

**RESOLUTION NO. 2020-68
RESOLUTION NO. PFA-03
ORDINANCE NO. 2020-01**

AGENDA

MISSION STATEMENT

"Our team is dedicated to protecting, enhancing, and developing our rich water resources to the highest beneficial use for Calaveras County, while maintaining cost-conscious, reliable service, and our quality of life, through responsible management."

Regular Board Meeting
Wednesday, October 14, 2020
1:00 p.m.

Calaveras County Water District
120 Toma Court, (PO Box 846)
San Andreas, California 95249

Based on guidance from the California Governor's Office, social distancing measures are imposed, Board chamber's capacity will be limited to 8 persons during public meetings. Social distancing and cloth facemasks are required.

The following alternatives are available to members of the public to watch these meetings and provide comments to the Board before and during the meeting:

[Join meeting](#)

Meeting number (access code):

Meeting password: CCWDOct2020 (22936282) from phones and video systems)

Or join by phone [+1-408-418-9388](tel:+14084189388) Meeting number (access code):

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Administration Office at 209-754-3028. Notification in advance of the meeting will enable CCWD to make reasonable arrangements to ensure accessibility to this meeting. Any documents that are made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure, and related to agenda items, will be made available at CCWD for review by the public.

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

- ROLL CALL**
- PUBLIC COMMENT**

BOARD OF DIRECTORS

Bertha Underhill, President Jeff Davidson, Vice President
Scott Ratterman, Director Cindy Secada, Director Russ Thomas, Director

At this time, members of the public may address the Board on any non-agendized item. The public is encouraged to work through staff to place items on the agenda for Board consideration. No action can be taken on matters not listed on the agenda. Comments are limited to three minutes per person.

3. CONSENT AGENDA

The following items are expected to be routine/non-controversial. Items will be acted upon by the Board at one time without discussion. Any Board member may request that any item be removed for later discussion.

- 3a Approval of Minutes for the Board Meeting of September 9 and September 23, 2020
- 3b Review Board of Directors Monthly Time Sheets for September 2020
- 3c Ratify Claim Summary #583 Secretarial Fund in the Amount of \$2,433,618.97 for September 2020
(Rebecca Callen, Director of Administrative Services) **RES 2020-_____**
- 3d Approval of Proposed November Board Meeting Schedule
(Michael Minkler, General Manager)
- 3e Report on the Monthly Investment Transactions for September 2020
(Rebecca Callen, Director of Administrative Services)
- 3f Approval of an Amendment to the FY 2020-21 Personnel Allocation
(Stacey Lollar, Human Resources Manager) **RES 2020-_____**

4. NEW BUSINESS

- 4a* Recognition of Bob Carter for his Service with CCWD
(Damon Wyckoff, Director of Operations) **RES 2020-_____**
- 4b Discussion/Direction regarding Engaging with Urban Futures, Inc (UFI) for Financial Advisory Services
(Rebecca Callen, Director of Administrative Services)
- 4c Discussion/Action to Authorize Sub-Leasing Warehouse Space from Habitat for Humanity
(Damon Wyckoff, Director of Operations)

5. OLD BUSINESS

- 5a Discussion/Direction regarding Proposal for Permanent Storage in New Melones Reservoir
(Brad Arnold, Manager of Water Resources)

6. REPORTS

- 6a Report on the September 2020 Operations Department
(Damon Wyckoff, Director of Operations)
- 6b* General Manager Report

7.* **BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS**

8. **NEXT BOARD MEETINGS**

- Wednesday, October 28, 1:00 p.m., Regular Board Meeting
- Wednesday, November 11, 2020, 1:00 p.m., Regular Board Meeting (**Pending change to November 18, 2020**)

9. **CLOSED SESSION**

9a Conference with Legal Counsel – Potential Litigation Government Code §54956.9(d)(4) – 1 case

9b Public Employee Performance Evaluation-Government Code §54957 General Manager

10. **REPORTABLE ACTION FROM CLOSED SESSION**

11. **ADJOURNMENT**



CALAVERAS COUNTY WATER DISTRICT

Board of Directors

District 1 Scott Ratterman
District 2 Cindy Secada
District 3 Bertha Underhill
District 4 Russ Thomas
District 5 Jeff Davidson

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

CCWD Committees

*Engineering Committee
*Finance Committee
*Legal Affairs Committee
Strategic Planning Consultant
Selection Committee (Ad Hoc)

Joint Power Authorities

ACWA / JPIA
CCWD Public Financing Authority
Calaveras-Amador Mokelumne River Authority (CAMRA)
Calaveras Public Power Agency (CPPA)
Eastern San Joaquin Groundwater Authority
Tuolumne-Stanislaus Integrated Regional Water
Management Joint Powers Authority (T-Stan JPA)
Upper Mokelumne River Watershed Authority (UMRWA)

Other Regional Organizations of Note

Calaveras LAFCO
Calaveras County Parks and Recreation
Committee
Highway 4 Corridor Working Group
Mountain Counties Water Resources
Association (MCWRA)
Mokelumne River Association (MRA)
Tuolumne-Stanislaus Integrated Regional Water
Mgt. JPA Watershed Advisory Committee (WAC)
Eastern San Joaquin Groundwater Authority-Technical
Advisory Committee

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Auditor

Richardson & Company, LLP

Membership**

Davidson / Thomas (alt. Secada)
Underhill / Secada (alt. Thomas)
Ratterman / Davidson (alt. Thomas)

Ratterman / Secada

Ratterman (alt. Michael Minkler)
All Board Members
Ratterman / Underhill (alt. Secada)
Michael Minkler (Alt. Brad Arnold)
Thomas
Secada (alt. Thomas)
Davidson (alt. Ratterman)

Ratterman / Thomas
Thomas (alt. Ratterman)

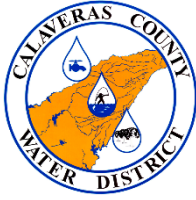
Thomas / Underhill
All Board Members

All Board Members
Brad Arnold

Brad Arnold

* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.

** The 1st name listed is the committee chairperson.



RESOLUTION NO. 2020-62
RESOLUTION NO. PFA-03
ORDINANCE NO. 2020-01

MINUTES

CALAVERAS COUNTY WATER DISTRICT REGULAR BOARD MEETING

September 9, 2020

Directors Present: Bertha Underhill, President
Jeff Davidson, Vice President
Scott Ratterman, Director
Cindy Secada, Director
Russ Thomas, Director

Staff Present: Michael Minkler, General Manager
Matt Weber, General Counsel
Rebecca Hitchcock, Clerk to the Board
Charles Palmer, District Engineer
Rebecca Callen, Director of Administrative Services
Damon Wyckoff, Director of Operations
Jesse Hampton, Plant Operations Manager
Pat Burkhardt, Construction and Maintenance Manager
Brad Arnold, Manager of Water Resources
Tiffany Burke, Administrative Technician-Senior

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

President Underhill called the Regular Board Meeting to order at 1:00 p.m. and led the pledge of allegiance.

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

**MOTION: Directors Ratterman/Davidson-Approved Consent Agenda Items:
3a and 3b as presented**

3a Approval of Minutes for the Board Meeting of August 12, 2020

3b Review Board of Directors Monthly Time Sheets for August, 2020

Director Secada pulled Item 3c from the Consent Agenda

3c Approval of Purchase of a 550 kw Standby Generator for the Ebbett's Pass Service Area
(Damon Wyckoff, Director of Operations)

Director Secada pulled Item 3d from the Consent Agenda

3d Approval of Declaration of Surplus Equipment
(Damon Wyckoff, Director of Operations)

RES 2020-_____

AYES: Directors Ratterman, Davidson, Thomas, Secada and Underhill

NOES: None

ABSTAIN: None

ABSENT: None

OFF CONSENT AGENDA

Director Secada pulled Item 3c from the Consent Agenda

3c Approval of Purchase of a 550 kw Standby Generator for the Ebbett's Pass Service Area
(Damon Wyckoff, Director of Operations)

MOTION: Directors Davidson/Secada-Approved Purchase of a 550 kw Standby Generator for the Ebbett's Pass Service Area

DISCUSSION: Director Secada asked about the cost of the generator. There was discussion on the plan moving forward for large equipment purchases. The District has a detailed list of generators including their status, which will help with replacement planning. Director Ratterman made recommendations on the presentation of this item. President Underhill inquired if the District had purchased from Central California Generator in the past.

PUBLIC COMMENT: There was no public comment.

AYES: Directors Davidson, Secada, Ratterman, Thomas, and Underhill

NOES: None

ABSTAIN: None

ABSENT: None

Director Secada pulled Item 3d from the Consent Agenda

3d Approval of Declaration of Surplus Equipment
(Damon Wyckoff, Director of Operations)

RES 2020-62

MOTION: Directors Ratterman/Secada-Approved the Declaration of Surplus Equipment

DISCUSSION: Director Secada would like to see an estimated value on the proposed surplus items. She would also like to know details on the surplus auction. Mr. Wyckoff reviewed estimates and auction information with the Board. Director Ratterman advised this information should be included in the staff report in the future. Direction was given to staff to offer the surplus items to local agencies prior to auctioning them off.

PUBLIC COMMENT: There was no public comment.

AYES: Directors Ratterman, Secada, Thomas, Davidson, and Underhill
NOES: None
ABSTAIN: None
ABSENT: None

4. NEW BUSINESS

- 4a Discussion and Update for the Districtwide Enterprise Resource Planning Project (Rebecca Callen, Director of Administrative Services)

DISCUSSION: Ms. Callen updated the Board on the status of the Enterprise Resource Planning (ERP) Project. A steering committee was formed, made up of staff and management from different departments to allow for productive discussions to identify opportunities and challenges, and implement necessary changes. This allowed the members to voice comments and concerns when determining the best software to choose for an ERP Solution for the District. After much debate, the Steering Committee determined Tyler Technologies would be the best fit for the needs of the District. The Committee will stay in place throughout the implementation of the financial management suite. There was additional discussion on the cost and timing of the project.

PUBLIC COMMENT: There was no public comment.

This item was for information only; no action was taken.

- 4b Update Regarding the Municode District Project (Rebecca Callen, Director of Administrative Services)

DISCUSSION: Ms. Callen updated the Board on the District Municode Project. The proposal included codification, supplementation (changes that occur after the initial implementation), and online code hosting services. Municode staff will assist the District with review of existing codes, identify which should be ordinance, versus which should be resolutions, ensure that they are free from internal conflicts and inconsistencies among other District documents, that they conform to the laws of the State of California, and are easily accessible in print and online to staff and citizens. Municode will also assist the District in creating a historical record of code changes to assist staff with version management. There was additional discussion on the cost and timing of the project.

PUBLIC COMMENT: There was no public comment.

This item was for information only; no action was taken.

RECESS was called at 2:25 p.m. **SESSION RESUMED** at 2:35 p.m.

4c Discussion/Action regarding Selection of Consultant to Develop 2020 Urban Water Management Plan Update
(Brad Arnold, Manager of Water Resources) **RES 2020-63**

MOTION: Directors Davidson/Thomas– Approving Selection of Consultant to Develop the 2020 Urban Water Management Plan Update

DISCUSSION: Mr. Arnold presented the proposals for the Urban Water Management Plan (UWMP). Staff developed a scoring matrix to detail criteria and rank the most-qualified consultants. Woodard and Curran received the highest score from staff’s evaluation and was selected as the recommended consultant for development of the 2020 UWMP update. Mr. Arnold answered questions from the Board.

PUBLIC COMMENT: There was no public comment.

AYES: Directors Davidson, Thomas, Ratterman, Secada, and Underhill
NOES: None
ABSTAIN: None
ABSENT: None

4d Discussion/Action regarding Acceptance of the Jenny Lind (Kirby, Gabor, and Garner) Service Lateral Replacement Project, CIP No. 11066G
(Bob Godwin, Senior Civil Engineer) **RES 2020-64**

MOTION: Directors Ratterman/Secada– Accepted the Jenny Lind (Kirby, Gabor, Garner) Service Line Replacement Project, CIP No.11066G, as constructed by T&S Intermodal Maintenance, Inc. dba T&S West, and directed a Notice of Completion to be recorded with the Calaveras County Recorder.

DISCUSSION: Mr. Godwin gave a presentation of the Jenny Lind (Kirby, Gabor, Garner) Service Lateral Replacement Project, CIP No. 11066G. T&S West has completed the construction project and he reviewed the total contract amount along with change order details. There was discussion about the project between staff and the Board.

PUBLIC COMMENT: There was no public comment.

AYES: Directors Ratterman, Secada, Davidson, Thomas, and Underhill
NOES: None
ABSTAIN: None
ABSENT: None

5. **OLD BUSINESS**

None

6. **REPORTS**

6a Report on the August 2020 Operations Department
(Damon Wyckoff, Director of Operations)

DISCUSSION: Mr. Wyckoff presented the August 2020 monthly Operations report. He reviewed items of interest and answered questions from the Board.

PUBLIC COMMENT: There was no public comment.

This item was for information only; no action was taken.

6b General Manager Report

DISCUSSION: Mr. Minkler reported on the following activities: 1) the current PG&E Public Safety Power Shutdown (PSPS); 2) The Northern California Power Agency (NCPA) tunnel outage scheduled for October; 3) the preliminary award from FEMA for replacement of the Hunters back up intake pumps; 4) the District's COVID-19 response; 5) the District has submitted a request for an increase in Section 219 funding and expect it to be increased. Letters of support were received from CV Developers, Supervisor Mills, Al Alt, Calaveras County CAO, Habitat for Humanity, Calaveras Counsel of Governments, Calaveras Chamber of Commerce, Amanda Folendorf, Supervisor Elect, Copper Valley CSD, and Joel Metzger, GM of Utica Power and Water Authority; 6) update on the Reach 1 Project; 7) fuel thinning projects and a potential Special Board Meeting in Arnold; 8) Amador Water Agency has hired their new GM; 9) the Eastern San Joaquin Groundwater Authority; 10) the District Strategic Planning will begin soon; and 11) he will be appearing on Calaveras Public Television this week.

