874.41
55455	SDG&E	06-4744	39,304.77
55455	SDG&E	06-7508	1,951.79
55455	SDG&E	06-7489	1,497.00
55455	SDG&E	06-7490	1,281.04
55455	SDG&E	06-7506	861.88
55455	SDG&E	06-7171	501.95
55455	SDG&E	06-3459	12,626.55
55455	SDG&E	06-7147	1,386.04
55455	SDG&E	06-7491	4,025.65
55455	SDG&E	06-7170	1,636.55
55455	SDG&E	06-7013	3.65
55456	SUN GRAPHICS, INC	#9 Bill Insert Envelopes	209.07
55458	TRAVIS W. PARKER	Development of website	1,900.00
55459	USA BLUE BOOK	Endress Hauser Pressure Transmitter	1,316.06
55460	VALLEY CENTER WIRELESS	Wifi Services	139.90
55461	XEROX FINANCIAL SERVICES LLC	07/06/19-08/05/19 Lease Payment	222.94
55461	XEROX FINANCIAL SERVICES LLC	07/06/19-08/05/19 Lease Payment	222.95
55462	A-1 IRRIGATION, INC.	OPEN PO FOR NON INVENTORY SUPPLIES	66.16
55462	A-1 IRRIGATION, INC.	OPEN PO FOR NON INVENTORY SUPPLIES	40.00
55462	A-1 IRRIGATION, INC.	OPEN PO FOR NON INVENTORY SUPPLIES	23.53
55463	AL STEINBAUM'S JANITORIAL	FY 19/20 Janitorial Services	200.00
55464	BATTERY SYSTEMS INC	SC34DM Battery	206.21
55465	CALIF BANK & TRUST VISA	Board Meeting Sandwiches & Refreshment:	99.10
55465	CALIF BANK & TRUST VISA	GMail for Staff	114.00
55466	DIAMOND ENVIRONMENTAL SERV	Monthly Portalet Rental	189.71
55467	EMPLOYEE RELATIONS, INC.	New Field Staff Background Check	33.80
55468	FAIN DRILLING & PUMP, INC.	Well #24 Service Call	240.00
55469	FALLBROOK OIL COMPANY	Federal Tax Credit	-146.40
55469	FALLBROOK OIL COMPANY	Government Compliance Fee	7.00
55469	FALLBROOK OIL COMPANY	Unleaded Fuel	2,409.37
55469	FALLBROOK OIL COMPANY	State Excise Tax	72.00
55469	FALLBROOK OIL COMPANY	Clear Diesel Fuel	560.69
55470	GRAINGER	Replacement Air Filters-Lazy H	26.20
55470	GRAINGER	Replacement Air Filters Yuima	13.10
55470	GRAINGER	Replacement Air Filters IDA	39.31
55471	HACH COMPANY	Nitrax Sensor	1,150.00
55471	HACH COMPANY	SC200 Controller	249.00
55471	HACH COMPANY	Nitrax Sensor	1,150.00
55471	HACH COMPANY	SC200 Controller	249.00
55471	HACH COMPANY	Nitrax Sensor	1,150.00
55471	HACH COMPANY	SC200 Controller	249.00
55471	HACH COMPANY	Field Testing Supplies	49.47
55471	HACH COMPANY	Field Testing Supplies	100.44
55471	HACH COMPANY	2605345-Nitrate Reagent Set	190.41
55471	HACH COMPANY	2605345-Nitrate Reagent Set	386.60
55471	HACH COMPANY	Tubing Kit	702.30
55471	HACH COMPANY	Tubing Kit	1,425.88

55472	Hydrocurrent Well Services	Wiring & relays	134.69
55472	Hydrocurrent Well Services	Labor	340.00
55473	MCMMASTER-CARR SUPPLY CO	White Caulk 7587A3	51.05
55473	MCMMASTER-CARR SUPPLY CO	White Caulk 7587A3	51.06
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	15.72
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	17.73
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	22.61
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	25.50
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	56.76
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	64.00
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	17.60
55474	PRUDENTIAL OVERALL SUPPLY	FY 18/19 UNIFORM SERVICES	19.85
55475	SAN DIEGO COUNTY WATER	June 2019 Water Payment	616,894.55
55476	STRADLING, YOCCA, CARLSON & R	Yuima Legal Fees	14,232.50
55476	STRADLING, YOCCA, CARLSON & R	SGMA Legal Fees	2,330.50
55477	UNDERGROUND SERV. ALERT	August New Ticket Charges	5.78
55477	UNDERGROUND SERV. ALERT	CA State Fee for Regulatory Costs	22.43
55477	UNDERGROUND SERV. ALERT	Monthly Database Maintenance Fee	5.00
55477	UNDERGROUND SERV. ALERT	CA State Fee for Regulatory Costs	22.43
55477	UNDERGROUND SERV. ALERT	Monthly Database Maintenance Fee	5.00
55477	UNDERGROUND SERV. ALERT	August New Ticket Charges	5.77
55478	VERIZON WIRELESS	July SCADA Fees	69.48
55478	VERIZON WIRELESS	July SCADA Fees	69.47
55479	VALIC GA#24515	Valic Deferred Compensation	800.00
55480	Tony & Amy Zych	Water Deposit Refund	27.00
55481	AT&T	July SCADA Services	145.41
55482	CALIF BANK & TRUST VISA	A2Z Care Combo Cable Attachment Set	37.96
55482	CALIF BANK & TRUST VISA	LPG Muscle Tricep Rope Extreme	39.95
55482	CALIF BANK & TRUST VISA	CAP Barebell Lat Pull Machine Bar with 48"	32.33
55482	CALIF BANK & TRUST VISA	0701-RW Office Supplies	8.61
55482	CALIF BANK & TRUST VISA	0619- RW Office Supplies	34.74
55482	CALIF BANK & TRUST VISA	0706RW-Office Supplies	30.11
55482	CALIF BANK & TRUST VISA	0709-RW Office Supplies	19.80
55482	CALIF BANK & TRUST VISA	0619- RW Office Supplies	12.65
55482	CALIF BANK & TRUST VISA	0710RW- Office Supplies	63.06
55482	CALIF BANK & TRUST VISA	0627RW-Office Supplies	42.26
55482	CALIF BANK & TRUST VISA	0619RW-Goodbye Cake for Vivian	46.00
55482	CALIF BANK & TRUST VISA	0624-RW Office Supplies	0.99
55482	CALIF BANK & TRUST VISA	0705RW-EE Survey website	39.00
55482	CALIF BANK & TRUST VISA	0626RW-LogMeIn for GM PC	88.00
55482	CALIF BANK & TRUST VISA	0710-RW Mark Quinn Potable Water Class (-100.00
55482	CALIF BANK & TRUST VISA	0625RW-Mark Quinn Potable Water Class	295.00
55482	CALIF BANK & TRUST VISA	0617RW-Water Books	88.63
55482	CALIF BANK & TRUST VISA	0618RW-Water Books	88.63
55482	CALIF BANK & TRUST VISA	0618 - RW Water Books	100.01
55482	CALIF BANK & TRUST VISA	0711RW-Office Supplies	116.97
55482	CALIF BANK & TRUST VISA	0711-RW Office Supplies	5.38
55483	CARMEN RODRIGUEZ	July/August Mileage Reimbursement	41.18
55484	CARQUEST	OPEN PO FOR DISTRICT AUTO SUPPLIES	33.94
55485	DENISE M. LANDSTEDT	SGMA Consulting Services	-808.00
55485	DENISE M. LANDSTEDT	DACI Grant Consulting Services	-2,160.00
55485	DENISE M. LANDSTEDT	Rancho Corrido Annexation Consulting Serv	-560.00
55485	DENISE M. LANDSTEDT	SGMA Consulting Services	808.00
55485	DENISE M. LANDSTEDT	DACI Grant Consulting Services	2,160.00
55485	DENISE M. LANDSTEDT	Rancho Corrido Annexation Consulting Serv	560.00
55485	DENISE M. LANDSTEDT	SGMP Consulting Services	312.00
55485	DENISE M. LANDSTEDT	DACI Grant Consultation Services	1,072.00
55486	Dexter Wilson Engineering	Prepare plans & Specs for Forebay Pumpsta	11,975.00
55486	Dexter Wilson Engineering	Prepare plans & Specs for Forebay Pumpsta	34,650.00
55487	EDCO	FY 19/20 Trash Services	173.93
55488	FIRE ETC	Weather Meter-Kestrel 3000	1,041.40
55488	FIRE ETC	Calibration Kit	92.35
55489	Michael Reeh Construction	Shop Restroom Rehab for Health & Safety I.	1,000.00
55490	NETWORKFLEET, INC	FY 19/20 GPS Monitoring Services	52.00
55491	RICHARD WILLIAMSON	Reimbursement for Board lunch paid on pe	64.75
55492	ROBERT M. DAVIS	FY 19/20 Boot Reimbursement	194.96
55493	Stanley Steemer	Office Carpet Cleaning	379.20
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	1,201.50

55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	17.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	12.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	12.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	1,051.00
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	12.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Lyall	87.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Lyall	70.00
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Yuima	12.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	12.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	17.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Yuima	52.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	22.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	22.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Yuima	22.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	45.00
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	45.00
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	66.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	17.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	17.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	395.50
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-IDA	971.83
55494	TEST AMERICA LABORATORIES	FY 19/20 Water Testing-Yuima	17.50
55496	WATERLINE TECHNOLOGIES	FY 19/20 Station 1 Ammonia	249.00
55496	WATERLINE TECHNOLOGIES	50 GAL Drum Out	50.00
55496	WATERLINE TECHNOLOGIES	50 GAL Drum In	-50.00
55496	WATERLINE TECHNOLOGIES	50 GAL Drum Ammonia Out	100.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 Ammonia Eastside	498.00
55496	WATERLINE TECHNOLOGIES	50 GAL drum Ammonia In	-50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Station #1	242.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Eastside	121.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Well #23	36.30
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Well #24	24.20
55496	WATERLINE TECHNOLOGIES	50GAL Out	50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 Ammonia Station #1	249.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Station #1	484.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Station #1	242.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Eastside	393.25
55496	WATERLINE TECHNOLOGIES	50 GAL Drum In	-100.00
55496	WATERLINE TECHNOLOGIES	50GAL Drum Out	50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 Ammonia Eastside	249.00
55496	WATERLINE TECHNOLOGIES	50GAL Drum Out	50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 Ammonia Station #1	249.00
55496	WATERLINE TECHNOLOGIES	50GAL Drum In	-50.00
55496	WATERLINE TECHNOLOGIES	50GAL Drum Out	50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 Ammonia Station #1	249.00
55496	WATERLINE TECHNOLOGIES	50GAL Drum In	-50.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Station #1	242.00
55496	WATERLINE TECHNOLOGIES	FY 19/20 CL2 Eastside	242.00
55498	ACWA JPIA	Dental Insurance	319.51
55498	ACWA JPIA	Director Dental Insurance	69.61
55498	ACWA JPIA	Director Vision	23.66
55498	ACWA JPIA	GTL Admin	4.70
55498	ACWA JPIA	GTL	295.42
55498	ACWA JPIA	Health Benefits	5,794.90
55498	ACWA JPIA	Vision	98.28
55498	ACWA JPIA	Sept Ins Recon	5,011.40
55498	ACWA JPIA	Sept Ins Recon	-226.75
55498	ACWA JPIA	Sept Ins Recon	5,134.68
55498	ACWA JPIA	Sept Ins Recon	57.38
55499	ABIGAIL CHAMPACO	Mileage to Cucamonga Water District	63.22
55500	AFLAC	AFLAC-Cancer Coverage Insurance	52.56
55500	AFLAC	AFLAC-Life Insurance Coverage	75.32
55500	AFLAC	AFLAC-Accident Coverage Insurance	67.32
55500	AFLAC	AFLAC-Hospital Coverage	26.22
55500	AFLAC	AFLAC-Critical Care Coverage	48.06
55500	AFLAC	AFLAC-Cancer Coverage Insurance	52.56
55500	AFLAC	AFLAC-Life Insurance Coverage	75.32
55500	AFLAC	AFLAC-Accident Coverage Insurance	67.32