7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Secada reported that she has a Tuolumne-Stanislaus Integrated Regional Water Management Joint Powers Authority (IRWM) meeting next week.

Director Thomas asked about the External Affairs Manager job posting and spoke of an article he read about the Mammoth Fire. He also reported the Calaveras County Planning Commission meeting is tomorrow.

Director Davidson reported he has been campaigning for re-election.

Director Ratterman had nothing to report.

Director Underhill reported she has no power at her home.

8. NEXT BOARD MEETINGS

- Wednesday, September 23, 2020, 1:00 p.m., Regular Board Meeting
- Wednesday, October 14, 2020, 1:00 p.m., Regular Board Meeting

The meeting adjourned into Closed Session at approximately 3:50 p.m. Those present were Board Members: Russ Thomas, Bertha Underhill, Cindy Secada, Jeff Davidson, and Scott Ratterman; staff members Michael Minkler, General Manager, Brad Arnold, Manager of Water Resources; and Matt Weber, General Counsel.

9. CLOSED SESSION

- 9a Conference with Legal Counsel – Potential Litigation Government Code §54956.9(b)(1) – 2 cases

10. REPORTABLE ACTION FROM CLOSED SESSION

The Board reconvened into Open Session at approximately 4:15 p.m. There was no reportable action.

11. ADJOURNMENT

With no further business, the meeting adjourned at 4:16 p.m.

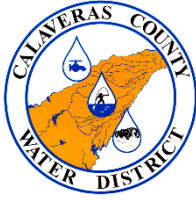
Respectfully Submitted:

ATTEST:

Michael Minkler
General Manager

Rebecca Hitchcock
Clerk to the Board

DRAFT



RESOLUTION NO. 2020-65
RESOLUTION NO. PFA-03
ORDINANCE NO. 2020-01

MINUTES

**CALAVERAS COUNTY WATER DISTRICT
REGULAR BOARD MEETING**

September 23, 2020

Directors Present: Bertha Underhill, President
Jeff Davidson, Vice President
Scott Ratterman, Director
Russ Thomas, Director

Directors Absent: Cindy Secada, Director

Staff Present: Michael Minkler, General Manager
Matt Weber, General Counsel-via teleconference
Rebecca Hitchcock, Clerk to the Board
Charles Palmer, District Engineer
Rebecca Callen, Director of Administrative Services
Damon Wyckoff, Director of Operations
Jesse Hampton, Plant Operations Manager-via teleconference
Pat Burkhardt, Construction and Maintenance Manager-via teleconference
Brad Arnold, Manager of Water Resources
Kate Jesus, Engineering Coordinator-via teleconference

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

President Underhill called the Regular Board Meeting to order at 1:01 p.m. and led the pledge of allegiance.

2. PUBLIC COMMENT

There was no public comment.

3. CONSENT AGENDA

**MOTION: Directors Ratterman/Davidson-Approved Consent Agenda Items:
3a and 3b as presented**

3a Ratify Claim Summary #582 Secretarial Fund in the Amount of \$3,978,228.65 for August 2020
(Rebecca Callen, Director of Administrative Services) **RES 2020-65**

3b Report on the Monthly Investment Transactions for August 2020
(Rebecca Callen, Director of Administrative Services)

AYES: Directors Ratterman, Davidson, Thomas, and Underhill
NOES: None
ABSTAIN: None
ABSENT: Director Secada

4. NEW BUSINESS

4a Amendment of Board of Directors Policy Handbook, Policy No. 5010–Board Meetings
(President Underhill) **RES 2020-66**

MOTION: Directors Davidson/Thomas–Approved the Amendment to the Board of Directors Policy Handbook, Policy No. 5010–Board Meetings

DISCUSSION: Director Underhill reviewed the reasons behind the meeting time switch to 9:00 a.m. during the winter months last year. She explained that she no longer thinks an early morning meeting is necessary and the Board meetings should remain at 1:00 p.m. all year round.

PUBLIC COMMENT: There was no public comment.

AYES: Directors Davidson, Thomas, Ratterman, and Underhill
NOES: None
ABSTAIN: None
ABSENT: Director Secada

4b Discussion/Action Regarding Agreement Between CCWD and UMRWA for the MAC Region IRWMP/West Point Water Supply Reliability Project
(Charles Palmer, District Engineer) **RES 2020-67**

MOTION: Directors Davidson/Ratterman–Approved the Agreement Between CCWD and UMRWA for the MAC Region IRWMP/West Point Water Supply Reliability Project

DISCUSSION: Mr. Palmer gave the background story on the project. He explained it is a redundancy project to add a second filtration system to the West Point Water Treatment Plant. Through the MAC Region, the State of California Department of Water Resources has agreed to enter into an agreement with the Upper Mokelumne River Watershed Authority (UMRWA) for a Proposition 1, Round 1 Integrated Regional Water Management (IRMW) Implementation Grant for the West Point Water Supply Reliability Project. The adopted FY 2020-21 budget includes funding of \$2 million in the CIP program over the current and next two fiscal years. The project is estimated to cost \$2 million and the Prop.1 Implementation Grant will cover approximately \$500,000 or 25% of the total cost. This Board item? would allow the General Manager to sign the agreement between CCWD and UMRWA for the grant. Mr. Palmer responded to questions from the Board regarding the project.

PUBLIC COMMENT:

Richard Sykes stated the UMRWA Board would consider the agreement at their October 23, 2020 meeting.

AYES: Directors Davidson, Ratterman, Thomas, and Underhill
NOES: None
ABSTAIN: None
ABSENT: Director Secada

5. OLD BUSINESS

There was no old business.

6. REPORTS

6a District Engineer Projects Update

DISCUSSION: Mr. Palmer reviewed the status of active construction projects at the District. There was discussion between Mr. Palmer and the Board regarding various projects.

PUBLIC COMMENT: There was no public comment.

This item was for information only; no action was taken.

6b General Manager Report

DISCUSSION: Mr. Minkler reported on the following activities: 1) the District has received preliminary approval from FEMA for the Hunters Reservoir Raw Water Pump; 2) the District has been notified of a potential PG&E Public Safety Power Shutdown (PSPS) this weekend; 3) there was a White Pines Park Committee meeting this past week and he stated there is a fantastic group of volunteers there who are doing a sweepstakes fundraiser to raise money for the park; 4) the Arnold Fuel Thinning Project is nearing completion but needs rain to fall before they will continue with any additional mastication of the trees; 5) he will be moderating the ACWA Region 3 virtual event: ACWA Economic Drivers of Sustainable Forest Management Matter for California's Headwaters on October 20th; 6) there is a Strategic Planning kick-off meeting scheduled for next month; 7) he attended an Eastside Groundwater Sustainability Agency meeting and anticipates receiving feedback on the draft Joint Powers Agreement that Brad Arnold drafted; 8) a new External Affairs Manager will start later in October and should be a fantastic addition to the team; and 9) the District met with Union Public Utility District (UPUD) last Friday to discuss the possibility of an intertie for a back-up supply to the UPUD distribution system. Utica Water and Power Authority (UWPA) received a grant for hazard mitigation and this project could be a good fit for the grant.

7. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Thomas is very happy to hear about the External Affairs Manager.

Director Davidson reported he has created a Facebook page for his campaign for re-election, which is Davidson2020. He will also be traveling on October 14.

Director Ratterman stated he already liked Davidson2020.

Director Underhill spoke about the States Suction Dredging Proposal.

8. NEXT BOARD MEETINGS

- Wednesday, September 23, 2020, 1:00 p.m., Regular Board Meeting
- Wednesday, October 14, 2020, 1:00 p.m., Regular Board Meeting

The meeting adjourned into Closed Session at approximately 2:07 p.m. Those present were Board Members: Russ Thomas, Bertha Underhill, Jeff Davidson, and Scott Ratterman; staff members Michael Minkler, General Manager, Brad Arnold, Manager of Water Resources (for item 9a); and Matt Weber, General Counsel, via teleconference.

9. CLOSED SESSION

- 9a Conference with Legal Counsel – Potential Litigation Government Code §54956.9(b)(1) – 1 case
- 9b Government Code section 54956.9(d)(1) (Pending adjudicatory proceeding before State Water Resources Control Board regarding District water rights).

10. REPORTABLE ACTION FROM CLOSED SESSION

The Board reconvened into Open Session at approximately 4:17 p.m. There was no reportable action.

11. ADJOURNMENT

With no further business, the meeting adjourned at 4:17 p.m.

Respectfully Submitted:

ATTEST:

Michael Minkler
General Manager

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: October 14, 2020
TO: Michael Minkler, General Manager
FROM: Rebecca Hitchcock, Clerk to the Board
SUBJECT: Review Board of Directors Time Sheets for September 2020

RECOMMENDED ACTION:

For information only.

SUMMARY:

Pursuant to direction from the Board of Directors, copies of the Board's monthly time sheets from which the Board is compensated from, are included in the monthly agenda package for information. Attached are copies of the Board's time sheets for the month of September 2020.

Board Members can be reimbursed for mileage cost to travel to meetings/conferences and are paid at the current IRS rate.

FINANCIAL CONSIDERATIONS:

Monthly compensation and mileage reimbursement costs are included in the FY 2020-21 budget.

Attachments: Board of Directors Time Sheets for September 2020

CALAVERAS COUNTY WATER DISTRICT
2020 DIRECTOR REIMBURSEMENT FORM

For Admin Use	Payroll Expense	<input checked="" type="radio"/>
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Month/Yr Sep-20
 Name Bertha Underhill

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
25-Aug	CSDA Virtual Meeting							\$120.00		0
9-Sep	CCWD Regular Board Meeting							\$120.00		64
21-Sep	White Pines Park Committee Meeting							\$0.00		0
22-Sep	CCWD Finance Committee Meeting							\$120.00		64
23-Sep	CCWD Regular Board Meeting							\$120.00		64
Total	<i>For Totals line, multiply miles by the IRS rate: 1/1/2020 \$0.575</i>								0	192
<i>Pursuant to Board Policy 4030, receipts required; report /materials required.</i>				Totals (use IRS mileage rate)				\$480.00	\$0.00	\$110.40

The undersigned, under penalty of perjury states: This claim and the items set forth herein are true and correct; that expenses incurred, meetings attended and business conducted are necessary to District affairs; that this claim is proper and within the scope of California Water Code Section 20200 et seq, and District Ordinance 2015-02; that the service was actually rendered; and that the amount(s) herein are justly true.

Signature of Claimant:
 Bertha Underhill

Administrative Review: *M. Miller*

Date: 9/24/20

Orig to Finance Dept.

**CALAVERAS COUNTY WATER DISTRICT
2020 DIRECTOR REIMBURSEMENT FORM**

For Admin Use	Payroll Expense	<input checked="" type="radio"/>
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Month/Yr Sep-20
Name Jeff Davidson

Activity Date	Meeting or Other Expense Description	Designated Rep.		Association List		Prior Approval		Cost		Total Miles
		Yes	No	Yes	No	Yes	No	Meeting	Expense	
1-Sep	CCWD Engineering Committee Meeting							\$120.00		28
9-Sep	CCWD Regular Board Meeting							\$120.00		28
23-Sep	CCWD Regular Board Meeting							\$120.00		28
Total	<i>For Totals line, multiply miles by the IRS rate:</i>		1/1/2020	\$0.575					0	84
<i>Pursuant to Board Policy 4030, receipts required; report /materials required.</i>					Totals (use IRS mileage rate)			\$360.00		\$48.30
<p>The undersigned, under penalty of perjury states: This claim and the items set forth herein are true and correct; that expenses incurred, meetings attended and business conducted are necessary to District affairs; that this claim is proper and within the scope of California Water Code Section 20200 et seq, and District Ordinance 2015-02; that the service was actually rendered; and that the amount(s) herein are justly true.</p>						<p>Signature of Claimant:</p> <p><i>Jeff Davidson</i></p>				
<p>Administrative Review: <u><i>[Signature]</i></u></p>						<p>Date: <u><i>9/24/20</i></u></p>			<p>Orig to Finance Dept.</p>	

Calaveras County Water District
Claim Summary #583
September 1-30, 2020 -vs- August 1-31, 2020

	August 2020	September 2020
CCWD Operating Expenditures	\$ 1,917,925.67	\$ 787,615.05
Expenditures to be reimbursed/Fiduciary Payments	243,698.54	24,072.24
Capital R&R Projects	1,252,187.67	1,130,692.48
Capital Outlay	97,286.41	-
Sub-Total Vendor Payments	3,511,098.29	1,942,379.77
Payroll Disbursed	317,023.93	337,570.54
Other Payroll Related Costs	150,106.43	153,668.66
Total Disbursements	\$ 3,978,228.65	\$ 2,433,618.97

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
A T & T	Phone 08/20 - SA Shop	9/30/2020	EFT	72.99	
A T & T	Phone 08/20 - SA Shop	9/30/2020	EFT	41.06	
A T & T CALNET 3	Phone 08/20 - Camp Connell Radio Tower	9/30/2020	EFT	211.80	
A T & T CALNET3	Phone 08/20 - OP HQ Back Up	9/30/2020	EFT	156.25	
A T & T CALNET3	Phone 08/20 - T Line	9/30/2020	EFT	120.22	
A T & T CALNET3	Phone 08/20 - Dorrington P/S	9/30/2020	EFT	22.02	
A T & T CALNET3	Phone 08/20 - District Wide	9/30/2020	EFT	839.94	
A T & T CALNET3	Phone 08/20 - JLTC	9/30/2020	EFT	80.79	
A T & T CALNET3	Phone 08/20 - OP HQ Long Distance	9/30/2020	EFT	337.95	
A T & T CALNET3	Phone 08/20 - Hunters	9/30/2020	EFT	22.15	
A T & T CALNET3	Phone 08/20 - CCWHSE	9/30/2020	EFT	0.42	
A T & T CALNET3	Phone/Fax 08/20 - JLTC	9/30/2020	EFT	14.11	
A T & T CALNET3	Phone 08/20 - OP HQ Back Up	9/30/2020	EFT	57.79	
A T & T CALNET3	Phone 08/20 - T Line	9/30/2020	EFT	44.46	
A T & T CALNET3	Phone 08/20 - District Wide	9/30/2020	EFT	472.46	
A T & T CALNET3	Phone 08/20 - JLTC	9/30/2020	EFT	29.88	
A T & T CALNET3	Phone 08/20 - OP HQ Long Distance	9/30/2020	EFT	125.00	
A T & T CALNET3	Phone 08/20 - Azalea L/S	9/30/2020	EFT	20.39	
A T & T CALNET3	Phone/Fax 08/20 - JLTC	9/30/2020	EFT	7.93	
A TEEM ELECTRICAL ENG INC	Electrical Construction Services - Wallace WWTP	9/11/2020	136161	3,840.00	80244
A TEEM ELECTRICAL ENG INC	Electrical Construction Services - Wallace WWTP	9/11/2020	136161	3,920.00	80244
A TEEM ELECTRICAL ENG INC	Electrical Construction Services - Wallace	9/11/2020	136161	760.00	80244
A TEEM ELECTRICAL ENG INC	Electrical Construction Services - Wallace WWTP	9/11/2020	136161	1,360.00	80244
A TEEM ELECTRICAL ENG INC	SCADA System Maintenance - Hunters WTP	9/23/2020	136237	2,400.00	81218
A-1 LAND MANAGEMENT INC	Tree Trimming - EP LS 3	9/16/2020	136197	585.00	83179
A-1 SHARPENING & SMALL ENGINE REPAIR, LLC	Mower Service & Repair - Southworth WWTP TR-001	9/16/2020	136198	533.70	82717
ACE ARMATURE & MOTOR SHOP, INC.	Pump Inspection - LCWTP	9/11/2020	136162	643.50	83169
ACE ARMATURE & MOTOR SHOP, INC.	Credit	9/11/2020	136162	(15.29)	83169
ACE ARMATURE & MOTOR SHOP, INC.	Credit	9/11/2020	136162	(14.32)	83169
ACWA	Manager of Water Resources Recruitment Ad	9/2/2020	136111	400.00	
ACWA	Manager of Water Resources Recruitment Ad	9/2/2020	136111	225.00	
ACWA/JPIA	(63) Dental 10/20	9/23/2020	136238	4,563.35	
ACWA/JPIA	(63) Vision 10/20	9/23/2020	136238	948.42	
ACWA/JPIA	EAP 10/20	9/23/2020	136238	130.58	

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ACWA/JPIA	(63) Dental 10/20	9/23/2020	136238	1,687.81	
ACWA/JPIA	(63) Vision 10/20	9/23/2020	136238	350.78	
ACWA/JPIA	EAP 10/20	9/23/2020	136238	41.61	
ADP INC	Payroll Processing 08/31 & 09/15	9/23/2020	136239	923.24	
ADP INC	Payroll Processing 08/31 & 09/15	9/23/2020	136239	341.47	
ALDERSON FENCING	Fencing - Wilseyville Pump Station	9/11/2020	136164	1,575.00	83167
AL'S TIRE SERVICE	Tires - V 143	9/23/2020	136240	894.08	82216
AL'S TIRE SERVICE	Tires - V 132	9/23/2020	136240	469.16	83103
ANGELS HEATING AND AIR CONDITIONING	Refrigerant - Copper Reclaim	9/2/2020	136112	7.95	82764
ARNOLD AUTO SUPPLY	Flap Wheels - V 143	9/16/2020	136199	12.85	82551
ARNOLD AUTO SUPPLY	Digital Multimeter - Construction Crew	9/16/2020	136199	48.25	82551
ARNOLD AUTO SUPPLY	Torque Wrench, Sockets - Construction Crew	9/16/2020	136199	484.74	82551
ARNOLD AUTO SUPPLY	Oil, Coolant, Brake Fluid - V 717	9/16/2020	136199	34.26	82551
ARNOLD AUTO SUPPLY	DEF - V 135	9/16/2020	136199	15.01	82551
ARNOLD AUTO SUPPLY	Truck Light - V 519	9/16/2020	136199	9.64	82551
ARNOLD AUTO SUPPLY	Tail Light, Mirror, Battery - E-01	9/16/2020	136199	183.49	82551
ARNOLD AUTO SUPPLY	Towels, Washer Fluid - V 734	9/16/2020	136199	12.84	82551
ARNOLD AUTO SUPPLY	Tape, Push Buttons - Hunters WTP	9/16/2020	136199	9.12	82551
ARNOLD AUTO SUPPLY	Oil Filter, Oil - V 130	9/16/2020	136199	26.40	82551
ARNOLD AUTO SUPPLY	Air Filter - V 529	9/16/2020	136199	24.86	82551
ARNOLD AUTO SUPPLY	Bolt - Collections Crew	9/16/2020	136199	4.28	82551
AUTOSMITH AUTO BODY	JPIA Claim - Vehicle Damage Repair V 721	9/2/2020	136113	3,093.87	
BIG VALLEY FORD LINCOLN MERCURY	Relay - V 533	9/23/2020	136241	20.13	83104
BIG VALLEY FORD LINCOLN MERCURY	Direction Indicator Switch - V 538	9/23/2020	136241	69.18	83104
BIG VALLEY FORD LINCOLN MERCURY	Relay - V 533	9/23/2020	136241	20.13	83104
BNN, LLC	CPUD (Water) 780 Industrial Way 08/20	9/16/2020	136200	74.95	
BNN, LLC	SASD (Sewer) 780 Industrial Way 08/20	9/16/2020	136200	122.40	
BNN, LLC	Units A & B 780 Industrial Way 10/20	9/16/2020	136200	1,920.00	
BNN, LLC	CPUD (Water) 780 Industrial Way 08/20	9/16/2020	136200	42.19	
BNN, LLC	SASD (Sewer) 780 Industrial Way 08/20	9/16/2020	136200	68.86	
BNN, LLC	Units A & B 780 Industrial Way 10/20	9/16/2020	136200	1,080.00	
CABRAL	Transmission - V 130	9/23/2020	136242	5,118.06	83105
CALAVERAS AUTO SUPPLY	Lubricant, Hand Soap - V 608	9/23/2020	136243	10.63	83206
CALAVERAS AUTO SUPPLY	Shop Towels - SA Shop	9/23/2020	136243	5.75	83206

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CALAVERAS AUTO SUPPLY	Lubricant, Cleaner, Shop Towels - SA Shop	9/23/2020	136243	34.22	83206
CALAVERAS AUTO SUPPLY	Hoses, Antifreeze - V 128	9/23/2020	136243	187.94	83206
CALAVERAS AUTO SUPPLY	Pipe Tap, DEF - V 128	9/23/2020	136243	32.57	83206
CALAVERAS AUTO SUPPLY	Valve Core - V 723	9/23/2020	136243	10.70	83206
CALAVERAS AUTO SUPPLY	Ball Joints - V 132	9/23/2020	136243	257.36	83206
CALAVERAS AUTO SUPPLY	Battery - V 132	9/23/2020	136243	298.70	83206
CALAVERAS AUTO SUPPLY	Battery Core Credit - V 132	9/23/2020	136243	(36.00)	83206
CALAVERAS AUTO SUPPLY	Rotors, Brake Pads, V-Belt - V 150	9/23/2020	136243	297.13	83206
CALAVERAS AUTO SUPPLY	Rotors - V 529	9/23/2020	136243	81.81	83206
CALAVERAS AUTO SUPPLY	Wiper Blades - V 538	9/23/2020	136243	54.03	83206
CALAVERAS AUTO SUPPLY	Wheel Bearing, Hubs - V 533	9/23/2020	136243	156.23	83206
CALAVERAS AUTO SUPPLY	Rotors - V 533	9/23/2020	136243	104.51	83206
CALAVERAS AUTO SUPPLY	Brake Sensor - V 533	9/23/2020	136243	23.16	83206
CALAVERAS AUTO SUPPLY	Batteries - V 612	9/23/2020	136243	280.70	83054
CALAVERAS AUTO SUPPLY	Water Pump, Thermostat, Cap, Rotor, Spark Plugs - Propane Genera	9/23/2020	136243	186.23	83206
CALAVERAS AUTO SUPPLY	V-Belts - Propane Generator	9/23/2020	136243	25.25	83206
CALAVERAS AUTO SUPPLY	Thermostat Exchange - Propane Generator	9/23/2020	136243	(5.63)	83206
CALAVERAS AUTO SUPPLY	Water Pump, Belts, Thermostat, Cap, Rotor, Spark Plugs - Wallace	9/23/2020	136243	210.23	83206
CALAVERAS AUTO SUPPLY	Filter, Bulb - V 533	9/23/2020	136243	55.87	83206
CALAVERAS AUTO SUPPLY	Gasket Set, Adhesive, Antifreeze - Wallace WWTP	9/23/2020	136243	101.46	83206
CALAVERAS AUTO SUPPLY	Water Pump, Thermostat, Cap, Rotor, Spark Plugs - Propane Genera	9/23/2020	136243	104.76	83206
CALAVERAS AUTO SUPPLY	V-Belts - Propane Generator	9/23/2020	136243	14.20	83206
CALAVERAS AUTO SUPPLY	Thermostat Exchange - Propane Generator	9/23/2020	136243	(3.16)	83206
CALAVERAS AUTO SUPPLY	Fuel Filter, Battery - CC SC LS 2	9/23/2020	136243	150.56	83206
CALAVERAS AUTO SUPPLY	Hoses - CC SC LS 2	9/23/2020	136243	16.13	83206
CALAVERAS FIRST COMPANY INC	Recruitment Ads - Acct II	9/2/2020	136114	48.54	
CALAVERAS FIRST COMPANY INC	Recruitment Ads - Acct II	9/2/2020	136114	27.30	
CALAVERAS LUMBER CO INC	Bolts, Grounding Bars, Nutsetters - V 720	9/23/2020	136244	57.59	83738
CALAVERAS LUMBER CO INC	Supplies - Cal Fire	9/23/2020	136244	889.63	83738
CALAVERAS LUMBER CO INC	Bolts - Electricians	9/23/2020	136244	25.77	83738
CALAVERAS LUMBER CO INC	Ratchets - Construction Crew	9/23/2020	136244	21.44	83738
CALAVERAS LUMBER CO INC	Finance Charge	9/23/2020	136244	16.66	83738
CALAVERAS LUMBER CO INC	Paint - OP HQ	9/23/2020	136244	32.23	83738
CALAVERAS LUMBER CO INC	Paint - OP HQ	9/23/2020	136244	32.23	83738

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CALAVERAS LUMBER CO INC	Plywood - CC Sawmill PRV	9/23/2020	136244	369.74	83738
CALAVERAS LUMBER CO INC	Paint - OP HQ	9/23/2020	136244	18.13	83738
CALAVERAS LUMBER CO INC	Paint - OP HQ	9/23/2020	136244	18.13	83738
CALAVERAS LUMBER CO INC	Staples, Nozzle, Hoses, Cap, Washer - FMWWTP	9/23/2020	136244	81.85	83738
CALAVERAS LUMBER CO INC	Keys, Padlocks, Garbage Bags, Brush, Cap - FMWWTP	9/23/2020	136244	39.80	83738
CALAVERAS LUMBER CO INC	Bar Scabbard, File - FMWWTP	9/23/2020	136244	8.60	83738
CALAVERAS LUMBER CO INC	Pressure Washer - CCRCP	9/23/2020	136244	193.90	83738
CALAVERAS LUMBER CO INC	Screwdriver Set, Multi Driver - DF VCTO	9/23/2020	136244	61.08	83738
CALAVERAS LUMBER CO INC	Muriatic Acid - FMWWTP	9/23/2020	136244	71.26	83738
CALAVERAS LUMBER CO INC	Chainsaw Repair - FMWWTP	9/23/2020	136244	22.50	83738
CALIFORNIA HIGH REACH & EQUIPMENT RENTALS INC	Boom Lift Rental - LS 12 CC	9/2/2020	136115	380.08	83094
CALIFORNIA TEES	New Shirts - Office	9/23/2020	136245	1,219.92	93467
CALIFORNIA TEES	New Shirts - Field	9/23/2020	136245	3,093.15	93467
CALIFORNIA TEES	New Shirts - Office	9/23/2020	136245	451.21	93467
CALIFORNIA TEES	New Shirts - Field	9/23/2020	136245	1,739.90	93467
CALPERS - RETIREMENT	Retirement Disb 08/31/20 Payroll	9/4/2020	EFT	31,043.02	
CALPERS - RETIREMENT	Retirement Disb 09/15/20 Payroll	9/16/2020	EFT	31,103.56	
CALPERS - RETIREMENT	Retirement Disb 08/31/20 Payroll	9/4/2020	EFT	(0.01)	
CALPERS - RETIREMENT	Retirement Disb 09/15/20 Payroll-true up funds	9/16/2020	EFT	(0.01)	
CALPERS - RETIREMENT	Fees for GASB-68 Reports and Schedules	9/16/2020	EFT	766.50	
CALPERS - RETIREMENT	Retirement Disb 08/31/20 Payroll	9/4/2020	EFT	14,503.28	
CALPERS - RETIREMENT	Retirement Disb 09/15/20 Payroll	9/16/2020	EFT	14,628.24	
CALPERS - RETIREMENT	Fees for GASB-68 Reports and Schedules	9/16/2020	EFT	283.50	
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 08/31/20 Payroll	9/4/2020	EFT	672.05	
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 09/15/20 Payroll	9/16/2020	EFT	681.49	
CALPERS (Def Comp)	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	2,722.72	
CALPERS (Def Comp)	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	2,230.52	
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 08/31/20 Payroll	9/4/2020	EFT	285.00	
CALPERS (Def Comp)	Deferred Comp Loan Repay Disb 09/15/20 Payroll	9/16/2020	EFT	275.56	
CALPERS (Def Comp)	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	1,706.72	
CALPERS (Def Comp)	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	1,840.67	
CALPERS (Health Ins)	Health Ins, Employees (61) 09/20	9/7/2020	EFT	76,881.62	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	111.55	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	15.22	