55500	AFLAC	AFLAC-Hospital Coverage	26.22
55500	AFLAC	AFLAC-Critical Care Coverage	48.06
55501	ASBURY ENVIRONMENTAL SVC	Diesel Stained Dirt Removal	205.19
55502	AT & T MOBILITY	FY 19/20 SCADA Access	24.41
55502	AT & T MOBILITY	FY 19/20 SCADA Access	24.40
55503	CONTROLLED ENVIRONMENTS LLC	FY 19/20 Weed Abatement	331.50
55503	CONTROLLED ENVIRONMENTS LLC	FY 19/20 Weed Abatement	331.50
55504	Erik Industries	Fix conference room phone line	166.25
55505	FAIN DRILLING & PUMP, INC.	Well 18 VFD Fan replacement	488.91
55505	FAIN DRILLING & PUMP, INC.	Labor to install and remove	240.00
55505	FAIN DRILLING & PUMP, INC.	Well 12 Fan	488.92
55505	FAIN DRILLING & PUMP, INC.	Labor to Install	240.00
55506	NEWARK ELEMENT 14	Meanwell SD25A-24	195.18
55507	NORTHERN SAFETY, INC.	Hyflex Lite Gloves-Medium	28.02
55507	NORTHERN SAFETY, INC.	Shipping	16.70
55507	NORTHERN SAFETY, INC.	Hyflex Lite Gloves-Large	11.21
55507	NORTHERN SAFETY, INC.	32071-XL Hi-Vis Class 3 Vest	22.51
55507	NORTHERN SAFETY, INC.	26105-Glove Cover	21.14
55507	NORTHERN SAFETY, INC.	102190-XL Frame Resistant Shirt	49.97
55507	NORTHERN SAFETY, INC.	26107-Glove Case	55.01
55507	NORTHERN SAFETY, INC.	93005-Hard Hat	17.39
55507	NORTHERN SAFETY, INC.	11308-Leather Drivers Gloves	16.14
55508	OFFICE DEPOT	Post it Flags	18.26
55508	OFFICE DEPOT	Medium Binder Clip	12.79
55508	OFFICE DEPOT	X-9 Copy Paper	64.13
55508	OFFICE DEPOT	Initial Here Flags	6.21
55508	OFFICE DEPOT	Large Binder Clip	12.10
55508	OFFICE DEPOT	Packing Tape	5.85
55508	OFFICE DEPOT	Pressboard Folders	46.63
55508	OFFICE DEPOT	Manila Folders	13.78
55509	R & G REDDING CONSTRUCTION	Rancho Estates Service Line Replacement	1,080.00
55510	SDG&E	07-8542	766.19
55510	SDG&E	07-6328	57,043.37
55510	SDG&E	07-9397	4,079.32
55510	SDG&E	07-6101	316.82
55510	SDG&E	07-7013	25.00
55510	SDG&E	07-1521	1,003.28
55510	SDG&E	07-1493	656.28
55510	SDG&E	07-3149	28.89
55510	SDG&E	07-1493	11,280.84
55510	SDG&E	07-1521	8,378.96
55510	SDG&E	07-3230	7,501.65
55510	SDG&E	07-9083	16,780.34
55510	SDG&E	07-1482	4,990.07
55510	SDG&E	07-1952	4,739.54
55510	SDG&E	07-4744	38,805.41
55510	SDG&E	07-7491	3,426.58
55510	SDG&E	07-7171	514.77
55510	SDG&E	07-7508	1,939.94
55510	SDG&E	07-7170	1,560.39
55510	SDG&E	07-7490	1,281.51
55510	SDG&E	07-3459	11,705.90
55510	SDG&E	07-7506	854.95
55510	SDG&E	07-7489	1,524.45
55510	SDG&E	07-7147	1,479.85
55510	SDG&E	07-7013	6.35
55511	TEAM TALK NETWORKS	FY 19/20 Radio Services	61.20
55512	TKE Engineering, Inc	Forebay Engineering Services	9,000.00
55513	TRAN CONTROLS SCADA SOLUTIONS	SCADA Upgrade	15,787.50
55514	USA BLUE BOOK	IDA Surge Protector-SCADA	71.00
55515	VALLEY CENTER WIRELESS	FY 18/19 WIFI SERVICES	331.36
55516	VALVE AUTOMATION & CONTROL	155 Chesterton Repair Kit 1.5" Shaft	1,494.23
55517	XEROX FINANCIAL SERVICES LLC	FY 19/20 Xerox Machine Rental	209.57
55517	XEROX FINANCIAL SERVICES LLC	FY 19/20 Xerox Machine Rental	236.32
55518	VALIC GA#24515	Valic Deferred Comp	800.00
55519	Allstate Security Services, Inc	July 15- July 21 2019	6,720.00
55519	Allstate Security Services, Inc	July 22 - July 28 2019	6,720.00
55520	CALIF BANK & TRUST VISA	IO Gear USB 2.0 Switch for shop printer	25.99

55520	CALIF BANK & TRUST VISA	Sled Harness	84.05
55520	CALIF BANK & TRUST VISA	Select Bar Holder Size 6	95.90
55520	CALIF BANK & TRUST VISA	Shipping	238.27
55520	CALIF BANK & TRUST VISA	Weight Sled 2 Prong	701.06
55520	CALIF BANK & TRUST VISA	Vertical Bumper Plate	307.09
55520	CALIF BANK & TRUST VISA	Beige Metal Stackable Folding Chairs	274.12
55520	CALIF BANK & TRUST VISA	National Public Seating 96 inches	816.83
55520	CALIF BANK & TRUST VISA	8.5" Plates	20.20
55520	CALIF BANK & TRUST VISA	6 7/8" Plates	16.11
55520	CALIF BANK & TRUST VISA	Tissue Paper	15.57
55520	CALIF BANK & TRUST VISA	12 oz Bowls	12.34
55520	CALIF BANK & TRUST VISA	Febreze	13.31
55520	CALIF BANK & TRUST VISA	Toilet Paper	26.01
55520	CALIF BANK & TRUST VISA	Dish Soap	10.18
55520	CALIF BANK & TRUST VISA	Hand Soap	6.98
55520	CALIF BANK & TRUST VISA	Plastic Knives	14.49
55520	CALIF BANK & TRUST VISA	Yeti 20oz Tumbler with Personalization	759.80
55520	CALIF BANK & TRUST VISA	0728-RW Office Supplies	7.80
55520	CALIF BANK & TRUST VISA	0724-RW Office Supplies	0.99
55520	CALIF BANK & TRUST VISA	0805-RW EE Survey Website	39.00
55520	CALIF BANK & TRUST VISA	0719-RW Office Supplies	57.35
55520	CALIF BANK & TRUST VISA	0813-RW ENR Renewal	45.00
55520	CALIF BANK & TRUST VISA	0815-RW Office Supplies	58.70
55520	CALIF BANK & TRUST VISA	0718RW Office Supplies	64.65
55520	CALIF BANK & TRUST VISA	0725-RW Office Supplies	73.86
55520	CALIF BANK & TRUST VISA	0726-RW Office Supplies	76.99
55520	CALIF BANK & TRUST VISA	0731-RW Office Supply Return Credit	-36.62
55520	CALIF BANK & TRUST VISA	0725RW-Office Supplies	84.05
55520	CALIF BANK & TRUST VISA	0807-RW Office Supplies	11.79
55520	CALIF BANK & TRUST VISA	0726-RW Office Supplies	29.05
55520	CALIF BANK & TRUST VISA	0720-RW Office Supplies	20.46
55520	CALIF BANK & TRUST VISA	0718-RW Breakfast with Watson	27.00
55520	CALIF BANK & TRUST VISA	0726RW-GM Home Office Login	88.00
55520	CALIF BANK & TRUST VISA	0801-RW Welcome lunch for new EE	57.50
55520	CALIF BANK & TRUST VISA	0817-RW Finance Charge	57.45
55520	CALIF BANK & TRUST VISA	0806-RW HR Seminar-Abby	35.00
55520	CALIF BANK & TRUST VISA	0802-AR Monthly Email	114.00
55520	CALIF BANK & TRUST VISA	0727-AR Annual Webhosting Fee	167.88
55520	CALIF BANK & TRUST VISA	0813-AR Staff Meeting	124.04
55521	CalPERS Financial Reporting &	Annual PERS Valuation	700.00
DFT0000370	CALIF BANK & TRUST VISA	Net Payroll PPE 8/9/19	28,593.44
DFT0000371	CALPERS -FISCAL SERVICES DIV.	PEPRA Member Contributions	420.43
DFT0000372	CALPERS -FISCAL SERVICES DIV.	PEPRA Employer Contribution	435.08
DFT0000373	CALPERS -FISCAL SERVICES DIV.	PERS Classic Member Contribution	2,259.50
DFT0000374	CALPERS -FISCAL SERVICES DIV.	PERS Employer Classic Member Contributio	4,066.54
DFT0000375	CALPERS 457 PLAN	SIP 457 Director Def Comp ER	37.50
DFT0000376	CALPERS -FISCAL SERVICES DIV.	1959 Survivor Benefit	9.70
DFT0000377	Employment Development Depart	State Withholding	1,504.74
DFT0000378	Employment Development Depart	SDI Withholding	310.42
DFT0000379	EFTPS - Federal Payroll Tax	Federal Withholding	3,243.63
DFT0000379	EFTPS - Federal Payroll Tax	Medicare Withholding	1,118.70
DFT0000390	CALIF BANK & TRUST VISA	Net Payroll PPE 8/23/19	28,705.25
DFT0000391	CALPERS -FISCAL SERVICES DIV.	PEPRA Employee Contribution	564.02
DFT0000392	CALPERS -FISCAL SERVICES DIV.	PEPRA Employer Contribution	583.66
DFT0000393	CALPERS -FISCAL SERVICES DIV.	PERS Classic Member Contribution	2,310.19
DFT0000394	CALPERS -FISCAL SERVICES DIV.	PERS Employer Classic Member Contributio	4,157.76
DFT0000395	CALPERS -FISCAL SERVICES DIV.	1959 Survivor Benefit	10.67
DFT0000396	EFTPS - Federal Payroll Tax	Federal Income Tax Withholding	3,293.22
DFT0000397	Employment Development Depart	State Income Tax Withholding	1,437.20
DFT0000398	Employment Development Depart	State Disability Insurance	324.52
DFT0000401	EFTPS - Federal Payroll Tax	Medicare	1,130.20
DFT0000403	CALPERS (CERBT)	FY 19/20 1959 Survivor Billing ER Contributi	282.00
DFT0000403	CALPERS (CERBT)	FY 19/20 1959 Survivor Billing ER Contributi	423.00

Grand Total: 1,273,854.25



Pooled Cash Report

Yuima Municipal Water District

For the Period Ending 8/31/2019

ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
CLAIM ON CASH					
01-1001-000	Claim on Cash - General Fund	2,680,044.06	(461,301.29)	2,218,742.77	
02-1001-000	Claim on Cash - IDA	2,131,716.48	309,631.67	2,441,348.15	
06-1001-000	Claim on Cash - Fire Mitigation	954.00	2.35	956.35	
07-1001-000	Claim on Cash - Fire Protection	218,847.23	(21,744.11)	197,103.12	
10-1001-000	Claim on Cash - Yuima General Dist	919,776.71	(5,928.67)	913,848.04	
20-1001-000	Claim on Cash - Improvement District Capital	(303,919.17)	(71.00)	(303,990.17)	
TOTAL CLAIM ON CASH		<u>5,647,419.31</u>	<u>(179,411.05)</u>	<u>5,468,008.26</u>	
CASH IN BANK					
Cash in Bank					
99-1000-000	Petty Cash	500.00	0.00	500.00	
99-1000-010	General Checking	356,536.39	(42,568.03)	313,968.36	
99-1100-015	General Savings	10,045.20	0.66	10,045.86	
99-1100-016	Fire Savings	31,790.55	2.35	31,792.90	
99-1100-017	Official Pay Account	1,290.07	429.89	1,719.96	
99-1200-020	LAIF State Treasury	3,492,905.50	(142,000.00)	3,350,905.50	
99-1300-030	UBS Money Market	1,503.76	(1,503.34)	0.42	
99-1300-035	Higgins Capital Management	15.42	2,975.34	2,990.76	
99-1400-041	Sallie Mae - 795450L37	250,592.50	62.50	250,655.00	
99-1400-046	Comenity Bank - 981996BZ3	199,292.00	48.00	199,340.00	
99-1400-049	Goldman Sachs - 38148PCK1	99,539.00	436.00	99,975.00	
99-1400-050	BMW Bank - 05580ALS1	252,217.50	912.50	253,130.00	
99-1400-051	State Bank of India - 856285JY8	100,195.00	150.00	100,345.00	
99-1400-053	Citi Bank - CUSIP17312QH51	250,857.50	120.00	250,977.50	
99-1400-054	State Bank of India - 856285NT4	100,084.00	150.00	100,234.00	
99-1400-055	UBS Bank UT - 90348JX9	100,397.00	430.00	100,827.00	
99-1450-056	Goldman Sachs Bank NY US	0.00	100,113.00	100,113.00	
99-1450-064	U.S. Treasury Note 912828J84	199,024.00	382.00	199,406.00	
99-1450-065	U.S. Treasury Note 912796SD2	100,669.92	412.08	101,082.00	
TOTAL: Cash in Bank		<u>5,647,419.31</u>	<u>(179,411.05)</u>	<u>5,468,008.26</u>	
TOTAL CASH IN BANK		<u>5,647,419.31</u>	<u>(179,411.05)</u>	<u>5,468,008.26</u>	
DUE TO OTHER FUNDS					
99-2601-000	Due to Other Funds	5,647,419.31	(179,411.05)	5,468,008.26	
TOTAL DUE TO OTHER FUNDS		<u>5,647,419.31</u>	<u>(179,411.05)</u>	<u>5,468,008.26</u>	
Claim on Cash	5,468,008.26	Claim on Cash	5,468,008.26	Cash in Bank	5,468,008.26
Cash in Bank	<u>5,468,008.26</u>	Due To Other Funds	<u>5,468,008.26</u>	Due To Other Funds	<u>5,468,008.26</u>
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