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CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	19.68	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	20.44	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	4.55	
CALPERS (Health Ins)	Health Ins, Employees (61) 09/20	9/7/2020	EFT	28,435.67	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	59.95	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	5.63	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	6.50	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	7.56	
CALPERS (Health Ins)	Health Ins Adm Fee 09/20	9/7/2020	EFT	1.68	
CAMPORA	Propane Acct#75516 Wallace 08/20	9/23/2020	136246	12.32	
CAMPORA	Propane Acct#118051 549.70 Sandy Gulch WPWWTP	9/23/2020	136246	549.70	
CARBON COPY INC	Copies, Copier Maintenance 08/20	9/16/2020	136201	13.24	
CARBON COPY INC	Copies, Copier Maintenance 08/20	9/16/2020	136201	40.73	
CARBON COPY INC	Copies, Copier Maintenance 08/20	9/16/2020	136201	7.44	
CARBON COPY INC	Copies, Copier Maintenance 08/20	9/16/2020	136201	22.91	
CARD SERVICES 3971	Flag - OPS HQ	9/22/2020	EFT	(41.59)	83189
CARD SERVICES 3971	Flag - OPS HQ	9/22/2020	EFT	(35.22)	83189
CARD SERVICES 3971	Flag - OPS HQ	9/22/2020	EFT	41.59	83189
CARD SERVICES 3971	Flag - OPS HQ	9/22/2020	EFT	35.22	83189
CARD SERVICES 3971	Face Mask, Sanitizer, Safety Shields - District Use	9/22/2020	EFT	449.52	82929
CARD SERVICES 3971	Mask - District Use	9/22/2020	EFT	(74.96)	83189
CARD SERVICES 3971	Mask - District Use	9/22/2020	EFT	(374.80)	83189
CARD SERVICES 3971	Supervisor Training Study Materials - Roeder	9/22/2020	EFT	199.00	
CARD SERVICES 3971	Paper - OP HQ	9/22/2020	EFT	(2.09)	
CARD SERVICES 3971	Door Hangers	9/22/2020	EFT	(22.82)	96472
CARD SERVICES 3971	Earthlink Email Back Up 08/20	9/22/2020	EFT	30.90	
CARD SERVICES 3971	Cal Waste 05-21870-0 OP HQ 08/20	9/22/2020	EFT	148.20	
CARD SERVICES 3971	Cal Waste 05-043758-7 White Pines Lake 08/20	9/22/2020	EFT	104.23	
CARD SERVICES 3971	Cal Waste 05-015442-0 EP Barn 08/20	9/22/2020	EFT	78.16	
CARD SERVICES 3971	Cal Waste 05-43516-9 SA Shop 08/20	9/22/2020	EFT	77.84	
CARD SERVICES 3971	Surface Pro Glass	9/22/2020	EFT	23.04	96472
CARD SERVICES 3971	Mail Box	9/22/2020	EFT	678.85	96472
CARD SERVICES 3971	Cal.Net 23506 Wallace 08.20	9/22/2020	EFT	37.07	
CARD SERVICES 3971	Volcano 2092937191 Scada/Phone WPWTP 08/20	9/22/2020	EFT	287.95	

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CARD SERVICES 3971	Volcano 2092934139 Fax WPWTP 08/20	9/22/2020	EFT	53.78	
CARD SERVICES 3971	Volcano 2092931357 Phone WPWTP 08/20	9/22/2020	EFT	53.78	
CARD SERVICES 3971	AT&T 23584106903335 Leased Lines 08/20	9/22/2020	EFT	66.08	
CARD SERVICES 3971	Comcast 8155600640293521 JLTC 08/20	9/22/2020	EFT	109.69	
CARD SERVICES 3971	AT&T 829405287 Sheep Ranch 08/20	9/22/2020	EFT	83.44	
CARD SERVICES 3971	Comcast 8155600640105162 JLWTP 08/20	9/22/2020	EFT	108.08	
CARD SERVICES 3971	CalTel Phone Line 08/20	9/22/2020	EFT	937.69	
CARD SERVICES 3971	Comcast 815560060115088 JLTC 08/20	9/22/2020	EFT	109.69	
CARD SERVICES 3971	Comcast 8155600640426741 JLWTP 09/20	9/22/2020	EFT	154.69	
CARD SERVICES 3971	Verizon 642064068-0001 District Cell Phones 08/20	9/22/2020	EFT	2,377.00	
CARD SERVICES 3971	Cal Waste 05-0004576-0 JLWTP 08/20	9/22/2020	EFT	154.32	
CARD SERVICES 3971	Cal Waste 05-0017478-0 Hunters 08/20	9/22/2020	EFT	76.16	
CARD SERVICES 3971	Breaker - Solar 602 Tank	9/22/2020	EFT	(54.85)	83189
CARD SERVICES 3971	Flow Control Valve - CCWTP	9/22/2020	EFT	50.62	83190
CARD SERVICES 3971	Alhambra 2765848494246 JLWTP 08/20	9/22/2020	EFT	18.95	
CARD SERVICES 3971	Flocculator - JLWTP	9/22/2020	EFT	1,835.07	82916
CARD SERVICES 3971	Mixer - JL Pretreatment	9/22/2020	EFT	2,063.78	83191
CARD SERVICES 3971	Lock Install - JLWTP Pre-treatment	9/22/2020	EFT	103.00	83051
CARD SERVICES 3971	Ameripride 110003893 SA Shop 08/20	9/22/2020	EFT	191.14	
CARD SERVICES 3971	Ameripride 110002012 Copper 08/20	9/22/2020	EFT	122.08	
CARD SERVICES 3971	Ameripride 110002009 District Wide 08/20	9/22/2020	EFT	1,262.18	
CARD SERVICES 3971	Operations Study Materials - Skrbina	9/22/2020	EFT	50.00	
CARD SERVICES 3971	Legal Writing Webinar - Wyckoff	9/22/2020	EFT	543.36	
CARD SERVICES 3971	Paper - OP HQ	9/22/2020	EFT	30.86	
CARD SERVICES 3971	Microsoft Subscription - HR	9/22/2020	EFT	4.48	96472
CARD SERVICES 3971	Conference Call Service - GM	9/22/2020	EFT	7.09	
CARD SERVICES 3971	ACWA Virtual Conference - Minkler	9/22/2020	EFT	224.00	
CARD SERVICES 3971	Managing Employees Training Webinar	9/22/2020	EFT	96.00	
CARD SERVICES 3971	Recording Termination of Service - 041299-000	9/22/2020	EFT	15.04	
CARD SERVICES 3971	Net Uptime Monitor License - IT	9/22/2020	EFT	7.27	
CARD SERVICES 3971	Rack Space Hosted Email 08/20	9/22/2020	EFT	512.46	
CARD SERVICES 3971	Mail Chimp 08/20	9/22/2020	EFT	17.99	
CARD SERVICES 3971	Door Hangers	9/22/2020	EFT	337.47	96472
CARD SERVICES 3971	Paper - OP HQ	9/22/2020	EFT	(1.17)	

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Vendor	Description	Ck Date	Check No	Amount	PO No
CARD SERVICES 3971	Door Hangers	9/22/2020	EFT	(12.83)	96472
CARD SERVICES 3971	Cal Waste 05-21870-0 OP HQ 08/20	9/22/2020	EFT	83.35	
CARD SERVICES 3971	Cal Waste 05-004575-0 LCWWTP 08/20	9/22/2020	EFT	139.68	
CARD SERVICES 3971	Cal Waste 05-22278-0 CCWTP 08/20	9/22/2020	EFT	154.32	
CARD SERVICES 3971	Cal Waste 05-017928-0 FMWWTP 08/20	9/22/2020	EFT	76.16	
CARD SERVICES 3971	Cal Waste 05-43516-9 SA Shop 08/20	9/22/2020	EFT	43.78	
CARD SERVICES 3971	Surface Pro Glass	9/22/2020	EFT	12.96	96472
CARD SERVICES 3971	Mail Box	9/22/2020	EFT	381.84	96472
CARD SERVICES 3971	UPUD 005202-000 DF VCTO 08/20	9/22/2020	EFT	67.00	
CARD SERVICES 3971	UPUD 005202-001 Vallecito 08/20	9/22/2020	EFT	67.00	
CARD SERVICES 3971	UPUD 005202-002 Six Mile Village 08/20	9/22/2020	EFT	67.00	
CARD SERVICES 3971	City of Angels Camp 005422-000 08/20 Six Mile Village	9/22/2020	EFT	3,465.75	
CARD SERVICES 3971	Cal.Net 23506 Wallace 08/20	9/22/2020	EFT	20.85	
CARD SERVICES 3971	Volcano 2092931433 Phone WPWWTP 08/20	9/22/2020	EFT	164.15	
CARD SERVICES 3971	CalTel Phone LIne 08/20	9/22/2020	EFT	527.45	
CARD SERVICES 3971	AT&T 129469186 LC Internet Service 08/20	9/22/2020	EFT	53.50	
CARD SERVICES 3971	Comcast 8155600640236066 DF VCTO 08/20	9/22/2020	EFT	114.69	
CARD SERVICES 3971	Verizon 642064068-0001 District Cell Phones 08/20	9/22/2020	EFT	1,337.06	
CARD SERVICES 3971	Cal Waste 05-0006195-0 Wilseyville 08/20	9/22/2020	EFT	76.16	
CARD SERVICES 3971	Cal Waste 05-0017066-0 AWWTP 08/20	9/22/2020	EFT	76.16	
CARD SERVICES 3971	Cal Waste 05-0017479-0 DF VCTO 08/20	9/22/2020	EFT	154.32	
CARD SERVICES 3971	Alhambra 27658486819590 LCWWTP 08/20	9/22/2020	EFT	14.05	
CARD SERVICES 3971	Breakers - Transfer Switches	9/22/2020	EFT	62.67	83190
CARD SERVICES 3971	Breakers - Transfer Switches	9/22/2020	EFT	106.11	83190
CARD SERVICES 3971	Coupling - Copper Reclaim	9/22/2020	EFT	72.68	83190
CARD SERVICES 3971	HVAC - LS 22	9/22/2020	EFT	150.00	82926
CARD SERVICES 3971	Motor, Capacitor - VWWTP	9/22/2020	EFT	1,303.09	83189
CARD SERVICES 3971	Ameripride 110003893 SA Shop 08/20	9/22/2020	EFT	107.51	
CARD SERVICES 3971	Ameripride 110002012 Copper 08/20	9/22/2020	EFT	68.67	
CARD SERVICES 3971	Ameripride 110002009 District Wide 08/20	9/22/2020	EFT	709.97	
CARD SERVICES 3971	Legal Writing Webinar - Wyckoff	9/22/2020	EFT	305.64	
CARD SERVICES 3971	Paper - OP HQ	9/22/2020	EFT	17.36	
CARD SERVICES 3971	Microsoft Subscription - HR	9/22/2020	EFT	2.51	96472
CARD SERVICES 3971	Conference Call Service - GM	9/22/2020	EFT	3.98	