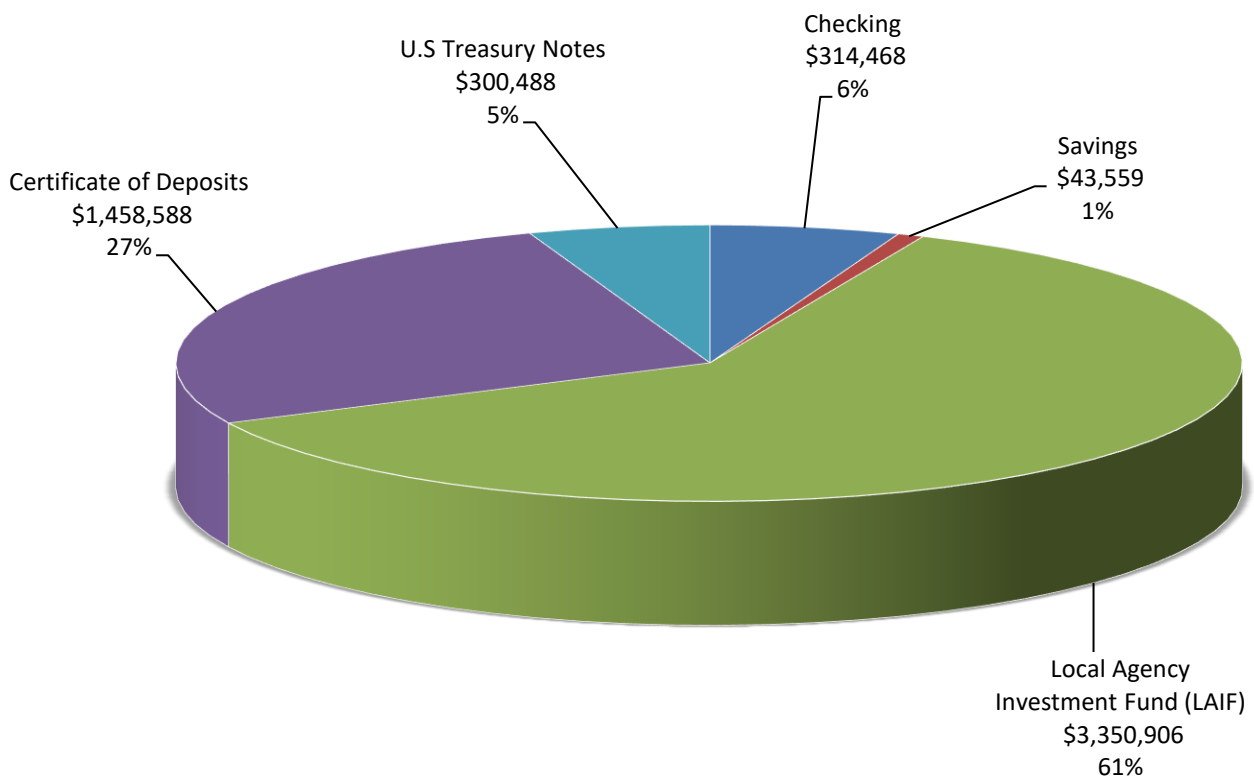
ACCOUNT #	ACCOUNT NAME	BEGINNING BALANCE	CURRENT ACTIVITY	CURRENT BALANCE	
ACCOUNTS PAYABLE PENDING					
01-2555-000	AP Pending - General District	20,440.14	(13,927.33)	6,512.81	
TOTAL ACCOUNTS PAYABLE PENDING		<u>20,440.14</u>	<u>(13,927.33)</u>	<u>6,512.81</u>	
DUE FROM OTHER FUNDS					
99-1501-000	Due From General District	(20,440.14)	13,927.33	(6,512.81)	
TOTAL DUE FROM OTHER FUNDS		<u>(20,440.14)</u>	<u>13,927.33</u>	<u>(6,512.81)</u>	
ACCOUNTS PAYABLE					
99-2555-000	Accounts Payable	20,440.14	(13,927.33)	6,512.81	
TOTAL ACCOUNTS PAYABLE		<u>20,440.14</u>	<u>(13,927.33)</u>	<u>6,512.81</u>	
AP Pending	6,512.81	AP Pending	6,512.81	Due From Other Funds	6,512.81
Due From Other Funds	<u>6,512.81</u>	Accounts Payable	<u>6,512.81</u>	Accounts Payable	<u>6,512.81</u>
Difference	<u>0.00</u>	Difference	<u>0.00</u>	Difference	<u>0.00</u>

Yuima Municipal Water District

Cash and Investments

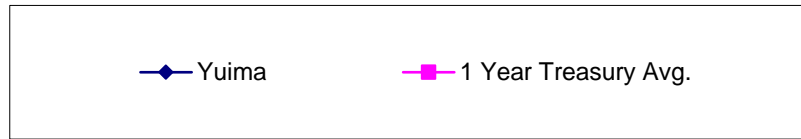
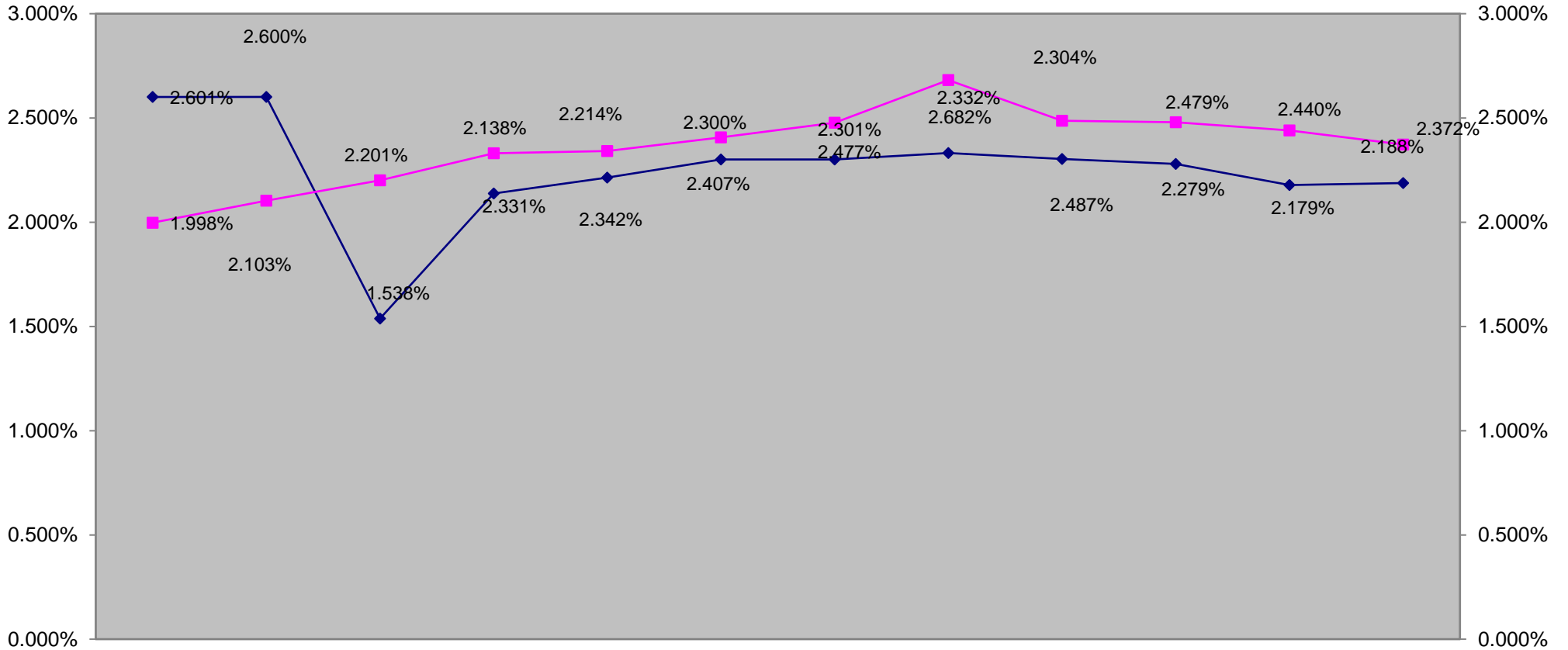
August 30, 2019

\$5,468,008.26



Aggregate Yuima Portfolio Yield

August 2018- August 2019





State of California

Pooled Money Investment Account

Market Valuation

8/31/2019

Description	Carrying Cost Plus Accrued Interest Purch.	Fair Value	Accrued Interest
United States Treasury:			
Bills	\$ 20,153,936,719.75	\$ 20,368,920,500.00	NA
Notes	\$ 27,608,393,421.47	\$ 27,762,310,000.00	\$ 109,710,896.50
Federal Agency:			
SBA	\$ 630,099,855.38	\$ 628,200,553.33	\$ 1,449,498.45
MBS-REMICs	\$ 20,748,102.99	\$ 21,432,096.41	\$ 96,913.77
Debentures	\$ 2,444,114,627.41	\$ 2,460,212,950.00	\$ 14,170,862.00
Debentures FR	\$ -	\$ -	\$ -
Debentures CL	\$ 300,000,000.00	\$ 301,084,000.00	\$ 1,816,292.00
Discount Notes	\$ 13,818,967,513.96	\$ 13,902,786,500.00	NA
Supranational Debentures	\$ 538,905,703.78	\$ 544,289,200.00	\$ 4,767,586.00
Supranational Debentures FR	\$ 200,251,812.61	\$ 200,371,065.53	\$ 721,657.61
CDs and YCDs FR	\$ 400,000,000.00	\$ 400,000,000.00	\$ 2,159,404.39
Bank Notes	\$ 450,000,000.00	\$ 450,057,415.90	\$ 2,894,124.99
CDs and YCDs	\$ 16,275,000,000.00	\$ 16,282,120,009.35	\$ 116,228,708.37
Commercial Paper	\$ 6,293,357,930.56	\$ 6,325,915,805.53	NA
Corporate:			
Bonds FR	\$ -	\$ -	\$ -
Bonds	\$ -	\$ -	\$ -
Repurchase Agreements	\$ -	\$ -	\$ -
Reverse Repurchase	\$ -	\$ -	\$ -
Time Deposits	\$ 4,869,740,000.00	\$ 4,869,740,000.00	NA
AB 55 & GF Loans	\$ 780,748,000.00	\$ 780,748,000.00	NA
TOTAL	\$ 94,784,263,687.91	\$ 95,298,188,096.05	\$ 254,015,944.08

Fair Value Including Accrued Interest \$ 95,552,204,040.13

Repurchase Agreements, Time Deposits, AB 55 & General Fund loans, and Reverse Repurchase agreements are carried at portfolio book value (carrying cost).



CALIFORNIA STATE TREASURER FIONA MA, CPA



PMIA Performance Report

Date	Daily Yield*	Quarter to Date Yield	Average Maturity (in days)
08/12/19	2.35	2.37	180
08/13/19	2.35	2.37	180
08/14/19	2.35	2.37	179
08/15/19	2.35	2.37	183
08/16/19	2.35	2.37	183
08/17/19	2.35	2.37	183
08/18/19	2.35	2.37	183
08/19/19	2.35	2.37	181
08/20/19	2.34	2.37	179
08/21/19	2.34	2.37	179
08/22/19	2.33	2.37	179
08/23/19	2.33	2.37	178
08/24/19	2.33	2.37	178
08/25/19	2.33	2.36	178
08/26/19	2.33	2.36	175
08/27/19	2.33	2.36	176
08/28/19	2.33	2.36	175
08/29/19	2.32	2.36	175
08/30/19	2.32	2.36	180
08/31/19	2.32	2.36	180
09/01/19	2.32	2.36	180
09/02/19	2.32	2.36	180
09/03/19	2.31	2.36	179
09/04/19	2.31	2.36	178
09/05/19	2.31	2.36	178
09/06/19	2.30	2.36	179
09/07/19	2.30	2.36	179
09/08/19	2.30	2.36	179
09/09/19	2.31	2.35	177
09/10/19	2.30	2.35	176
09/11/19	2.30	2.35	176

*Daily yield does not reflect capital gains or losses

[View Prior Month Daily Rates](#)

LAIF Performance Report

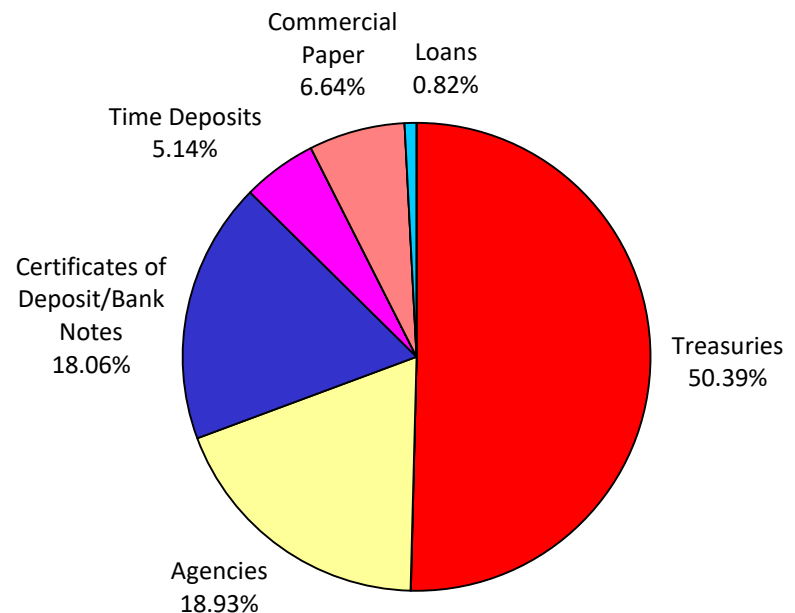
Quarter Ending 06/30/19

Apportionment Rate: 2.57
 Earnings Ratio: .00007028813234525
 Fair Value Factor: 1.001711790
 Daily: 2.39%
 Quarter to Date: 2.44%
 Average Life: 173

PMIA Average Monthly Effective Yields

Aug 2019 2.341
 July 2019 2.379
 June 2019 2.428

Pooled Money Investment Account Portfolio Composition 08/31/19 \$94.8 billion



Percentages may not total 100% due to rounding

Notes: The apportionment rate includes interest earned on the CalPERS Supplemental Pension Payment pursuant to Government Code 20825 (c)(1)

Based on data available as of 09/11/2019

III.
ACTION & DISCUSSION



September 10, 2019

Mr. Richard Williamson
YUIMA MUNICIPAL WATER DISTRICT
34928 Valley Center Road
Pauma Valley, CA 92061-0177

Subject: Proposal to Provide Engineering Design and Bidding Assistance of The Rincon Road Pipeline Project

Dear Mr. Williamson:

Thank you for the opportunity to submit a proposal to provide professional design engineering services to Yuima Municipal Water District (YMWD) for design services and bidding assistance of the Rincon Road Pipeline Project. Enclosed herein is a comprehensive proposal depicting TKE Engineering, Inc. (TKE's) scope of services and fee to provide engineering design services and bidding assistance for the subject project.