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Vendor	Description	Ck Date	Check No	Amount	PO No
CARD SERVICES 3971	ACWA Virtual Conference - Minkler	9/22/2020	EFT	126.00	
CARD SERVICES 3971	Managing Employees Training Webinar	9/22/2020	EFT	54.00	
CARD SERVICES 3971	Recording Termination of Service - Campbell 041299-000	9/22/2020	EFT	8.46	
CARD SERVICES 3971	Net Uptime Monitor License - IT	9/22/2020	EFT	2.68	
CARD SERVICES 3971	Rack Space Hosted Email 08/20	9/22/2020	EFT	288.26	
CARD SERVICES 3971	Door Hangers	9/22/2020	EFT	189.82	96472
CARSON HILL ROCK PRODUCTS	3/4 Class II AB - WP Valentine Hill	9/2/2020	136116	1,300.95	83158
CARSON HILL ROCK PRODUCTS	3/4 Class II AB - Valentine Hill	9/2/2020	136116	1,949.34	82755
CARSON HILL ROCK PRODUCTS	3/4 Class II AB - WP Valentine Hill	9/23/2020	136247	652.57	83739
CB MERCHANT SERVICES	UB Refund 107 Mill Creek Circle	9/2/2020	136117	38.68	
CB MERCHANT SERVICES	UB Refund 107 Mill Creek Circle	9/2/2020	136117	57.01	
CDK SUPPLY	Strut Clamps - Southworth Elizabeth Ct	9/23/2020	136248	10.99	83106
CDK SUPPLY	Nylon Cable - Six Mile LS	9/23/2020	136248	54.50	83106
CDW GOVERNMENT INC	Cradlepoint NetCloud Monitoring - 4 Units -> 5/3/21	9/2/2020	136118	283.97	
CDW GOVERNMENT INC	Cradlepoint NetCloud Monitoring - 4 Units -> 5/3/21	9/2/2020	136118	105.03	
CED CREDIT	Wire, Connectors - WP Regulator	9/2/2020	136119	869.08	81193
CENTRAL CALIFORNIA GENERATOR	Radiator Hoses - Propane Generator	9/23/2020	136249	51.80	83107
CENTRAL CALIFORNIA GENERATOR	Generator Repair, Load Bank, Cables - CC B Tank	9/23/2020	136249	1,048.00	83107
CENTRAL CALIFORNIA GENERATOR	Radiator Hoses - Propane Generator	9/23/2020	136249	29.14	83107
CENTRAL VALLEY HARDWARE CO	(24) Long Locks - District Use	9/2/2020	136120	341.49	83153
CLARK PEST CONTROL	Pest Control Location #807549 JLWTP 08/20	9/23/2020	136250	64.00	
CLARK PEST CONTROL	Pest Control Location #807549 JLWTP 09/20	9/23/2020	136250	64.00	
CLARK PEST CONTROL	Pest Control Location #730179 CCWTP 09/20	9/23/2020	136250	94.00	
CLARK PEST CONTROL	Pest Control Location #1297711 WPWTP 09/20	9/23/2020	136250	108.00	
CLARK PEST CONTROL	Pest Control Location # 807360 LCWHSE	9/16/2020	136202	85.00	
CLARK PEST CONTROL	Pest Control Location # 807360 LCWHSE	9/16/2020	136202	85.00	
CLARK PEST CONTROL	Pest Control Location # 807402 LCWWTP	9/16/2020	136202	66.00	
CLARK PEST CONTROL	Pest Control Location # 807402 LCWWTP	9/16/2020	136202	66.00	
CLARK PEST CONTROL	Pest Control Location #807360 LCWHSE 09/20	9/23/2020	136250	85.00	
CLARK PEST CONTROL	Pest Control Location #1365831 AWWTP 09/20	9/23/2020	136250	89.00	
CLARK PEST CONTROL	Pest Control Location #1768120 WPWWTP 09/20	9/23/2020	136250	132.00	
CLARK PEST CONTROL	Pest Control Location #190086855 FMWWTP 09/02	9/23/2020	136250	89.00	
COLUMBIA COMMUNICATIONS	Coax Ends, Crimp Connectors - Electrical Stock	9/23/2020	136251	362.88	81217
COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 09/20	9/16/2020	136203	499.20	

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COLUMBIA COMMUNICATIONS	Coax Ends, Crimp Connectors - Electrical Stock	9/23/2020	136251	134.21	81217
COLUMBIA COMMUNICATIONS	Vehicle Cloud Service 09/20	9/16/2020	136203	280.80	
CONDOR EARTH TECHNOLOGIES INC	Materials Testing and Inspection Services - 07/20 Techite Line	9/2/2020	136121	2,107.75	79035
CONDOR EARTH TECHNOLOGIES INC	Materials Testing and Inspection - JL Service Line 06/20	9/2/2020	136121	579.50	78598
CONDOR EARTH TECHNOLOGIES INC	Materials Testing & Inspection Services - Reach 1 008/20	9/11/2020	136166	1,597.75	78581
CONDOR EARTH TECHNOLOGIES INC	Compaction Testing - Copper 07/20	9/2/2020	136121	426.00	82757
CONDOR EARTH TECHNOLOGIES INC	Compaction Testing - CC Leak Repairs 08/20	9/23/2020	136252	276.00	81302
CONDOR EARTH TECHNOLOGIES INC	CCWD Sustainable Groundwater Management Act (SGMA) 04/20	9/2/2020	136121	51.25	
CPG-OFG COPPEROPOLIS, LLC	UB Refund 399 Copper Crest Drive	9/2/2020	136122	118.94	
CPG-OFG COPPEROPOLIS, LLC	UB Refund 399 Copper Crest Drive	9/2/2020	136122	183.25	
CPPA	Power 08/20 District Wide	9/16/2020	136204	63,575.62	
CPPA	Power 08/20 District Wide	9/16/2020	136204	35,761.28	
CPUD	Water Service 08/20 - OP HQ	9/30/2020	EFT	236.76	
CPUD	Water Service 08/20 - OP HQ	9/30/2020	EFT	87.57	
CVCWA	Membership Renewal 07/01/20 - 06/30/21	9/11/2020	136168	2,750.00	
CWEA Renewal	Collections Maintenance Grade 1 Renewal - Burke	9/23/2020	136253	91.00	
DATAPROSE	UB Statement Processing 08/20	9/11/2020	136169	2,559.67	
DATAPROSE	UB Statement Processing 08/20	9/11/2020	136169	1,439.81	
DE LAGE LANDEN FINANCIAL SRVC INC	Copier Lease 08/20	9/30/2020	EFT	215.14	
DE LAGE LANDEN FINANCIAL SRVC INC	Copier Lease 08/20	9/30/2020	EFT	79.57	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00042	9/2/2020	136123	748.98	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00000	9/2/2020	136123	3,022.20	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00034	9/2/2020	136123	1,022.80	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00043	9/2/2020	136123	8,998.97	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00005	9/2/2020	136123	83.22	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 08/20 47382.0000 (31348)	9/16/2020	136206	410.21	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 31348.00042 08/20	9/23/2020	136254	1,775.36	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 31348.00043 08/20	9/23/2020	136254	4,022.30	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00042	9/2/2020	136123	277.02	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00000	9/2/2020	136123	1,117.80	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00034	9/2/2020	136123	378.29	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00043	9/2/2020	136123	3,328.38	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 07/20 31348.00005	9/2/2020	136123	30.78	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 08/20 47382.0000 (31348)	9/16/2020	136206	230.76	

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DOWNEY BRAND ATTORNEYS LLP	Legal Services 31348.00043 08/20	9/23/2020	136254	1,487.70	
DOWNEY BRAND ATTORNEYS LLP	Legal Services 31348.00042 08/20	9/23/2020	136254	656.64	
DUDEK	Cultural Survey - WP Bear Creek Debris Removal 08/20	9/23/2020	136255	1,997.00	82367
EBBETTS PASS GAS SERVICE	Fuel 08/20 EP	9/16/2020	136208	1,187.21	
EBBETTS PASS GAS SERVICE	Fuel 08/20 EP	9/16/2020	136208	667.80	
EBBETTS PASS LUMBER	Tire Plug Kit - V 529	9/16/2020	136209	6.42	83082
EDGES ELECTRICAL GROUP, LLC	Soft Start - Avery Pump Station	9/2/2020	136124	2,579.37	82738
EDGES ELECTRICAL GROUP, LLC	Fans, Finger Guards - JL 602 Tank	9/23/2020	136256	310.98	83108
EDGES ELECTRICAL GROUP, LLC	Freight Fans, Finger Guards - JL 602 Tank	9/23/2020	136256	11.56	83108
EDGES ELECTRICAL GROUP, LLC	Cable Ties - Electrical Stock	9/23/2020	136256	153.44	83108
EDGES ELECTRICAL GROUP, LLC	Tape, Cable Ties - Electrical Stock	9/23/2020	136256	109.64	83108
EDGES ELECTRICAL GROUP, LLC	Circuit Breaker - WP Regulator	9/23/2020	136256	108.77	83108
EDGES ELECTRICAL GROUP, LLC	Cable Ties - Electrical Stock	9/23/2020	136256	86.31	83108
EDGES ELECTRICAL GROUP, LLC	Tape, Cable Ties - Electrical Stock	9/23/2020	136256	61.67	83108
ENTERPRISE FM TRUST	Vehicle Leasing 09/20	9/16/2020	136210	239.72	
ENTERPRISE FM TRUST	Vehicle Leasing 09/20	9/16/2020	136210	4,471.30	
ENTERPRISE FM TRUST	Vehicle Leasing 09/20	9/16/2020	136210	134.85	
ENTERPRISE FM TRUST	Vehicle Leasing 09/20	9/16/2020	136210	2,515.11	
ENVIRONMENTAL OPERATING SOLUTIONS	MicroC - DF VCTO	9/23/2020	136257	3,966.26	80981
ENVIRONMENTAL WATER SOLUTIONS, INC	Rotary Lobe Blower Motor - LCWWTP	9/2/2020	136125	5,911.53	82928
EUROFINS EATON ANALYTICAL, INC	Treatment Water Testing - McKays 08/20	9/23/2020	136258	880.00	
EUROFINS EATON ANALYTICAL, INC	Treatment Water Testing - McKays 08/20	9/23/2020	136258	740.00	
EXPRESS SEWER AND DRAIN, INC	Slip Line - Woodgate LS	9/23/2020	136259	(261.00)	83192
EXPRESS SEWER AND DRAIN, INC	Slip Line - Woodgate LS	9/23/2020	136259	3,861.00	83192
FASTENAL	Blades, Bits, Paint, Batteries, Grease, Sealant, Grinding Wheels	9/2/2020	136126	687.67	83099
FASTENAL	Gloves, Wasp Spray, Hand Cleaner, Ear Plugs, Safety Glasses - JL	9/2/2020	136126	165.24	83099
FASTENAL	Hand Sanitizer - JL Vending	9/2/2020	136126	(842.08)	83099
FASTENAL	Shovels - JL Vending	9/2/2020	136126	29.18	83099
FEDERAL EXPRESS	Acct#119229243 Shipping Week End 08/21/20	9/2/2020	136127	84.59	
FEDERAL EXPRESS	Acct#119229243 Shipping Week End 09/14	9/23/2020	136260	19.20	
FEDERAL EXPRESS	Acct#119229243 Shipping Week End 08/21/20	9/2/2020	136127	47.57	
FEDERAL EXPRESS	Acct#119229243 Shipping Week End 09/14	9/23/2020	136260	7.10	
FERGUSON ENTERPRISES, INC 1423	(5) Meter Boxes - EP Barn	9/2/2020	136128	587.19	83100
FGL ENVIRONMENTAL	Water Testing 08/17 - 08/20	9/2/2020	136129	2,358.00	

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FGL ENVIRONMENTAL	Water Testing 08/24 - 09/08	9/16/2020	136211	3,606.40	
FGL ENVIRONMENTAL	Water Testing 09/09 - 09/16	9/23/2020	136261	2,690.00	
FGL ENVIRONMENTAL	Waste Water Testing 08/17 - 08/20	9/2/2020	136129	1,327.00	
FGL ENVIRONMENTAL	Waste Water Testing 08/24 - 09/08	9/16/2020	136211	2,028.60	
FGL ENVIRONMENTAL	Waste Water Testing 09/09 - 09/16	9/23/2020	136261	1,513.00	
FOOTHILL MATERIALS	Base Rock - Southworth Septic Tank Install	9/23/2020	136262	194.59	83109
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 08/15/20 - 09/11/20 Sheep Ranch	9/16/2020	136212	93.50	
FOOTHILL PORTABLE TOILETS	Rental Portable Toilets 08/15/20 - 09/11/20 Wallace	9/16/2020	136212	93.50	
FOOTHILL PRINTING & GRAPHICS	Business Cards	9/16/2020	136213	306.78	
FOOTHILL PRINTING & GRAPHICS	Business Cards	9/16/2020	136213	172.56	
FROGGY'S AUTO WASH & LUBE	Oil, Lube - V 534	9/2/2020	136130	68.62	83151
FROGGY'S AUTO WASH & LUBE	Oil, Lube, Filter - V 140	9/11/2020	136171	63.89	83083
FROGGY'S AUTO WASH & LUBE	Oil, Lube - V 551	9/23/2020	136263	100.19	83110
FROGGY'S AUTO WASH & LUBE	Oil, Lube, Oil Filter - V 134	9/23/2020	136263	136.61	83110
GAMBI DISPOSAL INC.	Bio-Solids Removal - FMWWTP	9/16/2020	136214	656.25	83101
GAMBI DISPOSAL INC.	Bio-Solids Removal - AWWTP	9/16/2020	136214	735.00	83101
GAMBI DISPOSAL INC.	Bio-Solids Removal - LCWWTP	9/16/2020	136214	525.00	83101
GAMBI DISPOSAL INC.	Bio-Solids Removal - LCWWTP	9/16/2020	136214	525.00	83101
GAMBI DISPOSAL INC.	Bio-Solids Removal - LCWWTP	9/16/2020	136214	525.00	83101
GAMBI DISPOSAL INC.	Bio-Solids Removal - LCWWTP	9/16/2020	136214	525.00	83101
GATEWAY PRESS, INC	Vac Truck Decals - LC Whse	9/2/2020	136131	182.86	82762
GFOA	Membership Renewal 08/01/20 - 07/31/21 Christensen	9/11/2020	136172	116.80	
GFOA	Membership Renewal 08/01/20 - 07/31/21 Christensen	9/11/2020	136172	43.20	
GONZALEZ TOOLS LLC	Hammer - SA Shop	9/23/2020	136264	116.23	83111
GOVCONNECTION, INC	(5) UPS's - Stock	9/2/2020	136132	1,285.56	81216
GOVCONNECTION, INC	Cables - Stock	9/2/2020	136132	62.89	81216
GOVCONNECTION, INC	(8) UPS Batteries - Electrical Stock	9/16/2020	136215	701.87	81215
GOVCONNECTION, INC	2) Surface Pro's - Collections Crew, with KB Cover and Cases	9/2/2020	136132	1,901.15	78596B
GOVCONNECTION, INC	2) Surface Pro's - Collections Crew, with KB Cover and Cases	9/2/2020	136132	337.49	
GOVCONNECTION, INC	2) Laptops, Office 2019, Docking stations - Deja H., Mgr of Ext.	9/9/2020	136173	2,442.10	83002
GOVCONNECTION, INC	(5) UPS's - Stock	9/2/2020	136132	723.13	81216
GOVCONNECTION, INC	Cables - Stock	9/2/2020	136132	35.37	81216
GOVCONNECTION, INC	(8) UPS Batteries - Electrical Stock	9/16/2020	136215	394.80	81215
GOVCONNECTION, INC	2) Surface Pro's - Collections Crew, with KB Cover and Cases	9/2/2020	136132	703.16	78596B