Yuima Municipal Water District (YMWD) Scope of Services

1. Records Research

We will thoroughly research existing utility records and acquire copies of all available records. The purpose of the records research is to assemble survey records to establish locations of street centerlines and street rights-of-way and determine locations of all existing utilities and improvements.

The research will consist of assembling copies of assessors' maps, tract maps, parcel maps, monument ties, benchmark data, corner records, street improvement plans, and utility drawings. We will notify Underground Service Alert to acquire a complete list of underground utility purveyors. The utility drawings will include existing drawings from YMWD, and drawings and/or atlas maps from all private utility companies, and/or agencies. We will send letters to utility companies and agencies requesting their data. We will maintain copies of the letters for future reference.

2. Design Surveying

We propose to use conventional surveying to prepare the base construction drawings. Our field survey crew will locate existing street centerline monuments utilizing survey control data. The crew will measure the horizontal angle, horizontal distance, and vertical elevation difference between each survey monument. We will complete a traverse for each survey to ensure closure. Elevations will be tied to existing County benchmarks. In addition, we will prepare a topographic survey of the previously installed water main so that we can prepare an as-built plan for future reference. We will collect appropriate detail as required including trees, edge of pavement, driveways, berms, gutters, cross gutters, drainage improvements, fire hydrants, water valves, manholes, water meters, signs, street lights, power poles, and all other visible features.

3. Base Construction Drawings

We will prepare the base construction drawings on 24" by 36" sheets with YMWD's standard title block using AutoCAD 2019 software at a drawing scale of 1"=40'. The base construction drawings will include a plan view based on the survey data collected. We will add the sheet north arrow, graphic scale, existing improvements and utilities (based on both assembled records and field data), property lines, public and private right-of-way, street centerline, street names, and survey data to the plan view portion of the drawings.

4. 60% Design

TKE will prepare drawings including a title sheet; construction notes sheets, plan/profile sheets, detail sheets and traffic control sheets.

The title sheet shall include the title of the job, a vicinity map showing the project vicinity in relationship to surrounding communities, a location map showing the project limits, a list of abbreviations used, benchmark data, general notes, construction quantities, an index for the drawings, and references.

The construction notes will include requirements for notifications, existing utility protection and relocation, pipeline materials, excavation, shoring, bedding, backfilling, compaction, improvement restoration, testing, disinfection, construction sequencing and existing waterline abandonment requirements, if any.

The plan view will show digital topographic data, existing improvements and utilities, centerline control, proposed pipeline, and pipeline appurtenances (*connections, air valves, main line valves, and blow offs*). The profile (at a drawing scale of 1"=40' horizontal and 1"=4' vertical) will show existing ground surface over the proposed pipeline, pipeline flow line, top of pipe, utility crossings, slopes, length of pipe, pipeline appurtenances, joint restraint requirements, and special bedding requirements.

The construction details will include connections, appurtenance details, and abandonment details, all at appropriate drawing scales.

The specifications shall be prepared in accordance with YMWD standards and will be prepared in Microsoft Word format.

In addition, we will prepare a project construction cost estimates. We will use the bidding schedules to prepare the estimates. The bidding schedules will include all material and construction requirements as shown on the drawings.

5. Design Review Meeting

After 60% design is complete, we will forward 2 copies of the drawings to YMWD for review. After YMWD has completed its review, we will meet with YMWD staff to acquire Staff's comments.

6. 90% Design

We will incorporate YMWD's 60% comments and provide YMWD revised drawings. After 90% design is complete, we will forward 2 copies of the drawings to YMWD for review.

In addition, we will update the project specifications and cost estimates and provide them for YMWD's review.

7. Design Review Meeting

After the 90% design documents are complete, we will forward the documents together with the updated construction cost estimates to YMWD staff for review and comment. We will meet with staff after their reviews are completed to obtain comments.

8. Final Contract Documents

After receiving final YMWD comments on the drawings and specifications, TKE will provide YMWD with hard (Mylar drawings and specifications) and digital copies of the drawings and specifications for final approval. In addition, we will prepare a final construction cost estimates.

9. Bidding Assistance

TKE will provide project pre-award services as needed including but not limited to reproduction of bid documents, distribution of bid documents and advertisement, response to RFI's during bid period, preparation of addenda as required, review of bid proposals, verification of contractor's qualifications and experience, review of State license status, preparation of board agenda reports, and preparation of notice of award to the contractor.

Project Schedule

TKE will perform the design services in accordance with the attached project schedule. TKE is committed to providing the services in accordance with the desired schedule by YMWD and will modify the proposed schedule as required to complete the services accordingly.

TKE Project Fees

Our budgets to provide the services described is as follows:

<u>Description</u>	<u>Amount</u>
YMWD Scope of Services	
1. Records Research	\$ 1,500
2. Design Surveying	\$ 5,520
3. Base Construction Drawings	\$ 4,640
4. 60% Design	\$13,500
5. Design Review Meeting	\$ 560
6. 90% Design	\$ 8,700
7. Design Review Meeting	\$ 560
8. Final Contract Documents	\$ 3,200
9. <u>Bidding Assistance</u>	\$ 8,520
Design SubTotal:	\$ 46,700
Reimbursables (10%):	\$ 4,670
Rounded Design Total:	\$ 51,370

Again, thank you for the opportunity to submit our proposal to provide professional engineering services. If you have any questions, please contact me at (951) 680-0440.

Sincerely,

Accepted By:



Terry Renner, P.E., Q.S.D.
Vice President
TKE ENGINEERING, INC.

Richard Williamson, General Manager
Yuima Municipal Water District

Date

Attachments:
Fee Breakdown Table
Rate Schedule
Project Schedule

Yuima Municipal Water District
Engineering Design and Bidding Assistance Services for the Rincon Road Pipeline Project
Consulting Fee

Task No.	Task	Principal In-Charge		Project Manager		Project Engineer		Assistant Engineer/Designer		Clerical		Survey Crew		Sub-Consultants ²⁾	Total
		Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	Hours	\$	\$	\$
YMWD Scope of Services															
1	Records Research		\$ -	2	\$ 300		\$ -		\$ -	16	\$ 1,200		\$ -		\$ 1,500
2	Design Survey		\$ -		\$ -		\$ -		\$ -		\$ -	24	\$ 5,520		\$ 5,520
3	Base Construction Drawings		\$ -		\$ -	4	\$ 560	34	\$ 4,080		\$ -		\$ -		\$ 4,640
4	60% Design	2	\$ 320	6	\$ 900	20	\$ 2,800	64	\$ 7,680	24	\$ 1,800		\$ -		\$ 13,500
5	Design Review Meeting		\$ -		\$ -	4	\$ 560		\$ -		\$ -		\$ -		\$ 560
6	90% Design		\$ -	4	\$ 600	15	\$ 2,100	40	\$ 4,800	16	\$ 1,200		\$ -		\$ 8,700
7	Design Review Meeting		\$ -		\$ -	4	\$ 560		\$ -		\$ -		\$ -		\$ 560
8	Final Contract Documents	2	\$ 320	2	\$ 300	3	\$ 420	13	\$ 1,560	8	\$ 600		\$ -		\$ 3,200
9	Bid Assistance	1	\$ 160	4	\$ 600	28	\$ 3,920	7	\$ 840	40	\$ 3,000		\$ -		\$ 8,520
	Subtotal:	5	\$ 800	18	\$ 2,700	78	\$ 10,920	158	\$ 18,960	104	\$ 7,800	24	\$ 5,520	\$ -	\$ 46,700
														Reimbursables(@10%)¹⁾:	\$ 4,670
														Total:	\$ 51,370

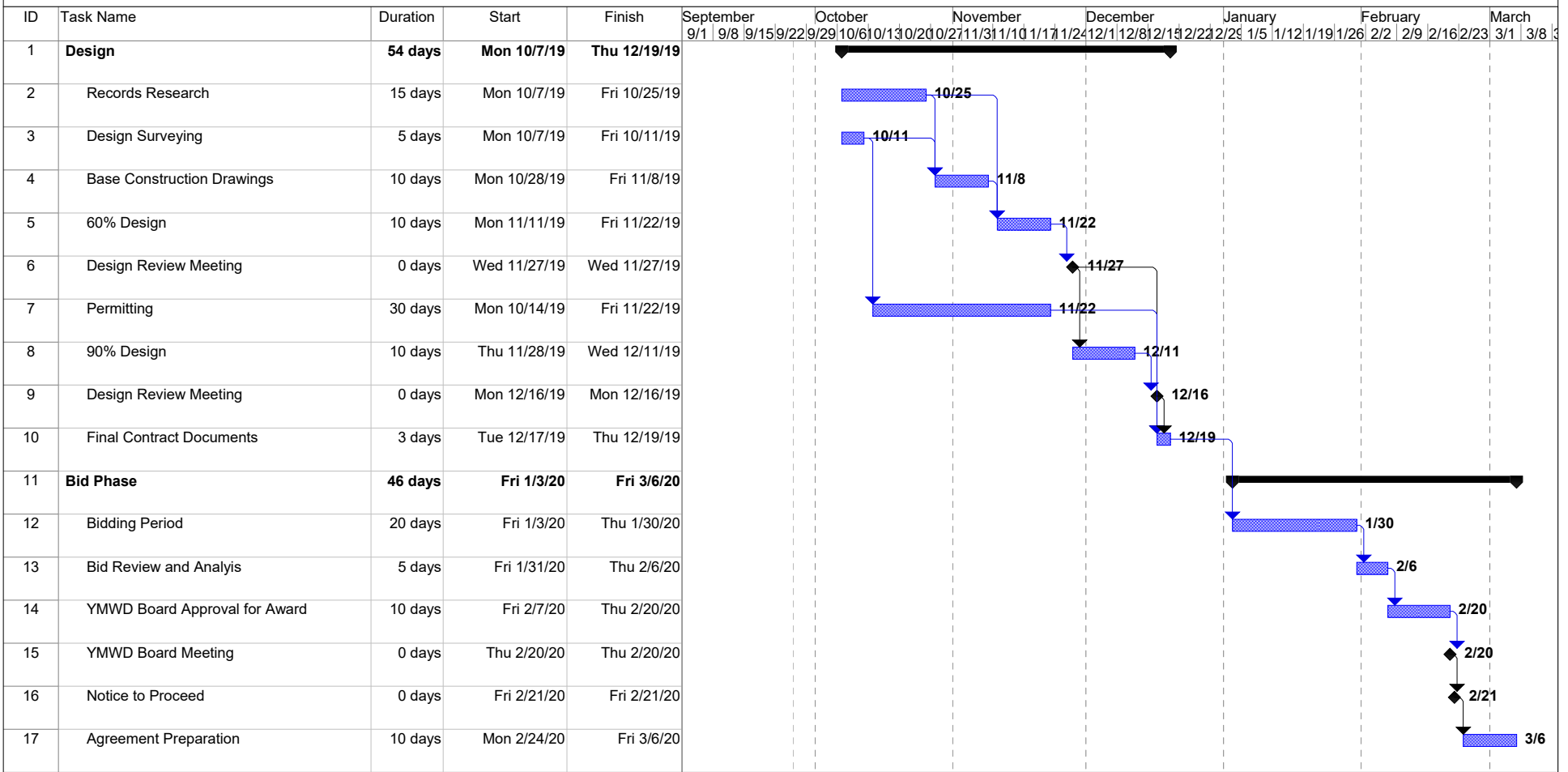
Rates:

Principal In-Charge	\$ 160 /HR
Project Manager	\$ 150 /HR
Project Engineer	\$ 140 /HR
Assistant Engineer/Designer	\$ 120 /HR
Clerical	\$ 75 /HR
2-Man Survey Crew	\$ 230 /HR

Notes:
1.) Reimbursables Include Cost for Reproduction, Prints, Copies, Mileage, Etc.

TKE Engineering, Inc.