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GOVCONNECTION, INC	2) Surface Pro's - Collections Crew, with KB Cover and Cases	9/2/2020	136132	124.83	
GOVCONNECTION, INC	2) Laptops, Office 2019, Docking stations - Deja H., Mgr of Ext.	9/9/2020	136173	903.32	83002
GRAINGER	Tyvek Coveralls - JLWTP	9/16/2020	136216	29.56	83092
GRAINGER	Flowmeter - JLWTP	9/11/2020	136174	67.03	83171
GRAINGER	Striping Machine, Paint - CC Whse	9/23/2020	136265	324.29	81556
GRAINGER	Nipple - DF VCTO	9/2/2020	136133	70.69	83072
HACH COMPANY	Reagents - WPWTP	9/23/2020	136266	166.05	83121
HACH COMPANY	Reagents - WPWTP	9/23/2020	136266	192.57	83121
HANNAH 2014 REVOKABLE TRUCT	UB Refund 3973 Northwood Drive	9/2/2020	136134	85.84	
HDR	Water and Wastewater Capacity Fee Study 08/20	9/23/2020	136267	3,303.25	78594
HDR	Water and Wastewater Capacity Fee Study 08/20	9/23/2020	136267	1,221.75	78594
HERD'S MACHINE & WELD SHOP	Steel Pipe, Round Stock - AWWTP	9/23/2020	136268	1,097.91	83093
HOBGOODS CLEANING	Janitorial Service 08/20 OP HQ	9/23/2020	136270	1,412.55	
HOBGOODS CLEANING	Janitorial Service 08/20 JLTC	9/23/2020	136270	32.00	
HOBGOODS CLEANING	Janitorial Service 08/20 OP HQ	9/23/2020	136270	522.45	
HOBGOODS CLEANING	Janitorial Service 08/20 JLTC	9/23/2020	136270	18.00	
HUNT & SONS, INC	Gas - CC	9/2/2020	136135	171.87	83097
HUNT & SONS, INC	Fuel - Copper	9/11/2020	136176	1,379.62	82856
HUNT & SONS, INC	Diesel - West Point	9/11/2020	136176	1,443.99	82855
HUNT & SONS, INC	Fuel - West Point	9/16/2020	136219	594.08	82857
HUNT & SONS, INC	Fuel - DF VCTO	9/2/2020	136135	605.31	82852
INNOVYZE INC	InfoWater Pro Floating (3,000 Links) 8/15/20-8/14/21	9/2/2020	136136	2,685.00	79043
IRON MOUNTAIN	Document Destruction 07/29/20 - 08/25/20	9/11/2020	136177	57.86	
IRON MOUNTAIN	Document Destruction 07/29/20 - 08/25/20	9/11/2020	136177	32.55	
KASL CONSULTING ENGINEERS	Construction Management Services 08/20 Reach 1	9/16/2020	136220	8,008.00	78576
KUREY & ASSOCIATES	FY 20-21 Labor Compliance Monitoring, Proj 11106	9/2/2020	136137	225.00	79042
KW EMERSON, INC	Construction Contract - EP Techite Pipeline 07/20	9/11/2020	136178	367,191.53	79041
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator 08/07/20	9/11/2020	136179	12.26	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/31/20	9/11/2020	136179	37.73	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/24/20	9/11/2020	136179	25.47	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/17/20	9/11/2020	136179	25.47	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator 08/07/20	9/11/2020	136179	6.89	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/31/20	9/11/2020	136179	21.22	
LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/24/20	9/11/2020	136179	14.33	

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LEDGER DISPATCH	Recruiting Ad Engineering Coordinator/Operator 07/17/20	9/11/2020	136179	14.33	
LIEBERT CASSIDY WHITMORE	Legal Services CA045-00001 07/20	9/2/2020	136138	581.08	
LIEBERT CASSIDY WHITMORE	Legal Services CA045-00001 07/20	9/2/2020	136138	214.92	
LOWE'S	Shelving - OP HQ	9/16/2020	136221	9.30	82761
LOWE'S	Shelving - OP HQ	9/16/2020	136221	5.23	82761
MANTECA TRUCK ACCESSORIES	Catalytic Converter - V 529	9/23/2020	136271	1,237.37	83737
MEAD & HUNT INC	Inundation Mapping - WP Reg Dam 08/20	9/23/2020	136272	6,440.00	81868
MID VALLEY AGRICULTURAL INC	Roundup Powermax - Weed Control	9/23/2020	136273	593.88	83112
MID VALLEY AGRICULTURAL INC	Roundup Powermax - Weed Control	9/23/2020	136273	334.05	83112
MODESTO AIRCO GAS & GEAR	Cylinder Rental 09/20	9/16/2020	136222	58.24	
MODESTO AIRCO GAS & GEAR	Cylinder Rental 09/20	9/16/2020	136222	32.76	
MOTHER LODE ANSWERING SERVICE	Answering Service 09/20	9/11/2020	136180	424.58	
MOTHER LODE ANSWERING SERVICE	Answering Service 09/20	9/11/2020	136180	238.82	
MOUNTAIN OASIS PURIFIED WATER	Water Cooler, Water Cooler Supplies 08/20 District Wide	9/11/2020	136181	134.94	
MOUNTAIN OASIS PURIFIED WATER	Water Cooler, Water Cooler Supplies 08/20 District Wide	9/11/2020	136181	75.91	
MOZINGO CONSTRUCTION, INC.	Construction Contract for REACH 1 Water Pipeline 07/20	9/11/2020	136182	715,665.12	78571
MUELLER SYSTEMS LLC	(30) 1" Meters - Copper	9/11/2020	136183	5,437.79	83176
MUNICIPAL MAINTENANCE EQUIP	Remote - V135	9/2/2020	136140	1,912.09	82760
MUNICIPAL MAINTENANCE EQUIP	Remote Decals - V135	9/11/2020	136184	30.76	82927A
MUNICIPAL RESOURCE GROUP LLC	Training Webinar - HR,IT,CS & Finance	9/16/2020	136223	159.36	
MUNICIPAL RESOURCE GROUP LLC	Training Webinar - HR,IT,CS & Finance	9/16/2020	136223	1,115.52	
MUNICIPAL RESOURCE GROUP LLC	Training Webinar - HR,IT,CS & Finance	9/16/2020	136223	89.64	
MUNICIPAL RESOURCE GROUP LLC	Training Webinar - HR,IT,CS & Finance	9/16/2020	136223	627.48	
MUTUAL OF OMAHA	Life, AD&D Acct#G00AWXB 09/20	9/16/2020	136224	3,900.34	
MUTUAL OF OMAHA	Life, AD&D Acct#G00AWXB 09/20	9/16/2020	136224	2,193.94	
NEW FRONTIER AUTO SUPPLY INC	Tire Gauge, Crescent Wrench Set - Construction Crew	9/23/2020	136275	74.39	83113
NEW FRONTIER AUTO SUPPLY INC	Battery - E 01	9/23/2020	136275	153.58	83113
NEW YORK LIFE	Life Insurance 08/20	9/16/2020	136225	755.97	
NEW YORK LIFE	Life Insurance 08/20	9/16/2020	136225	368.39	
NHU DESIGN	August Website services	9/16/2020	136226	55.56	
NHU DESIGN	August Website services	9/16/2020	136226	150.22	
NOR-CAL CONTROLS INC	Blower - DF VCTO	9/23/2020	136276	3,136.17	83183
NORTHSTAR CHEMICAL	Sodium Hypochlorite - Hunters WTP	9/11/2020	136185	3,829.88	82064
NORTHSTAR CHEMICAL	Sodium Hypochlorite - Hunters WTP	9/11/2020	136185	2,489.42	82766

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NORTHSTAR CHEMICAL	Hydrogen Peroxide - District Wide	9/23/2020	136277	346.78	83119
NORTHSTAR CHEMICAL	Sodium Hypochlorite - CCWTP	9/23/2020	136277	1,522.38	82659
NORTHSTAR CHEMICAL	Sodium Hypochlorite - CCWTP	9/23/2020	136277	1,095.34	82662
NORTHSTAR CHEMICAL	Sodium Hypochlorite - JLWTP	9/23/2020	136277	2,393.67	82811
NORTHSTAR CHEMICAL	Sodium Hypochlorite - Southworth WWTP	9/2/2020	136141	544.94	82807
NORTHSTAR CHEMICAL	Sodium Hypochlorite - Wallace WWTP	9/2/2020	136141	544.93	82807
NORTHSTAR CHEMICAL	Sodium Hypochlorite - AWWTP	9/11/2020	136185	1,723.45	82064
NORTHSTAR CHEMICAL	Hydrogen Peroxide - District Wide	9/23/2020	136277	195.07	83119
NTU TECHNOLOGIES INC	Polymer - JLWTP	9/11/2020	136186	7,301.61	82810
NTU TECHNOLOGIES INC	Zeta Flocc - Copper Reclaim	9/11/2020	136186	4,091.15	82661
O'CONNELL & DEMPSEY, LLC	Consulting Services Legislative Advocacy 07/20	9/2/2020	136143	3,650.00	
O'CONNELL & DEMPSEY, LLC	Consulting Services Legislative Advocacy 08/20	9/23/2020	136278	3,650.00	
O'CONNELL & DEMPSEY, LLC	Consulting Services Legislative Advocacy 07/20	9/2/2020	136143	1,350.00	
O'CONNELL & DEMPSEY, LLC	Consulting Services Legislative Advocacy 08/20	9/23/2020	136278	1,350.00	
O'REILLY AUTO PARTS	Real World Training Credit	9/23/2020	136279	(120.00)	83120
O'REILLY AUTO PARTS	Cleaning Agents - V 538	9/23/2020	136279	13.38	83120
O'REILLY AUTO PARTS	Wheel Cleaner, DEF - V 723	9/23/2020	136279	21.11	83120
O'REILLY AUTO PARTS	Shop Towels - Construction Crew	9/23/2020	136279	17.51	83120
O'REILLY AUTO PARTS	Screwdriver - V 719	9/23/2020	136279	6.96	83120
O'REILLY AUTO PARTS	DEF, Alternator - V 527	9/23/2020	136279	228.52	83120
O'REILLY AUTO PARTS	DEF - Rental Transfer Valentine Hill	9/23/2020	136279	60.02	83120
O'REILLY AUTO PARTS	Lock, DEF - V 736	9/23/2020	136279	62.17	83120
O'REILLY AUTO PARTS	Epoxy Putty - Aluminum Boat	9/23/2020	136279	7.50	83120
O'REILLY AUTO PARTS	DEF - V 736	9/23/2020	136279	139.32	83120
O'REILLY AUTO PARTS	Bulb - V 719	9/23/2020	136279	6.33	83120
O'REILLY AUTO PARTS	Coolant - V145	9/23/2020	136279	19.38	14283145
OUTWEST TIRE AND REPAIR	Mount & Balance Tires - V 723	9/23/2020	136280	141.00	83114
P & L CONCRETE PRODUCTS, INC	Concrete Septic Tank - Southworth	9/11/2020	136187	(176.54)	83174
P & L CONCRETE PRODUCTS, INC	Concrete Septic Tank - Southworth	9/11/2020	136187	2,691.98	83174
P G & E	Gas 08/20 - OP HQ	9/30/2020	EFT	6.69	
P G & E	Power 08/20 - District Wide	9/30/2020	EFT	1,595.82	
P G & E	Power 08/20 - CC Water Tank	9/30/2020	EFT	37.21	
P G & E	Power 08/20 - JLTC	9/30/2020	EFT	188.06	
P G & E	Power 08/20 - SA Shop	9/30/2020	EFT	220.45	