Yuima Municipal Water District
Engineering Design and Bidding Assistance Services for the Rincon Road Pipeline and Community Services District (CSD) Paving Project
Project Schedule



Task		Inactive Milestone		Finish-only	
Split		Inactive Summary		External Tasks	
Milestone		Manual Task		External Milestone	
Summary		Duration-only		Progress	
Project Summary		Manual Summary Rollup		Deadline	
External Tasks		Manual Summary			
External Milestone		Start-only			

RESOLUTION NO. _____

**RESOLUTION OF THE BOARD OF DIRECTORS
OF YUIMA MUNICIPAL WATER DISTRICT
AUTHORIZING AGREEMENT FOR EMERGENCY AND
SUPPORT SERVICES FOR THE
RANCHO ESTATES MUTUAL WATER COMPANY
AND RESCINDING RESOLUTION NO. 1826-19**

WHEREAS, the Rancho Estates Mutual Water Company has requested emergency and support services for their mutual water company; and

WHEREAS, by prior resolution this district has entered into an agreement to provide emergency support services for their mutual water company; and

WHEREAS, the Rancho Estates Mutual Water Company is a cooperative mutual corporation formed for the purpose of delivering water to its shareholders. The Rancho Estates Mutual Water Company's service areas is within the boundaries of YUIMA and its territory is included within the San Diego County Water Authority and the Metropolitan Water District of Southern California; and

WHEREAS, Yuima agrees, in the event of an emergency or other rare and unusual adverse event or circumstance outside the scope of normal operations, to the extent that Yuima's resources are available in the sole discretion of Yuima's General Manager, to provide assistance to the Rancho Estates Mutual Water Company; and

WHEREAS, it is agreed that nothing in the Agreement shall obligate YUIMA to provide any of the services or materials.

THEREFORE, BE IT RESOLVED, that the Agreement for Emergency and Support Services dated October 1, 2019 between YUIMA MUNICIPAL WATER DISTRICT and RANCHO ESTATES MUTUAL WATER COMPANY, a copy of which is attached hereto, is hereby approved and the President of the District, is hereby authorized and directed to execute said Agreement for and on behalf of this District.

PASSED AND ADOPTED at the regular meeting of the Board of Directors of YUIMA MUNICIPAL WATER DISTRICT this 30th day of September 2019 by the following roll-call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

ATTEST:

Ron W. Watkins, President

Don Broomell, Secretary/Treasurer

**EMERGENCY AND SUPPORT SERVICES AGREEMENT
RANCHO ESTATES MUTUAL WATER COMPANY**

THIS AGREEMENT is made October 1, 2019, between YUIMA MUNICIPAL WATER DISTRICT ("YUIMA") and RANCHO ESTATES MUTUAL WATER COMPANY, a California corporation ("RANCHO ESTATES"), in view of the following facts:

1. YUIMA is a municipal water district organized under the laws of the State of California. YUIMA is a member agency of San Diego County Water Authority and its territory is included within the Metropolitan Water District of Southern California. As such member agency, YUIMA is entitled to purchase water from Water Authority and has constructed a pipeline and other works for the transmission of water from the aqueduct of the Water Authority into the district, together with facilities for the transmission and delivery of water into the distribution system of RANCHO ESTATES.

2. RANCHO ESTATES is a cooperative mutual corporation formed for the purpose of delivering water to its shareholders. It has constructed pipelines, drilled and operates wells for the purpose of supplying local water to the shareholders.

3. With adjacent service areas, YUIMA and RANCHO ESTATES share a common interest in maintaining reliable water distribution systems and adequate supplies of potable water for the benefit of their respective Pauma Valley customers.

4. Both parties recognize the likelihood that emergency circumstances will arise periodically in the future with the potential to interrupt or otherwise adversely affect the ability of RANCHO ESTATES to maintain adequate, reliable supplies of potable water.

5. The purpose of this Agreement is to provide a contractual framework under which YUIMA agrees, under certain circumstances, to provide emergency repair services to RANCHO ESTATES.

IT IS, THEREFORE, AGREED:

1. Commencing October 1, 2019, YUIMA agrees, in the event of an emergency or certain other rare and unusual, non-routine adverse events or circumstances that are outside the scope of normal operations, to provide such technical expertise, labor, equipment and/or materials as may be required to assist RANCHO ESTATES and its staff in responding effectively to such emergency or other rare and unusual non-routine adverse event or circumstance for the benefit of RANCHO ESTATES shareholders in accordance with the provisions of RANCHO ESTATES Articles, By-Laws and Rules and Regulations. These emergency or certain rare and unusual, non-routine adverse events DO NOT include the replacement of water meters, responding to or generating dig alerts (even in the event of an emergency), or the replacement or repair of infrastructure that is currently operational and/ or part of a planned improvement project.

2. Labor time, including that for welding and equipment operators, for maintenance or repair of COMPANY's facilities shall be charged to COMPANY by YUIMA at the rate of \$146.96 per labor hour for all emergency services performed during YUIMA's normal of YUIMA's normal working hours and at the rate of \$201.65 per labor hour for all emergency services performed outside of YUIMA's normal working hours. Backhoe equipment time and welding equipment time shall be billed COMPANY by YUIMA at the rate of \$69 per hour for backhoe, \$99 per hour for utility truck/crane/welder, \$20 per hour for certified test meter, \$20 per hour for liquid chlorine trailer (plus cost per gallon of chlorine used), \$10 per hour for tapper, pipeline locator, and \$10 per hour for all others. Materials and supplies, including sales tax, freight and delivery charges; tools and equipment used in the work at prevailing rental rates for similar tools and equipment; the actual invoice costs to District of services performed by others plus 15% percent.
3. COMPANY must contact office only to request all services. YUIMA and YUIMA Operations Staff shall not perform any services without approval of YUIMA management and an approved service order. COMPANY is not to contact or direct YUIMA Operations staff directly to request services.
4. YUIMA operations shall remain priority for YUIMA. YUIMA will notify RANCHO ESTATES if YUIMA operational responsibilities prevents YUIMA from assisting with requested emergency service within 24 hours of the YUIMA General Manager receiving written assistance request from RANCHO ESTATES
5. If the amounts provided for in this section are, in the opinion of YUIMA, insufficient YUIMA may, on thirty-day notice to RANCHO ESTATES, propose adjustments to YUIMA's compensation. In no event shall the amount paid YUIMA under this Agreement result in a burden on YUIMA's general funds which is not reimbursed by RANCHO ESTATES.
6. This Agreement may be terminated by either party upon giving at least one (1) months' written notice of such termination to the other.
7. RANCHO ESTATES agrees that a number of factors make the following indemnity and liability limitations reasonable, necessary, valid, enforceable and not contrary to public policy. These factors include, but are not limited to the following:
 - (a) The nature and extent of the services
 - (b) The services are not suitable for public regulation.
 - (c) The services are not of great public importance
 - (d) The services could be performed by employees of RANCHO ESTATES or by persons engaged in the business of providing such services for profit.
 - (e) YUIMA is performing the services as an accommodation to RANCHO ESTATES and is not seeking to perform the services.
 - (f) RANCHO ESTATES is free to obtain the services elsewhere.

- (g) RANCHO ESTATES is able to obtain insurance with respect to its property and its indemnity.
- (h) The amount of compensation to be paid.
- (i) The control retained by RANCHO ESTATES.
- (j) The condition of RANCHO ESTATES property.
- (k) YUIMA is a public agency with limited personnel and financial resources.
- (l) The potential liability to YUIMA without the limitations and liability could impede the public purposes for which YUIMA exists and adversely affect its taxpayers and other water users.

To the fullest extent permitted by law, YUIMA, its directors, officers, employees, agents and volunteers shall not be held liable for any claims, liabilities or damages to any property of any person including that of RANCHO ESTATES, nor for personal injury to or death to any person caused by or resulting from any acts or omissions (active, passive or comparative, negligence included) of YUIMA or its directors, officers, employees, agents or volunteers arising out of, or alleged to have arisen out of, the performance or the failure to perform any of its obligations under this Agreement. RANCHO ESTATES agrees to indemnify and hold free and harmless YUIMA and its directors, officers, employees, agents and volunteers against any such claims, liabilities and damages and any cost and expense incurred by them on account thereof. It is agreed that this indemnity is not limited in any way by the extent of any policy of insurance held by either party or by any limitation on the types of damages, compensation or benefits payable under worker's compensation acts, disability acts, or other employee acts. The foregoing limitation on liability and indemnity shall not apply to physical damage to the property of third parties or to personal injury or death that is determined to have been caused or resulted solely and exclusively by the fault or negligence of a party indemnified.

- 8. It is understood and agreed by the parties hereto that nothing in this Agreement shall obligate YUIMA to provide any of the services or materials contemplated by this Agreement to RANCHO ESTATES if, in the sole judgment of YUIMA's General Manager, providing such services or materials would compromise or jeopardize the interests of YUIMA, its employees or its customers.
- 9. RANCHO ESTATES shall maintain comprehensive or commercial general liability insurance in amounts not less than \$2,000,000 per occurrence with insurance companies acceptable to the district. All such policies shall name YUIMA, its directors, officers, employees, agents and volunteers as additional insured under the policy and provide District with certificate of insurance and endorsements. Said policies shall have a clause requiring that 30 days' written notice be given to YUIMA prior to any material change or cancellation of said policies.
- 10. RANCHO ESTATES agrees that the provisions of California Civil Code Section 1668 do not apply to this Agreement. Civil Code Section 1668 provides:

All contracts which have for their object, directly or indirectly, to exempt anyone from the responsibility for his own fraud, or willful injury to the person or property of another, or violation of law, whether willful or negligent, are against the policy of the law.

11. All acts of YUIMA under this Agreement will be performed with the express understanding that YUIMA makes no warranties, expressed or implied, with respect thereto.

IN WITNESS WHEREOF, this Agreement has been executed on behalf of the parties by their duly authorized officer.

RANCHO ESTATES MUTUAL WATER
COMPANY

YUIMA MUNICIPAL WATER DISTRICT

By _____
Don Broomell, President

By _____
Ron Watkins, President

Rancho Estates Mutual Water Company (REMWC)

Support Service Agreement with Yuima Municipal Water District (YMWD)

General Notes

1. Support services to support REMWC shall be performed secondarily to YMWD work. No priority shall be given to REMWC support service work. Support service work will be done as filler work for Yuima staff. YMWD will make every attempt to uphold support service commitments, but in the event of a distribution system emergency within the Yuima District a support service project may be canceled or postponed.
2. Support services are defined as:
 - a. Meter replacement
 - b. Mainline, and service lateral repair
 - c. Consultative and/or supervisory support of new appurtenance installation (done by others)
 - d. Line locating related to approved support service projects
3. Support services are not defined as:
 - a. New pipeline installation
 - b. Routine chlorine residual checks
 - c. Daily rounds / visual inspection of system
 - d. Weed abatement
 - e. Water sample collection
 - f. Line locating in response to Dig Alerts
4. Normal business hours shall mean
 - a. Monday through Friday 7am to 5pm (excluding Holidays)
5. Rates shall be:
 - a. \$63.53 per hour during normal business hours
 - b. \$83.41 per hour during hours outside normal business hours
 - c. \$69 per hour for backhoe
 - d. \$99 per hour for utility truck/crane/welder
 - e. \$10 per hour for tapper, pipeline locator
 - f. 15% will be added to all materials or subcontract services
6. Yuima equipment shall only be operated by Yuima employees.
7. All acts of YMWD under this agreement will be performed with the express understanding that YMWD makes no warranties, expressed or implied with respect thereto.
8. REMWC shall maintain comprehensive or commercial general liability insurance in amounts not less than \$2,000,000 per occurrence with an insurance company acceptable to YMWD. All such policies shall name Yuima MWC, its directors, officers, employees, agents and volunteers as additional insured under the policy and provide YMWD with a certificate of insurance and endorsements. Said policies shall have a clause requiring that 30 days' written notice be given to YMWD prior to any material change or cancellation of said policies.

This contract can be amended, or canceled with 60 days written notice.

Start date: _____

Bobby Graziano, REMWC, General Manager

Date _____

Rich Williamson, General Manager, Yuima MWC

Date _____

DRAFT

DISCUSSION PAPER/ANALYSIS
SOURCE/TRANSMISSION/STORAGE CAPACITY
YUIMA MWD
September 30, 2010

INTRODUCTION:

There have been concerns raised regarding the ability of the YMWD infrastructure to continue to meet increasing demands for water supply, especially during periods of high demand during the summer months. The following observations lend support to these concerns:

1. During the summer months the Forebay Pump Station has been pumping at near capacity for 6-8 weeks consecutively. In the past full capacity pumping was counted in days per year, not in weeks or months.
2. The uncertainty regarding the viability of agriculture in the service area raises the concern of committing extensive funds necessary to provide for additional infrastructure. This could result in stranded assets and place a strain on the District's ratepayers for covering the cost of unutilized assets.
3. The State Water Resources Control Board, Division of Drinking Water (DDW) has expressed concern over storage capacity in the system in recent Sanitary Surveys they have conducted in our service area.
4. The unknown long-term effects of the implementation of the Sustainable Groundwater Management Act in the service area is an additional reason to be very conservative with the expenditure of funds to increase the carrying capacity of the system infrastructure.
5. Current demands in the Yuima main system (the valley v. IDA), especially those in the western portion of the service area, are causing loss of pressure in the areas of the pumps stations that supply water into IDA.

The District adopted an Interruptible Agricultural Rate which allows the District to request customers with that rate, as well as those who participate in the CWA TSAWR rate, to curtail their usage so that delivery can be made to non-interruptible customers. This is an action that the District doesn't relish implementing, but the future may see the need to develop additional criteria


and a path to curtail supplies to minimize impact to the agricultural customers. The cost to improve the system infrastructure to eliminate the need for interruptible rates is estimated to exceed \$15 million for addition pipelines, storage tanks and booster pumps. The Board of Directors exhibited sound financial conservativeness to proceed at the pace to improve system infrastructure that allows time to assess the impacts, and the resultant future needs, of the elements that may influence water use in the District in the future.

Therefore, in keeping with the implementation of this conservative approach, the need to control future demands on the system needs Board direction on the options available, and our response to external factors facing our ratepayers. Some possible options, to initiate this discussion are as follows:

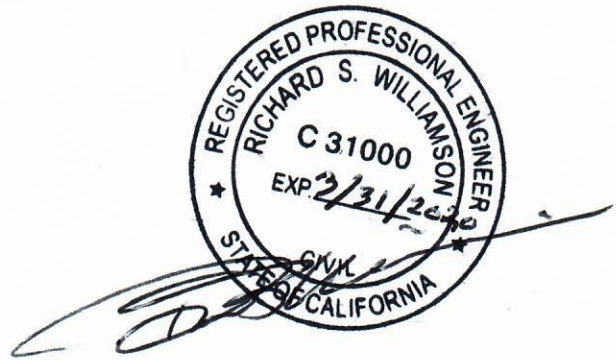
- A. Impose a temporary moratorium on the connection of any new meters larger than 1" in size until such time as the Board determines that the system infrastructure warrants be expanded to meet anticipated future demand as exterior influences are evaluated and become more certain.
- B. Continue under current policy of hooking up new customers with the recognition that their service is interruptible, and working with the local agricultural community to schedule deliveries to reduce instantaneous demand on the system which will halt the interference of delivery of full flow pumping capability to the IDA service area.
- C. Conduct a facility study to ascertain all of the improvements necessary to comply with State standards for supply and storage capacity, and let the ratepayers vote on a General Obligation Bond to fund the identified improvements.

There are numerous other permutations of these scenarios that could be, and should be discussed. But the need to address this issue is undeniable at this point in time. I have attached a very brief, concise analysis of our present Capacity Assessment to provide some context to our discussions.

Respectfully Submitted,


Richard S. Williamson, P.E.
General Manager

ATTACHMENT:



YMWD Capacity Assessment:

(1) The Maximum Day Demand (MDD) computed per §64554 (a) and using District records is 6.65 MGD. With an existing 10.44 MGD source capacity, no improvement is needed for YMWD.

(2) Per §64554 (a)(2) and existing 9.2 MG (excluding Forebay Tank) storage capacity, YMWD does not require additional storage or source capacity to meet the 6.65 MGD of MDD.

YMWD-IDA Capacity Assessment:

(1) The Maximum Day Demand (MDD) is 11.28 MGD computed per §64554 (a) and using District records. With an existing 8.43 MGD source capacity (considering 4,000 gpm supply from Tap 1, 2 and 3) a 2,000 gpm supply improvement is needed for a total supply to YMWD-IDA of 6,000 gpm.

(2a) Per §64554 (a)(2) and existing 9.31 MG of storage capacity, YMWD-IDA does not have sufficient storage and would require an additional 2 MG storage tank to meet the 11.28 MGD of MDD along with the 2,000 gpm supply improvement.

(2b) as an alternative to building an additional 2 MG storage tank YMWD could increase supply to YMWD-IDA by 3344 gpm for a total of 7344 gpm.

The impact to the supply improvements planned for SDCWA (i.e., Forebay PS and Valley Center Emergency Supply) include the following options:

Option 1: Build 2 MG storage tank in YMWD-IDA and increase supply to YMWD-IDA for a total of 6,000 gpm (13.4 cfs). This will require the Forebay PS capacity to be increased to 22 cfs and be supplemented by Valley Center Emergency Supply connection at Lilac Rd for another 1.5 cfs, totaling 23.5 cfs. It is understood that additional conveyance improvements downstream of McNally Tanks are anticipated pending additional hydraulic analysis of YMWD's conveyance system.

Option 2: Do not build additional storage tank in YMWD-IDA, but increase supply to YMWD-IDA for a total of 7,344 gpm (16.4 cfs). This will require the

Forebay PS capacity to be increased to 22 cfs and be supplemented by Valley Center Emergency Supply connection at Lilac Road for another 4.5 cfs, totaling 26.5 cfs. Again it is understood that additional conveyance improvements downstream of McNally Tanks are anticipated pending additional hydraulic analysis of YMWD's conveyance system.

As a side note, the velocity in a 20-inch mainline at the following flows are:

- 26.5 cfs the velocity is 12.2 fps
- 23.5 cfs the velocity is 10.8 fps

IV.
INFORMATION / REPORTS

Yuima Municipal Water District - Production/Consumption Report

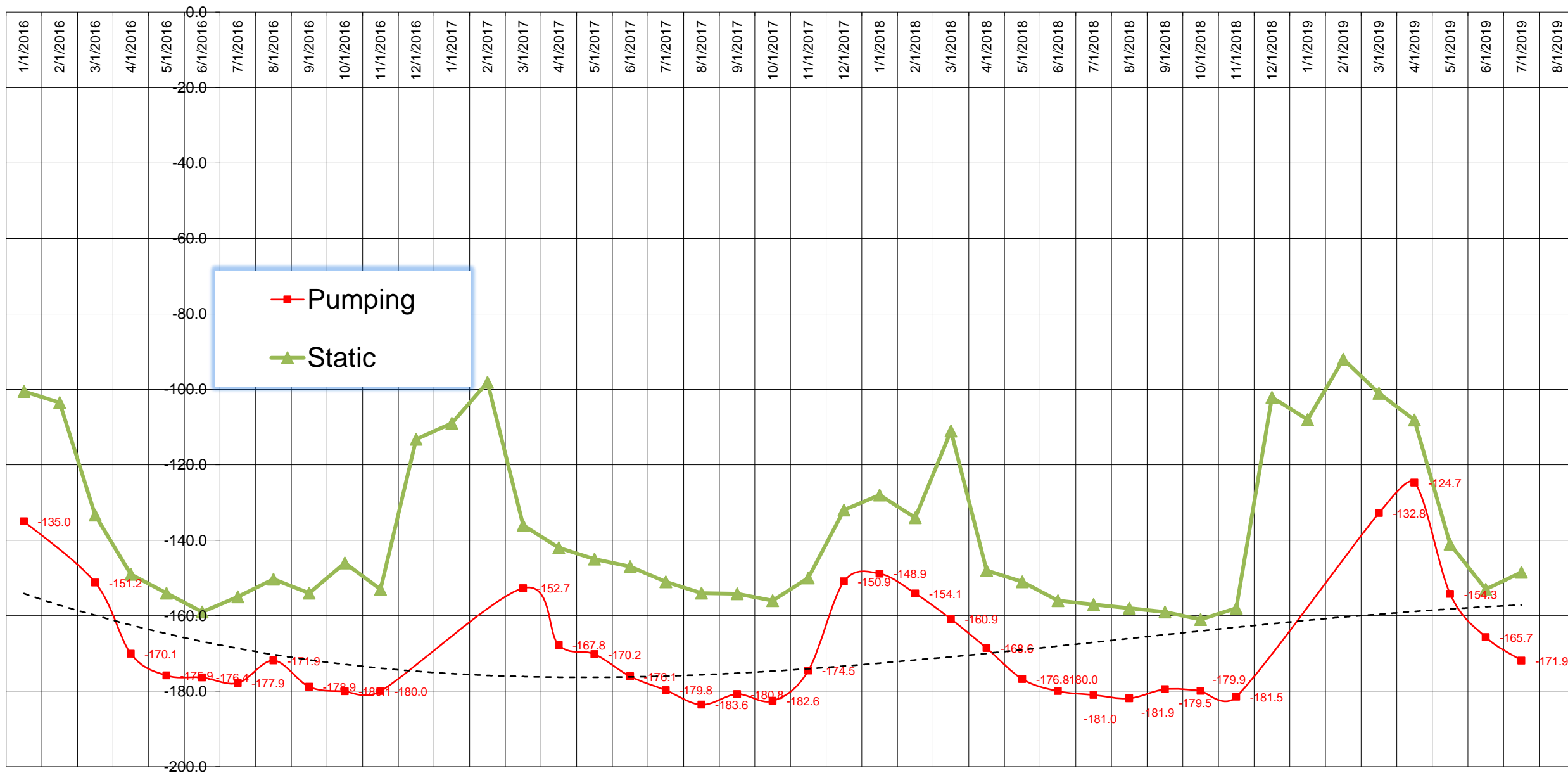
YUIMA GENERAL DISTRICT				FISCAL YTD		CALENDAR YTD	
				2019-20	2018-19	2019	2018
Produced and Purchased Water		Aug-19	Jul-19				
20-2009	IDA	0.0	0.0	0.0	0.0	0.0	0.0
0-1009 & 10-1011	SDCWA	744.9	767.0	1511.9	4756.2	2583.6	6140.5
10-1001	SCHOEPE	6.1	8.7	14.7	63.4	48.5	88.2
Total Produced and Purchased		750.9	775.7	1526.6	4819.6	2632.0	6228.7
Consumption							
Back of Book 01	CUSTOMERS GENERAL DISTRICT	326.9	364.1	691.1	2630.4	1345.9	3377.3
10-2100	TAP 1	163.9	199.2	363.0	1006.0	574.8	1404.7
990 minus 20-2008	TAP 2	160.0	111.2	271.2	665.0	361.7	686.2
10-1200	TAP 3	94.2	108.9	203.2	593.3	379.0	761.3
Total Consumption - Yuima		745.0	783.5	1528.5	4894.7	2661.4	6229.5
Storage Level Changes		6.7	3.4	10.1	-1.8	8.6	-3.9
Slippage - Acre Feet		12.6	-4.4	8.2	-76.9	-20.8	-4.6
Slippage %		1.7	-0.6	0.5	-1.6	-0.8	-0.1
IMPROVEMENT DISTRICT "A"							
Produced Strub Zone Wells							
20-2012	RIVER WELL 12	15.9	19.8	35.7	137.0	101.1	158.4
20-2091	RIVER WELL 19A	45.7	55.6	101.3	361.6	260.4	398.1
20-2020	RIVER WELL 20A	27.9	33.9	61.8	257.7	170.1	310.2
20-2025	RIVER WELL 25	26.8	23.2	50.0	152.2	115.7	187.9
20-2022	FAN WELL 22	18.9	35.5	54.4	135.5	93.7	195.7
Total Produced Strub Zone Wells		135.2	168.0	303.2	1044.0	741.0	1250.3
Produced Fan Wells							
20-2007	WELL 7A	6.7	4.8	11.5	21.8	13.3	32.3
20-2000	WELL 10	1.6	1.2	2.8	6.1	3.3	9.1
20-2014	WELL 14	22.2	37.3	59.5	106.4	93.2	181.5
20-2017	WELL 17	7.2	8.9	16.1	39.7	25.6	78.4
20-2018	WELL 18	9.4	10.2	19.7	57.3	32.3	90.8
20-2023	WELL 23	5.6	6.4	12.0	28.1	18.7	29.3
20-2024	WELL 24	11.5	13.7	25.3	69.6	43.1	91.9
20-2029	WELL 29	15.7	18.6	34.3	57.9	55.6	91.9
20-20410-500	HORIZONTAL WELLS	18.2	25.0	43.2	129.6	112.5	143.4
Code K Usage	WELL USE AGREEMENTS ("K")	18.0	22.7	40.7	127.8	86.8	160.7
Total Produced Fan Wells		116.1	148.9	265.0	644.6	484.4	909.1
Total Produced Strub and Fan Wells		251.3	316.9	568.2	1688.5	1225.4	2159.4
Purchased Water							
10-2100	TAP 1	163.9	199.2	363.0	1006.0	574.8	1404.7
990 minus 20-2008	TAP 2	160.0	111.2	271.2	665.0	361.7	686.2
10-1200	TAP 3	94.2	108.9	203.2	593.3	379.0	761.3
Total Purchased Water		418.1	419.3	837.4	2264.4	1315.5	2852.2
Total Produced and Purchased		669.4	736.2	1405.6	3952.9	2541.0	5011.6
Consumption							
Back of Book 02	CUSTOMERS IDA	639.0	696.5	1335.5	3720.7	2333.6	4832.3
	Interdepartmental to Y	0.0	0.0	0.0	0.0	0.0	0.0
Total Consumption - IDA		639.0	696.5	1335.5	3720.7	2333.6	4832.3
Storage Level Changes		-0.3	5.2	4.8	-2.0	1.3	0.2
Slippage - Acre Feet		30.0	44.9	74.9	230.1	208.7	179.5
Slippage %		4.5	6.1	5.3	5.8	8.2	3.6
Combined General District and IDA							
0-1009 & 10-1011	SDCWA	744.9	767.0	1511.9	4756.2	2583.6	6140.5
10-1001	SCHOEPE	6.1	8.7	14.7	63.4	48.5	88.2
	PRODUCED YUIMA	0.0	0.0	0.0	0.0	0.0	0.0
	PRODUCED IDA	251.3	316.9	568.2	1688.5	1225.4	2159.4
Total Produced and Purchased		1002.2	1092.5	2094.7	6508.1	3857.5	8388.1
Consumption		966.0	1060.6	2026.6	6351.1	3679.5	8209.6
Storage Level Changes		6.4	8.6	14.9	-3.8	9.9	-3.7
Slippage - Acre Feet		42.6	40.5	83.1	153.2	188.0	174.9
Slippage %		4.3	3.7	4.0	2.4	4.9	2.1