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
P G & E	Power 08/20 - VS House	9/30/2020	EFT	25.93	
P G & E	Gas 08/20 - OP HQ	9/30/2020	EFT	2.48	
P G & E	Power 09/20 - Hwy 26	9/30/2020	EFT	10.09	
P G & E	Power 08/20 - Hwy 26	9/30/2020	EFT	10.03	
P G & E	Power 08/20 - District Wide	9/30/2020	EFT	897.65	
P G & E	Power 08/20 - JLTC	9/30/2020	EFT	105.79	
P G & E	Power 08/20 - Wallace Spray Fields	9/30/2020	EFT	53.79	
P G & E	Power 08/20 - Warmwood L/S	9/30/2020	EFT	67.34	
P G & E	Power 08/20 - Woodgate L/S	9/30/2020	EFT	28.32	
P G & E	Power 08/20 - SA Shop	9/30/2020	EFT	124.00	
P G & E	Power 08/20 - VS House	9/30/2020	EFT	14.58	
PACE SUPPLY CORP	Unions - JL Pretreatment	9/2/2020	136144	363.58	83157
PACE SUPPLY CORP	Repair Dressers - District Use	9/2/2020	136144	1,681.42	82918
PACE SUPPLY CORP	Repair Dressers - District Use	9/2/2020	136144	228.19	82918A
PACE SUPPLY CORP	Hymax Versa's - EP Barn	9/2/2020	136144	2,808.06	83156
PACE SUPPLY CORP	Wedge Restraint Gland Pack, Elbow - EP Barn	9/23/2020	136281	427.39	83182
PACE SUPPLY CORP	Hymax Reducers - EP Barn	9/23/2020	136281	1,532.35	83182
PACE SUPPLY CORP	Repair Clamps - EP Barn	9/23/2020	136281	643.50	83182
POTRERO HILLS LANDFILL	Bio-Solids Disposal - AWWTP	9/16/2020	136227	252.63	83102
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	9/16/2020	136227	276.89	83102
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	9/16/2020	136227	297.36	83102
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	9/16/2020	136227	280.04	83102
POTRERO HILLS LANDFILL	Bio-Solids Disposal - LCWWTP	9/16/2020	136227	253.89	83102
QUADIENT FINANCE INC	Postage 07/20	9/2/2020	136147	730.00	
QUADIENT FINANCE INC	Postage 07/20	9/2/2020	136147	270.00	
R & B COMPANY	Cplg's, ARV's - LC Whse	9/11/2020	136188	740.03	83086
R & B COMPANY	ARV's - LC Whse	9/11/2020	136188	1,333.36	83086
R & B COMPANY	Pipe, Couplings - Copper	9/2/2020	136148	1,840.25	82759
R & B COMPANY	Redi-Clamps - District Use	9/2/2020	136148	12,470.04	82739
R.E. SMITH CONTRACTORS, INC.	Jenny Lind WTP Pretreatment Project 06/20	9/11/2020	136189	20,000.00	75985
R.E. SMITH CONTRACTORS, INC.	Jenny Lind WTP Pretreatment Project 06/20	9/11/2020	136189	0.04	75985
RYAN HERCO PRODUCTS CORP.	Fittings - Copper	9/11/2020	136190	28.05	83168
RYAN HERCO PRODUCTS CORP.	Fittings - CCWTP	9/11/2020	136190	86.73	83162
SAFE T LITE	Marking Post - Collections Crew	9/2/2020	136150	886.31	83090

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
SEIU LOCAL 1021	COPE Donation 07/20	9/2/2020	136151	29.20	
SEIU LOCAL 1021	COPE Donation 08/20	9/2/2020	136151	29.20	
SEIU LOCAL 1021	Union Dues 07/20	9/2/2020	136151	1,970.23	
SEIU LOCAL 1021	Union Dues 08/20	9/2/2020	136151	1,933.73	
SEIU LOCAL 1021	COPE Donation 07/20	9/2/2020	136151	10.80	
SEIU LOCAL 1021	COPE Donation 08/20	9/2/2020	136151	10.80	
SEIU LOCAL 1021	Union Dues 07/20	9/2/2020	136151	728.71	
SEIU LOCAL 1021	Union Dues 08/20	9/2/2020	136151	715.21	
SENDERS MARKET INC	Cable Ties - OP HQ	9/23/2020	136283	7.16	83124
SENDERS MARKET INC	Broom, Sprinkler, Cleaning Supplies, Pail, Ball Valve, Bushing -	9/23/2020	136283	141.11	83124
SENDERS MARKET INC	Connectors - LC Whse	9/23/2020	136283	8.67	83124
SENDERS MARKET INC	Trash Bags, Shop Towels - JLWTP	9/23/2020	136283	27.97	83124
SENDERS MARKET INC	Pipe Fittings, Concrete - LC Whse	9/23/2020	136283	54.19	83124
SENDERS MARKET INC	Cable Ties - OP HQ	9/23/2020	136283	4.02	83124
SENDERS MARKET INC	Key, Cable Ties - Collections Crew	9/23/2020	136283	30.45	83124
SENDERS MARKET INC	Pipe Fitting, Drill Bit - Collections Crew	9/23/2020	136283	26.61	83124
SENDERS MARKET INC	Pipe Fittings - JL Huckleberry LS	9/23/2020	136283	23.08	83124
SENDERS MARKET INC	Lids - Septic Tank Stock	9/23/2020	136283	429.49	83124
SENDERS MARKET INC	Pipe Fittings - CC SC 2	9/23/2020	136283	10.60	83124
SIGNAL SERVICE	On Site Service JLWTP	9/11/2020	136191	150.00	
SIGNAL SERVICE	On Site Service JLTC	9/16/2020	136229	78.40	
SIGNAL SERVICE	Alarm Service 10/01/20 - 12/31/20 District Wide	9/23/2020	136284	1,296.77	
SIGNAL SERVICE	On Site Service JLTC	9/16/2020	136229	44.10	
SIGNAL SERVICE	Alarm Service 10/01/20 - 12/31/20 District Wide	9/23/2020	136284	729.43	
SIMPLE SOLUTIONS DISTRIBUTING LLC	Activated Carbon Inserts - Copper Cove	9/2/2020	136152	(543.50)	81493
SIMPLE SOLUTIONS DISTRIBUTING LLC	Activated Carbon Inserts - Copper Cove	9/2/2020	136152	8,581.95	81493
SLAKEY BROS	Coupling, Adapters - LC Whse Kirby Street	9/23/2020	136287	149.01	83122
SLAKEY BROS	Coupling - LC Whse Kirby Street	9/23/2020	136287	41.32	83122
STAPLES CREDIT PLAN	Office Supplies - OP HQ	9/16/2020	136230	1,222.95	
STAPLES CREDIT PLAN	Office Supplies - OP HQ	9/16/2020	136230	687.90	
STERLING WATER TECHNOLOGIES, LLC	CP 1339 - WPWTP	9/2/2020	136153	928.00	81763
STERLING WATER TECHNOLOGIES, LLC	SWT 9310A - WPWTP	9/2/2020	136153	1,366.40	81763
SUTTON ENTERPRISES	Water Truck Rental 07/14/20 - 08/28/20 - WP Valentine Hill Road	9/23/2020	136289	6,000.00	82173
SUTTON ENTERPRISES	Roller Rental 07/14/20 - 08/28/20 - WP Valentine Hill Road Repai	9/23/2020	136289	10,500.00	82173

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
SUTTON ENTERPRISES	Trench Plate Rental - CC Sawmill PRV	9/23/2020	136289	1,794.00	82172
SWRCB	Water Distribution Operator Grade 4 (D4) Renewal - Cardinal	9/2/2020	136154	105.00	
TELEDYNE INSTRUMENTS, INC	Sensors - Copper Reclaim	9/2/2020	136155	482.93	83063
THE CAR DOCTOR	Oil, Lube, Filter - V 712	9/11/2020	136192	97.83	83177
TIFCO INDUSTRIES	Grinding Discs, Cable Ties, Electrical Terminals - SA Shop	9/23/2020	136290	410.31	83116
TIFCO INDUSTRIES	Adhesives - SA Shop	9/23/2020	136290	224.54	83116
TIRE RACK	(6)Tires - V 723	9/2/2020	136156	2,439.20	83160
TOOLE'S GARAGE	Oil, Lube, Filter - V 612	9/2/2020	136157	204.23	83152
TOOLE'S GARAGE	Oil, Lube, Trailer Light Repair - V 538	9/2/2020	136157	492.24	82756
TREATS GENERAL STORE INC	Fittings - SA Shop	9/16/2020	136231	6.20	83077
TREATS GENERAL STORE INC	Stencils - SA Shop	9/16/2020	136231	4.28	83077
TREATS GENERAL STORE INC	Gatorade - SA Shop	9/16/2020	136231	9.39	83077
TREATS GENERAL STORE INC	T-Bevel - V 143	9/16/2020	136231	6.42	83077
TREATS GENERAL STORE INC	Shipping Tape - OP HQ	9/16/2020	136231	26.76	83077
TREATS GENERAL STORE INC	Pallet of Water - EP Boil Water Notice	9/16/2020	136231	328.08	83077
TREATS GENERAL STORE INC	Shipping Tape - OP HQ	9/16/2020	136231	15.05	83077
U.S. BANK	ABS Pump - V 533	9/11/2020	136194	106.18	83074
U.S. BANK	CSDA Reserve District Guidelines & Sample Policy Handbook	9/11/2020	136194	147.46	
U.S. BANK	CSDA Reserve District Guidelines & Sample Policy Handbook	9/11/2020	136194	82.95	
UNION DEMOCRAT	Recruitment Ad - Accountant II	9/16/2020	136232	251.08	
UNION DEMOCRAT	Accountant II Recruitment Ad	9/23/2020	136292	286.38	93472
UNION DEMOCRAT	Engineering Coordinator Recruitment Ad	9/23/2020	136292	511.66	93472
UNION DEMOCRAT	Water / Wastewater TPO II Recruitment Ad	9/23/2020	136292	511.66	93472
UNION DEMOCRAT	Construction & Maintenance Manager Recruitment Ad	9/23/2020	136292	326.03	93472
UNION DEMOCRAT	External Affairs Manager Recruitment Ad	9/23/2020	136292	429.24	93472
UNION DEMOCRAT	Recruitment Ad - Accountant II	9/16/2020	136232	141.22	
UNION DEMOCRAT	Accountant II Recruitment Ad	9/23/2020	136292	105.92	93472
UNION DEMOCRAT	Construction & Maintenance Manager Recruitment Ad	9/23/2020	136292	120.59	93472
UNION DEMOCRAT	Engineering Coordinator Recruitment Ad	9/23/2020	136292	189.24	93472
UNION DEMOCRAT	Water / Wastewater TPO II Recruitment Ad	9/23/2020	136292	189.24	93472
UNION DEMOCRAT	External Affairs Manager Recruitment Ad	9/23/2020	136292	158.76	93472
UNITED PARCEL SERVICE	Shipping Week End 08/15	9/2/2020	136158	18.56	
UNITED PARCEL SERVICE	Shipping Week End 08/22	9/11/2020	136195	124.10	
UNITED PARCEL SERVICE	Shipping Week End 08/29	9/16/2020	136233	81.32	

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
UNITED PARCEL SERVICE	Shipping Week End 09/12	9/23/2020	136293	21.17	
UNITED PARCEL SERVICE	Shipping Week End 09/05	9/23/2020	136293	21.17	
UNITED PARCEL SERVICE	Shipping Week End 08/15	9/2/2020	136158	10.44	
UNITED PARCEL SERVICE	Shipping Week End 08/22	9/11/2020	136195	69.81	
UNITED PARCEL SERVICE	Shipping Week End 08/29	9/16/2020	136233	45.73	
UNITED PARCEL SERVICE	Shipping Week End 09/12	9/23/2020	136293	7.83	
UNITED PARCEL SERVICE	Shipping Week End 09/05	9/23/2020	136293	7.83	
UNITED RENTALS NORTHWEST, INC	Fuel Cap - LC Whse Wacker	9/23/2020	136294	57.88	82769
US BANK CORP TRUST SVCS	FiscalAgent Fee - AD 604 09/01/20 - 02/28/21	9/16/2020	136234	1,020.00	
USA BLUE BOOK	Line Markers - CC Whse	9/2/2020	136159	22.10	83084
USA BLUE BOOK	Buffer, Reagents, PAN, Ascorbic Acid, DPD, Pipet, Phosver, Beake	9/11/2020	136196	1,144.44	82808
USA BLUE BOOK	(1) Hydrant Meter - EP Barn	9/2/2020	136159	1,266.78	82402A
USA BLUE BOOK	(1) Hydrant Meter - District Use	9/2/2020	136159	1,197.69	82402
USA BLUE BOOK	Hydrant Meters - District Use	9/11/2020	136196	2,519.10	83164
USA BLUE BOOK	Hydrant Meters - District Use	9/11/2020	136196	2,470.20	83164
USA BLUE BOOK	Back Pressure Valve - Wallace WTP	9/23/2020	136295	193.47	83118
USA BLUE BOOK	Discharge Hose - JLWTP	9/11/2020	136196	361.60	83165
USA BLUE BOOK	Deionized Water, Sulfuric Acid - VWWTP	9/11/2020	136196	97.31	82063
USA BLUE BOOK	Deionized Water - VWWTP	9/11/2020	136196	75.45	82063
USA BLUE BOOK	Chart Paper - Southworth	9/11/2020	136196	61.08	82808
USA BLUE BOOK	Floats - Electricians	9/2/2020	136159	2,098.71	82930
USA BLUE BOOK	Pump - FMWWTP	9/11/2020	136196	986.65	82808
USA BLUE BOOK	Pump - FMWWTP	9/11/2020	136196	(991.30)	82808
USDA RURAL DEVELOPMENT	Ebbetts Pass Reach 3A Loan Payment	9/1/2020	EFT	28,022.62	
USDA RURAL DEVELOPMENT	Ebbetts Pass Reach 3A Loan Payment	9/1/2020	EFT	45,700.00	
VALIC	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	1,240.02	
VALIC	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	1,240.02	
VALIC	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	458.64	
VALIC	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	458.64	
VERIFIED FIRST, LLC	Background Investigation (3)	9/2/2020	136160	79.94	
VERIFIED FIRST, LLC	Background Investigation (3)	9/2/2020	136160	29.56	
VOYA FINANCIAL	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	1,878.44	
VOYA FINANCIAL	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	1,878.44	
VOYA FINANCIAL	Deferred Comp Disb 08/31/20 Payroll	9/4/2020	EFT	694.76	