Footnotes-

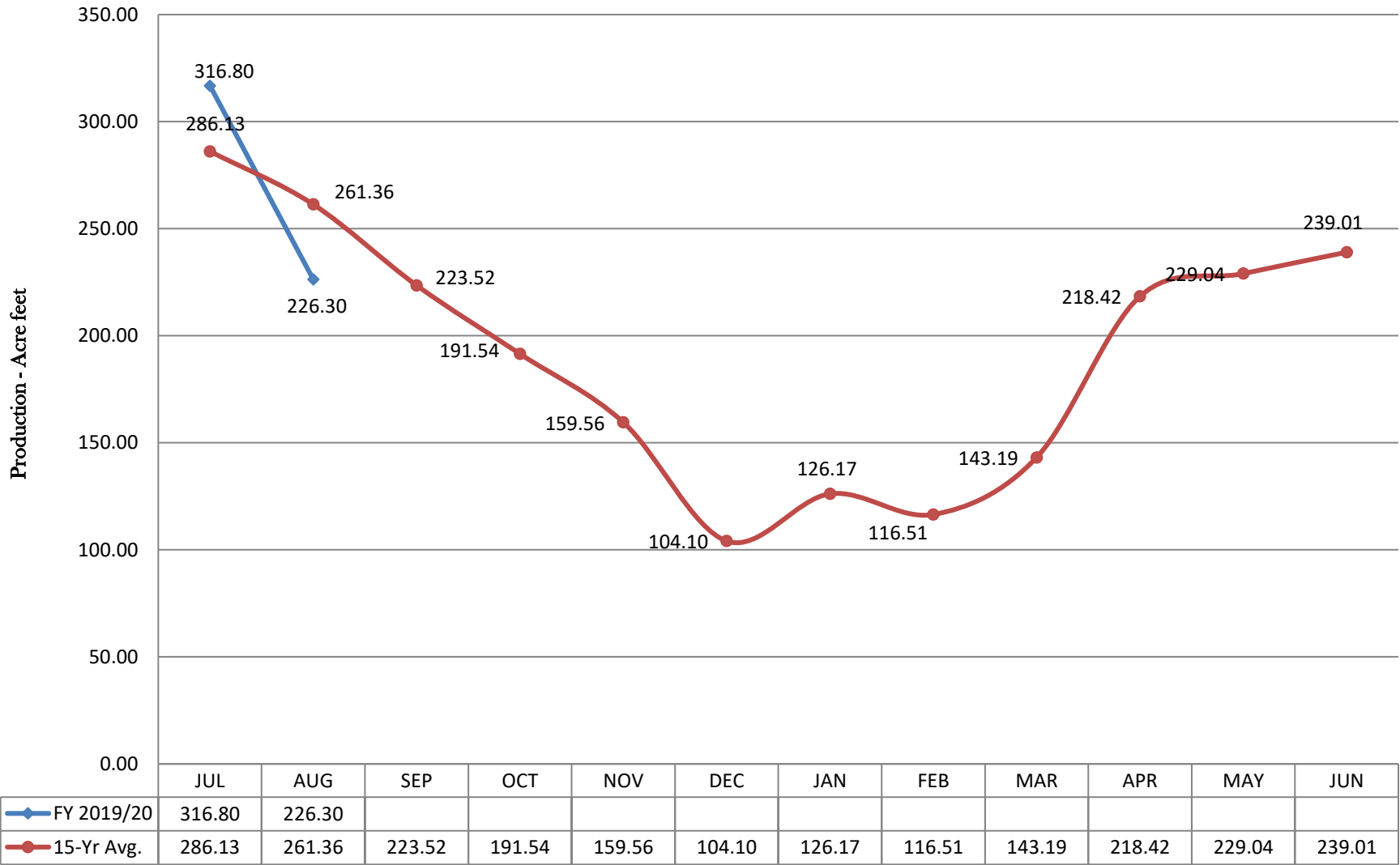
Yuima:

IDA: Horizontal Wells went to reservoir

Yuima Municipal Water District
River Well Static (21A) and Pumping Levels
For Yuima Wells No. 12, 19A, 20A and 25
(Increasing Inverse = improving water levels)
Pumping and Static Levels (feet below ground level)
(Updated July, 2019) 2016-Current



Yuima Municipal Water District
 Monthly Production from District-Owned Wells
 in Acre-feet Updated August, 2019



(* static level with surrounding wells off 24 hrs)	July			August			September			October			November			December		
	2018			2018			2018			2018			2018			2018		
	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	*Static Level	Pumping Level	GPM
Monitor Well No. 21A Elev 800' Depth 251'	157			158			159			161			158			102.1		
Well No. 12 (River) Elev 800' Depth 207'		173.3	108		173	104		173	103		173.4	104		173	106	108		
Well No. 19A (River) Elev 800' Depth 215'		184.6	306	128.8	187.8	301		188.1	308		190.2	295		190	302	107.2		
Well No. 20A (River) Elev 800' Depth 225'		181.8	221	126.7	182	225		181.2	220		180.4	214		180.2	216	103.8		
Well No 25 (River) Elev 805' Depth 210'		184.3	130		184.8	128		175.8	130		175.6	118		181	110	107.3		
Well No. 3 (Fan) Elev 1220' Depth 547'	314.8			313.2			313.2			313.6			312.9			313		
Well No. 7A (Fan) Elev 1240' Depth 554'	291.6	368.1	141	292.1	365.6	138	298	366.1	133	287.2	365.3	127	287.6			279		
Well No. 8 (Fan) Elev 1227' Depth 1000'	343.8			344.1			345.3			343.2			341.9			337		
Well No. 9 (Fan) Elev 1252' Depth 436'	281.3			284.2			288.4			284.1			282.9			273.9		
Well No. 10 (Fan) Elev 1210' Depth 405'	249	287.2	36		299.8	37	252.4	299.8	36	248.5	300.1	35	245.2			238.3		
Well No. 13 (Fan) Elev 1280' Depth 403'	309.2			309.3			309.7			311.2			310.4			290		
Well No. 14 (Fan) Elev 1310' Depth 542'		433	115		421	193		409.7	125		418	168	277	414	195	254		
Well No. 17 (Fan) Elev 1375' Depth 597'		451	72		453	70		452	69		451	70	386.4	452	69	357.8		
Well No. 18 (Fan) Elev 2380' Depth 1000'		588	76		593	74		601	83		604	91		586	112	471		
Well No 22 (Fan) Elev 997.4' Depth 1100'		252.6	150		253.6	147		255	143		253.9	143		254.6	141	227.8		
Well No. 23 (Fan) Elev 1587' Depth 963'	258.1	258.1	43		364.4	43		366	41		354.2	39	274.6	365.1	38	270.1		
Well No. 24 (Fan) Elev 1530' Depth 582'		352.2	96		354.1	97		354	96		354.8	97	278.4			269		
Well No. 28 (Fan) Elev 2335' Depth 550'																		
Well No. 29 (Fan) Elev 1314' Depth 450'		361.1	118	349.2			304.1				373	128	343.4	368	126	310.6		
Well No. 41 (Horizontal) Elev 2627' Depth 555'			13.9			10.3			8.7			11.36			9.26			1.69
Well No. 42 (Horizontal) Elev 2632' Depth 675'			16.4			14.9			12.5			17.15			14.57			3.42
Well No. 43 Pressure Gauge: reads in psi			5			5			5			5			5			
Well No. 44 (Horizontal) Elev 3040' Depth 465'			6.3			6.1			5.2			6.83			5.73			1.07
Well No. 45 (Horizontal) Elev 2900' Depth 770'																		
Well No. 46 (Horizontal) Elev 3050' Depth 870'			12.4			11.6			9.2			11.59			9.69			1.91
Well No. 47 (Horizontal) Elev 3050' Depth 1007'			0.4															
Well No. 48 (Horizontal) Elev 3160' Depth 785'			30.6			31.0			27.2			33.54			27.6			5.01
Well No. 49 (Horizontal) Elev 3160' Depth 905'			7.7			7.5			6.5			8.82			7.52			1.4
Well No. 50 (Horizontal) Elev 3120' Depth 1215'			8.9			7.6			5.8			6.96			5.41			1.13
Well No. 51																		
Schoepe No. 2 (River) Elev 700' Depth 253'		191.5	16		192.1	16		191.9	15	138.2				191.5	7	152		
Schoepe No. 3 (River) Elev 700' Depth 265'		169	32		168.8	26		169.7	19	164.8				168.7	14	156.5		
Schoepe No. 3-R (River) Elev 700' Depth 200'		174.8	18		174.2	18		175.6	16	162.4				166.9	12	155.1		
Schoepe No. 4 (River) Elev 700' Depth 185'	132.5			134			136			136			136.6			131		
Schoepe No. 5 (River) Elev 700' Depth 1000'	137			138			138			139			139			134		

YUIMA MUNICIPAL WATER DISTRICT

Well Level Report

(* static level with surrounding wells off 24 hrs)	January 2018			February 2018			March 2018			April 2018			May 2018			June 2018		
	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM	Static Level	Pumping Level	GPM
Monitor Well No. 21A Elev 800' Depth 251'	128			134.0			111.0			148.0			151.0			156.0		
Well No. 12 (River) Elev 800' Depth 207'		155.2	169	119.0	146.5	164.0	100.9	157.5	145.0		164.1	133.0		168.7	134.0		172.8	119.0
Well No. 19A (River) Elev 800' Depth 215'	124			126.0	162.4	300.0	108.8	165.1	282.0		168.5	375.0	181.3		385.0		183.2	310.0
Well No. 20A (River) Elev 800' Depth 225'		152.4	285	121.0	143.5	275.0	102.7	148.0	270.0		167.4	248.0		175.8	275.0		180.0	230.0
Well No 25 (River) Elev 805' Depth 210'		163.8	210	136.9	164.0	225.0	106.5	173.0	195.0		174.3	183.0		181.4	154.0		184.0	132.0
Well No. 3 (Fan) Elev 1220' Depth 547'	313.2			304.1			301.0			305.0			313.4			312.9	364.2	
Well No. 7A (Fan) Elev 1240' Depth 554'	287.7			287.9			277.2			283.2			278.8			290.8		145.0
Well No. 8 (Fan) Elev 1227' Depth 1000'	339			336.3			335.9			337.1			340.0			342.5		
Well No. 9 (Fan) Elev 1252' Depth 436'	287.1			279.3			272.3			274.4			276.0			278.4		
Well No. 10 (Fan) Elev 1210' Depth 405'	253.8	281.4	35	242.6			238.2			244.2			238.2			247.4	284.1	38.0
Well No. 13 (Fan) Elev 1280' Depth 403'	306.2			303.8			294.6			304.5			306.5			309.3		
Well No. 14 (Fan) Elev 1310' Depth 542'		436.2	190	295.8	421.0	285.0		426.2	285.0		427.0	225.0		428.0	220.0		431.0	160.0
Well No. 17 (Fan) Elev 1375' Depth 597'		486	74	371.0	451.0	70.0		450.0	72.0		449.0	73.0		448.0	75.0		449.0	73.0
Well No. 18 (Fan) Elev 2380' Depth 1000'		488	116	399.5			381.3			530.0	98.0		538.0	94.0		563.0	82.0	
Well No 22 (Fan) Elev 997.4' Depth 1100'		250.2	163	227.8	245.6	160.0	227.8	246.9	167.0		248.7	165.0		251.6	170.0		252.3	166.0
Well No. 23 (Fan) Elev 1587' Depth 963'		288.9	49	265.8	365.1	44.0	262.6	360.1	125.0	260.4	350.9	132.0	256.0	342.3	126.0	257.1	345.1	78.0
Well No. 24 (Fan) Elev 1530' Depth 582'	269.1	355.8	104	268.2	353.0	101.0	266.4			266.5				345.6	101.0		354.2	103.0
Well No. 28 (Fan) Elev 2335' Depth 550'																		
Well No. 29 (Fan) Elev 1314' Depth 450'	345	408.1	105	304.1	355.8	133.0		358.0	134.0	338.4			339.1	358.1	132.0		358.4	125.0
Well No. 41 (Horizontal) Elev 2627' Depth 555'			9.9			11.6			21.1			11.2			9.9			7.6
Well No. 42 (Horizontal) Elev 2632' Depth 675'			21			18.1			27.8			21.9			19.2			17.6
Well No. 43 Pressure Gauge: reads in psi			5			5			5			5			5			5
Well No. 44 (Horizontal) Elev 3040' Depth 465'			7.9			5.9			15.5			7.8			8.4			7.8
Well No. 45 (Horizontal) Elev 2900' Depth 845'																		
Well No. 46 (Horizontal) Elev 3050' Depth 870'			15.7			13.8			25.3			14.5			11.2			11.1
Well No. 47 (Horizontal) Elev 3050' Depth 1007'			4.8			4.3			6.3			4.2			5.5			2.8
Well No. 48 (Horizontal) Elev 3160' Depth 785'			33.3			25.3			39.0			35.6			21.6			23.9
Well No. 49 (Horizontal) Elev 3160' Depth 905'			10.4			7.7			9.6			7.2			6.9			9.4
Well No. 50 (Horizontal) Elev 3120' Depth 1215'			11.8			9.8			22.9			12.4			25.5			13.3
Well No. 51													124.0					
Schoepe No. 2 (River) Elev 700' Depth 253'		192	21	152.0	193.0	17.0		192.0	18.0		191.3	18.0					130.8	
Schoepe No. 3 (River) Elev 700' Depth 265'	154.9			159.0	169.1	43.0		169.4	51.0		169.4	40.0					155.7	
Schoepe No. 3-R (River) Elev 700' Depth 200'	151.3			157.0	185.3	24.0		185.8	25.0		185.1	25.0					154.2	
Schoepe No. 4 (River) Elev 700' Depth 185'	125.3			129.0			129.3			131.0							129.0	
Schoepe No. 5 (River) Elev 700' Depth 1000'	122			123.0			124.0			136.0							133.0	

YUIMA MUNICIPAL WATER DISTRICT

REPORT OF DISTRICT WATER PURCHASED AND PRODUCED

	Month Comparative One (1) Year Ago			Fiscal Year to Date Comparatives		
	Aug-19	Aug-18	%CHANGE	2019/20	2018/19	%CHANGE
LOCAL SUPPLY	257.3	218.8	17.6%	582.8	471.6	23.6%
AUTHORITY	744.9	864.7	-13.9%	1511.9	1843.2	-18.0%
TOTAL PRODUCED & PURCHASED	1002.2	1083.5	-7.5%	2094.7	2314.8	-9.5%
CONSUMPTION	966.0	1083.9	-10.9%	2026.6	2284.3	-11.3%
% LOCAL	25.7%	20.2%	5.5%	27.8%	20.4%	7.4%
%AUTHORITY	74.3%	79.8%	-5.5%	72.2%	79.6%	-7.4%

FISCAL YEAR ENDING JUNE 30 COMPARATIVES

	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999
LOCAL SUPPLY	2107.5	2058.1	2334.3	2726.6	3145.7	4199.9	4353.8	3356.5	2858.8	3729.7	2583.6	4060.1	3367.0	2583.6	3591.1	3320.9	4389.3	3908.9	4441.4	4597.7
AUTHORITY SUPPLY	4780.9	4470.6	3621.1	4468.4	4596.1	2149.3	1183.6	1617.7	2521.8	2347.0	3719.8	3573.5	3478.7	3142.9	4309.0	3219.9	3598.0	2739.0	2848.8	719.0
TOTAL PRODUCED & PURCHASED	6888.4	6528.7	5955.4	7195.0	7744.8	6349.2	5537.4	4974.2	5380.6	6076.7	6303.4	7633.6	6845.7	5726.5	7900.1	6540.8	7987.3	6647.9	7290.2	5316.7
CONSUMPTION	6629.8	6379	5887.8	7175.6	7591.1	6310.3	5486.9	4959.0	5310.8	5909.0	6088.3	7380.5	6492.5	5384.5	7398.8	6271.4	7633.3	6368.2	6884.2	5052.1
% LOCAL	30.6%	31.5%	39.2%	37.9%	40.6%	66.1%	78.6%	67.5%	53.1%	61.4%	41.0%	53.2%	49.2%	45.1%	45.5%	50.8%	55.0%	58.8%	60.90%	77.2%
% AUTHORITY	69.4%	68.5%	60.8%	62.1%	59.4%	33.9%	21.4%	32.5%	46.9%	38.6%	59.0%	46.8%	50.8%	54.9%	54.5%	49.2%	45.0%	41.2%	39.10%	22.8%

RAINFALL RECORD 2019/2020 YUIMA SHOP

Location: 34928 Valley Center Road, Pauma Valley @ 1050' elevation

	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	
1													
2													
3													
4													
5													
6													
7													
8													
9													
10													
11													
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20													
21													
22													
23													
24													
25													
26													
27													
28													
29													
30													
31													TOTAL YEAR
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1987/88 (B)	0.00	0.00	0.00	2.60	4.17	1.20	2.97	2.23	0.97	6.95	0.40	0.00	21.49
1988/89 (B)	0.00	1.25	0.00	0.00	1.36	4.78	1.38	3.25	0.60	0.25	0.43	0.00	13.30
1989/90 (B)	0.00	0.00	1.03	0.50	0.00	0.55	4.45	2.65	0.92	3.22	0.95	1.10	15.37
1990/91	0.32	0.93	0.00	0.16	0.83	0.85	1.30	2.60	13.10	0.20	0.00	0.00	20.29
1991/92	0.70	0.00	0.40	0.85	0.30	1.90	3.25	5.60	5.30	0.15	0.50	0.00	18.95
1992/93	0.00	1.75	0.00	1.55	0.00	5.10	17.25	8.60	1.55	0.00	0.00	0.70	36.50
1993/94	0.00	0.00	0.00	0.25	2.35	0.90	1.20	4.60	5.30	2.00	0.20	0.00	16.80
1994/95	0.00	0.00	0.00	0.40	0.80	0.75	9.35	3.00	9.40	2.00	0.75	1.10	27.55
1995/96	0.10	0.00	0.00	0.00	0.20	0.85	1.50	3.50	2.30	0.50	0.00	0.00	8.95
1996/97	0.00	0.00	0.00	0.00	4.55	2.40	6.35	0.75	0.00	0.00	0.00	0.00	14.05
1997/98	0.00	0.00	2.10	0.10	2.45	2.10	3.70	10.95	4.05	3.30	3.05	0.15	31.95
1998/99	0.00	0.00	1.15	0.00	2.45	1.36	1.93	1.00	0.80	2.32	0.05	0.50	11.56
1999/2000	0.25	0.00	0.10	0.00	0.10	0.25	0.60	5.20	1.55	0.95	0.45	0.00	9.45
2000/2001	0.00	0.00	0.05	0.98	0.45	0.00	2.80	6.20	1.70	1.70	0.50	0.00	14.38
2001/2002	0.00	0.00	0.00	0.00	1.35	1.90	0.60	0.15	1.80	0.65	0.00	0.00	6.45
2002/2003	0.00	0.00	0.20	0.00	2.85	3.60	0.25	6.40	3.45	2.10	0.65	0.00	19.50
2003/2004	0.00	0.40	0.00	0.00	1.55	1.55	0.70	4.25	0.75	1.05	0.00	0.00	10.25
2004/2005	0.00	0.40	0.00	7.20	1.55	4.55	8.70	6.60	1.75	1.05	0.10	0.00	31.90
2005/2006	0.50	0.00	0.10	1.85	0.00	0.50	1.75	2.45	3.55	2.65	0.50	0.00	13.85
2006/2007	0.00	0.20	0.30	0.40	0.05	1.40	0.50	2.70	0.30	0.80	0.10	0.00	6.75
2007/2008	0.00	0.25	0.00	0.20	0.50	5.30	5.80	3.80	0.60	0.00	1.00	0.00	17.45
2008/2009	0.00	0.00	0.00	0.00	1.60	4.95	0.05	4.45	0.30	0.75	0.00	0.00	12.10
2009/2010	0.00	0.00	0.00	0.00	1.10	3.65	7.45	4.00	0.55	2.60	0.00	0.00	19.35
2010/2011	0.20	0.00	0.00	3.15	1.45	8.60	1.25	4.40	2.65	0.30	0.40	0.05	22.45
2011/2012	0.00	0.00	0.15	0.65	2.65	1.20	1.15	2.05	2.25	3.15	0.10	0.00	13.35
2012/2013	0.00	0.00	1.50	0.40	0.45	2.70	1.50	1.25	1.70	0.10	0.40	0.00	10.00
2013/2014	0.28	0.00	0.00	1.48	0.15	0.40	0.25	0.95	2.95	0.80	0.00	0.00	7.26
2014/2015	0.00	0.20	1.00	0.00	1.00	4.90	0.70	0.90	1.60	0.75	1.20	0.50	12.75
2015/2016	1.90	0.30	1.70	0.35	0.90	2.65	3.40	1.15	1.50	0.75	0.40	0.00	15.00
2016/2017	0.00	0.00	1.00	0.16	1.75	4.37	7.17	6.05	0.20	0.00	1.34	0.00	22.04
2017/2018	0.07	0.12	0.13	0.00	0.00	0.00	3.18	0.88	2.55	0.01	0.12	0.00	7.06
2018/2019	0.00	0.00	0.00	1.27	2.51	1.63	2.34	7.98	1.68	0.40	1.83	0.12	19.76
Average/32	0.14	0.18	0.34	0.77	1.29	2.40	3.27	3.77	2.43	1.30	0.48	0.13	16.50

RAINFALL RECORD 2019/2020 JOHNSON

Location: 32000 block of Rincon Ranch Road, Pauma Valley @ 2055' elevation

Al Barretts record until 2009-10

	JULY	AUGUST	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MARCH	APRIL	MAY	JUNE	
1													
2													
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22													
23													
24													
25													
26													
27													
28													
29													
30													
31													
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TOTAL YEAR 0.00
1987/1988	0.00	0.00	0.00	2.60	4.17	1.20	2.97	2.23	0.97	6.95	0.40	0.00	21.49
1988/1989	0.00	1.25	0.00	0.00	1.36	4.78	1.38	3.25	0.60	0.25	0.43	0.00	13.30
1989/1990	0.00	0.00	1.03	0.50	0.00	0.55	4.45	2.65	0.92	3.22	0.95	1.10	15.37
1990/1991	0.32	0.93	0.00	0.16	1.40	0.77	1.86	2.70	13.36	0.34	0.00	0.00	21.84
1991/1992	1.00	0.00	0.20	1.00	0.00	1.96	3.55	6.06	5.81	0.49	0.80	0.00	20.87
1992/1993	0.33	0.70	0.00	1.45	0.00	5.43	20.09	10.21	1.26	0.00	0.00	1.17	40.64
1993/1994	0.00	0.00	0.50	0.30	2.84	1.10	1.22	5.50	4.62	2.00	0.40	0.00	18.48
1994/1995	0.00	0.00	0.00	0.56	1.34	1.22	11.63	4.10	13.72	2.33	1.57	1.41	37.88
1995/1996	0.21	0.00	0.00	0.00	0.40	1.28	1.53	5.47	3.03	0.77	0.00	0.00	12.69
1996/1997	0.00	0.00	0.00	1.16	4.40	3.26	7.25	1.02	0.32	0.00	0.17	0.00	17.58
1997/1998	0.00	0.00	3.05	0.25	3.40	2.93	5.84	13.52	5.21	3.42	4.32	0.27	42.21
1998/1999	0.00	0.20	0.94	0.18	2.68	1.73	2.54	1.18	1.04	4.18	0.10	0.17	14.94
1999/2000	0.22	0.00	0.00	0.00	0.20	0.44	1.28	5.64	1.83	1.61	0.15	0.00	11.37
2000/2001	0.00	0.00	0.25	1.35	0.44	0.00	3.33	6.99	2.88	2.60	0.82	0.00	18.66
2001/2002	0.00	0.00	0.00	0.00	1.62	2.24	0.61	0.30	2.16	0.84	0.00	0.00	7.77
2002/2003	0.00	0.00	0.20	0.15	4.90	4.08	0.25	7.62	4.25	3.27	1.48	0.00	26.20
2003/2004	0.00	0.69	0.00	0.00	1.88	1.93	0.78	5.24	0.66	1.23	0.50	0.12	13.03
2004/2005	0.00	0.50	0.00	8.70	1.80	5.20	11.58	8.45	2.93	1.71	0.20	0.40	41.47
2005/2006	0.00	0.00	0.01	2.52	0.00	0.67	2.32	2.91	4.02	3.25	0.77	0.00	16.47
2006/2007	0.35	0.19	0.75	0.38	0.15	1.86	0.28	2.87	0.91	1.35	0.18	0.00	9.27
2007/2008	0.00	0.00	0.35	0.25	3.50	3.10	8.28	4.45	1.00	0.00	1.58	0.00	22.51
2008/2009	0.00	0.00	0.00	0.00	2.25	5.85	0.65	5.61	0.35	1.00	0.00	0.00	15.71
2009/2010	0.00	0.00	0.00	0.20	0.75	5.00	8.60	5.00	0.90	3.40	0.10	0.02	23.97
2010/2011	0.00	0.00	0.08	3.10	1.95	9.75	1.10	4.95	3.05	0.64	1.05	0.05	25.72
2011/2012	0.00	0.50	0.10	1.00	3.05	1.30	1.60	2.10	3.30	3.90	0.35	0.00	17.20
2012/2013	0.00	0.50	0.60	2.15	0.30	4.40	2.25	0.66	2.00	0.15	0.50	0.00	13.51
2013-2014	0.00	0.00	0.00	1.59	0.10	0.95	0.50	0.65	3.90	0.30	0.20	0.00	8.19
2014-2015	0.00	0.60	0.80	0.00	1.00	5.40	0.65	1.15	1.55	1.56	1.35	0.55	14.61
2015-2016	2.10	0.08	1.50	0.70	1.20	3.70	5.50	0.07	2.40	1.40	0.85	0.00	19.50
2016-2017	0.00	0.00	1.80	0.00	2.25	5.85	8.95	8.10	0.25	0.00	2.00	0.00	29.20
2017-2018	0.05	0.10	0.01	0.00	0.00	0.00	3.50	0.85	3.50	0.00	0.45	0.00	8.46
2018-2019	0.00	0.00	0.00	1.60	2.90	1.90	4.75	9.75	2.10	0.60	3.50	0.25	27.35
Average/32	0.14	0.20	0.38	1.00	1.63	2.81	4.10	4.41	2.96	1.65	0.79	0.17	20.23

YUIMA MUNICIPAL WATER DISTRICT DELINQUENT ACCOUNTS LISTING

September 16, 2019

YUIMA		
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>
01-1052-05	312.81	Locked Off
01-1599-00	482.80	Arrangement
	<u>\$ 795.61</u>	

IDA		
<u>ACCOUNT NUMBER</u>	<u>PAST DUE AMOUNT</u>	<u>ACTION</u>
02-2984-09	154.27	Arrangement
02-4190-03	51.66	Notice
02-5330-09	886.67	Notice
	<u>\$ 154.27</u>	

LIENS FILED		

LIENS FILED / TRANSFERRED TO TAX ROLL		

V.
OTHER BUSINESS