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
VOYA FINANCIAL	Deferred Comp Disb 09/15/20 Payroll	9/16/2020	EFT	694.76	
WECO INDUSTRIES	Camera Van Service Repairs - Collections Crew	9/23/2020	136296	2,512.06	81488
WEST POINT LUMBER INC	Distilled Water, Extractor, Battery - WP	9/23/2020	136297	30.18	83132
WEST POINT LUMBER INC	Water, Antifreeze - WP	9/23/2020	136297	22.48	83132
WEST POINT LUMBER INC	Insect Spray - WP	9/23/2020	136297	8.56	83132
WEST POINT LUMBER INC	Adjustable Ballcock - WP	9/23/2020	136297	10.71	83132
WEST POINT LUMBER INC	Crow Bar - WP	9/23/2020	136297	48.26	83132
WEST POINT LUMBER INC	Steel Stakes, Lumber, Conduit, Paint - WP Regulator	9/23/2020	136297	52.14	83132
WEST POINT LUMBER INC	Chain, Hook, Padlock - Wilseyville PS	9/23/2020	136297	220.42	83132
WESTERN HYDROLOGICS	Gage Maintenance White Pines 08/20	9/16/2020	136235	1,516.98	81878
WEX BANK	Fuel 08/20 Acct#405006119531	9/11/2020	EFT	10,691.70	
WEX BANK	Fuel 08/20 Acct#405006119531	9/11/2020	EFT	6,014.08	
YOUNG'S COPPER ACE HARDWARE	Flashlight - V 551	9/16/2020	136236	45.04	83076
YOUNG'S COPPER ACE HARDWARE	DEF - V 551	9/16/2020	136236	34.29	83076
YOUNG'S COPPER ACE HARDWARE	Mulch - CC Whse	9/16/2020	136236	52.48	83076
YOUNG'S COPPER ACE HARDWARE	Batteries - CC Whse	9/16/2020	136236	20.57	83076
YOUNG'S COPPER ACE HARDWARE	Soap - CC Whse	9/16/2020	136236	6.20	83076
YOUNG'S COPPER ACE HARDWARE	Lumber - CC Whse	9/16/2020	136236	22.73	83076
ANNIE O'CALLAGHAN	UB Refund 2468 Aspen Way	9/2/2020	136142	116.82	
CHRISTY MOORE	White Pines Park Restroom Cleaning 08/21 - 09/21	9/23/2020	136274	4,500.00	
CLIFFORD AKSLAND	UB Refund 158 Golden Leaf Court	9/11/2020	136163	139.20	
CLIFFORD AKSLAND	UB Refund 158 Golden Leaf Court	9/11/2020	136163	190.80	
DOUGLAS TURNER	Safety Boot Reimbursement 2020	9/23/2020	136291	200.00	
ELAINE MORCH	UB Refund 992 Manuel Road	9/2/2020	136139	30.53	
JARED GRAVETTE	Winter Weather Gear 2020	9/16/2020	136217	128.00	
JARED GRAVETTE	Winter Weather Gear 2020	9/16/2020	136217	72.00	
JESSE HAMPTON	Water Treatment OP (T5) Re-Exam Fee Reimbursement	9/11/2020	136175	120.00	
LUCAS WIEBE	Exam Reimbursement	9/23/2020	136298	96.00	
LUCAS WIEBE	Exam Reimbursement	9/23/2020	136298	54.00	
MICHAEL CRANK	Certified Prof Purchasing Manager Seminar - Materials & Class	9/11/2020	136167	384.00	
MICHAEL CRANK	Certified Prof Purchasing Manager Seminar - Materials & Class	9/11/2020	136167	216.00	
MICHAEL DUBURG	Safety Boot Reimbursement 2020	9/16/2020	136207	190.91	
PATRICK KATHLEEN PUCKETT	UB Refund 1123 Shoshone Drive	9/2/2020	136146	116.49	
POWERPLAN PAPE KENWORTH	Coolant-Sensor - V 128	9/2/2020	136145	195.38	83079

CCWD
AP DISBURSEMENTS
SEPTEMBER 1-30, 2020

Vendor	Description	Ck Date	Check No	Amount	PO No
POWERPLAN PAPE KENWORTH	Coolant Sensor - V 128	9/23/2020	136282	195.38	83115
ROBERT TRAPP	Reimbursement Claim Settlement	9/11/2020	136193	552.00	
RYAN SULLIVAN	Safety Boot Reimbursement 2020	9/23/2020	136288	112.10	
RYAN SULLIVAN	Safety Boot Reimbursement 2020	9/23/2020	136288	63.05	
THE SACRAMENTO BEE	External Affairs Manager Recruitment Ad	9/16/2020	136228	336.00	
THE SACRAMENTO BEE	External Affairs Manager Recruitment Ad	9/16/2020	136228	189.00	
ZACHARY BURKE	Safety Boot Reimbursement 2020	9/11/2020	136165	128.00	
ZACHARY BURKE	Safety Boot Reimbursement 2020	9/11/2020	136165	72.00	
Sub-Total				1,893,992.20	
Employee Medical Reimbursements				1,600.00	
Employee PTO Payouts				1,063.75	
Retiree Health Disbursements				45,723.82	
TOTAL AP DISBURSEMENTS SEPTEMBER 2020				1,942,379.77	

RESOLUTION NO. 2020-

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE CALAVERAS COUNTY WATER DISTRICT**

RATIFYING CLAIM SUMMARY NO. 583

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT has reviewed and considered Claim Summary Number 583 at the Regular Meeting held on October 14, 2020; and

WHEREAS, Board Members have resolved questions, issues, or concerns by consultation with District staff during said meeting.

NOW, THEREFORE, BE IT RESOLVED that the CALAVERAS COUNTY WATER DISTRICT Board of Directors hereby ratifies Claim Summary Number 583 in the amount of \$2,433,618.97 for the month of September 2020.

PASSED AND ADOPTED this 14th day of October, 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Bertha Underhill, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: October 14, 2020

TO: Board of Directors

FROM: Michael Minkler, General Manager

SUBJECT: Cancellation of the Board Meetings of November 11 and November 25, 2020

RECOMMENDED ACTION:

Motion: _____ / _____ by Minute Entry to approve cancellation of the Regular Board Meeting dates of November 11 and November 25, 2020 and replacing with a Special Board Meeting on November 18, 2020.

SUMMARY:

Due to the holidays in November, staff proposes cancelling both regularly scheduled Board Meetings of November 11 and November 25 and adding a Special Board Meeting on November 18, 2020 at 1:00 p.m. If a matter arises, a second Board meeting can be scheduled as needed.

FINANCIAL CONSIDERATIONS:

Board meeting costs.

Agenda Item

DATE: October 14, 2020

TO: Michael Minkler, General Manager

FROM: Rebecca Callen, Director of Administrative Services

SUBJECT: Report on the Monthly Investment Transactions for September 2020

RECOMMENDED ACTION:

For information only.

SUMMARY:

Per the District's Investment Policy, Staff will report on a monthly basis the investment activity for the preceding month. During the month of September 2020, the following investment transactions occurred.

TRANSACTION DESCRIPTION	AUGUST	SEPTEMBER	DATE
Transfer funds from LAIF to the District's Operating Account	900,000.00	1,000,000.00	9/8/2020
Interest Received on the Umpqua Bank Money Market Investment Account	34.80	33.67	9/30/2020

Interest rates continue to decline and staff is working with Chandler Asset Management on an investment plan. Staff monitors cash flow to ensure operational needs are met and excess funds are invested.

Attachment: Investment Activity Report for September 2020

**CALAVERAS COUNTY WATER DISTRICT
INVESTMENT ACTIVITY ENTRY
FOR THE MONTH ENDING SEPTEMBER 30, 2020**

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST		CPN RATE	INVESTMENT DATE	MATURITY DATE	CM INTEREST RECD
		COST	PAR (PRINC)				
Wells Fargo Money Market	22.95	22.95	22.95	0.010%	ongoing	n/a	-
Umpqua Bank Money Market	819,326.71	819,326.71	819,326.71	0.050%	06/14/07	n/a	33.67
Local Agency Investment Fund	33,221,406.20	33,221,406.20	33,221,406.20	0.660% *	ongoing	n/a	-
Totals	34,040,755.86	34,040,755.86	34,040,755.86				33.67

Current Month Transactions:	Date	Amount
Transfer from LAIF to the District's Operating Account	9/8/2020	1,000,000.00
Interest received on the Umpqua Bank Money Market Investment Account	9/30/2020	33.67

*AS OF 9/23/20

Agenda Item

DATE: October 14, 2020

TO: Michael Minkler, General Manager

FROM: Stacey Lollar, Human Resources Manager

SUBJECT: Approval of Amendment to the Fiscal Year 2020-21 Personnel Allocation

RECOMMENDED ACTION:

Motion: _____ / _____ to Adopt Resolution 2020-_____ amending the Fiscal Year 2020-21 Personnel Allocation

SUMMARY:

The District has been informed of the retirement of a long-term employee, Senior Mechanic Bob Carter. The District has historically set the Personnel Allocation at the lowest number of employees within a classification. This causes the need to come back before the Board to amend the Personnel Allocation to increase or decrease the classification allocations when personnel changes occur during the year such as this retirement notification. As District Management is preparing for the retirement of Bob, it is imperative that the District hire another Mechanic as soon as possible. However, this would require an increased number of Mechanics from 3 to 4 for the months of November and December 2020.

As discussed for several years with the Board and Management the District is in the midst of a wave of retirements that will continue for the next few years. Therefore, requests such as the ones brought forth in this memo are anticipated to become more normal as we evaluate the needs of the District.

A second minor amendment is to update the Electrical/SCADA classification to match current titles on the Personnel Allocation. The proposed amendment would update and correct the Electrical/SCADA classifications.

FINANCIAL CONSIDERATIONS:

None. The positions are all fully funded for the entirety of the 2020-21 Fiscal Year.

*Attachments: 2020-21 Personnel Allocation as Adopted on June 24, 2020
Amended 2020-21 Personnel Allocation
Resolution 2020-__ Amending the Fiscal Year 2020-21 Personnel Allocation*

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Final 2017-18	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Proposed 2020-21
Utility Services					
Director of Operations	1.00	1.00	1.00	1.00	1.00
Plant Operations Manager	1.00	1.00	1.00	1.00	1.00
Construction and Maintenance Manager					1.00 (13)
Operations, Senior Supervisor	1.00	1.00	1.00	4.00 (11)	4.00
Water/Wastewater Plant Operator OIT/I/II/III/Sr	12.00	12.00	12.00	10.00 (12)	10.00 (12)
Construction/Inspection I/II/III/Sr	2.00	- (2)	-	-	-
Construction Worker I/II/III/Sr	3.00	3.00	7.00 (6)	7.00	7.00
Controls/Communication Senior Supervisor	1.00	1.00	1.00	1.00	1.00
Controls/Communication Technician I/Sr	2.00	2.00	2.00	2.00	2.00
Electrician I/II/Sr	2.00	2.00	1.00 (8)	1.00	1.00
Facilities Maintenance Worker	-	-	1.00 (9)	1.00	1.00
Mechanic I/II/Sr	3.00	3.00	3.00	3.00	3.00
Collection System Worker I/II/III/IV/Sr	5.00	5.00	5.00	5.00	5.00
Distribution Worker I/II/III/Sr	10.00	10.00	7.00 (6/7)	7.00	7.00
Meter Reader Trainee/I/II	2.00	2.00	2.00	2.00	2.00
Purchasing Agent	-	-	1.00 (8)	1.00	1.00
Administrative Technician I/II/Senior	1.00	1.00	1.00	1.00	1.00
Total - Utility Services	46.00	44.00	46.00	47.00	48.00
General Management					
General Manager	1.00	1.00	1.00	1.00	1.00
Executive Assistant	1.00	1.00	1.00	1.00	1.00
Manager of Human Resources	-	-	1.00 (4)	1.00	1.00
Director of Human Resources/Customer Service	1.00	1.00	- (4)	-	-
Human Resources Technician	1.00	1.00	1.00	1.00	1.00
Total - General Management	4.00	4.00	4.00	4.00	4.00
Engineering/Technical Services					
District Engineer	1.00	1.00	1.00	1.00	1.00
Senior Civil Engineer	1.00	1.00	1.00	1.00	1.00
Civil Engineer	-	-	1.00 (3)	1.00	1.00
Construction Inspector I/II/III/Sr	-	2.00 (2)	2.00	1.00 (7)	1.00
Engineering Analyst	1.00	1.00	1.00	1.00 (10)	- (14)
Engineering Coordinator					1.00 (14)
Engineering Technician I/II/Sr	1.00	1.00	1.00	1.00 (10)	1.00 (14)
Administrative Technician I/II/Sr	1.00	1.00	1.00	1.00	- (14)
Total - Engineering/Technical Services	5.00	7.00	8.00	7.00	6.00
Administrative Services					
Director of Administrative Services	1.00	1.00	1.00	1.00	1.00
Accountant I/II	2.00	2.00	2.00	2.00	2.00 (15)

Calaveras County Water District
PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Final 2017-18	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Proposed 2020-21
Accounting Technician I/II	-	(1)	-	-	1.00 (15)
Manager of External Affairs	-	-	1.00 (5)	1.00	1.00
Customer Service Representative I/II/III/Sr	3.00	3.00	3.00	3.00	3.00
Facilities Maintenance Worker	1.00	1.00	1.00	-	(9)
Information System Administrator	1.00	1.00	1.00	1.00	1.00
Total - Administrative Services	8.00	8.00	9.00	8.00	9.00
Water Resources					
Manager of Water Resources	1.00	1.00	1.00	1.00	1.00
Manager Ex Affairs, Conservation & Grants I/II	1.00	1.00	-	(5)	-
Total - Water Resources	2.00	2.00	1.00	1.00	1.00
Total - Personnel Allocation	65.00	65.00	68.00	67.00	68.00

Notes

FY 2017-18

- (1) Deleted 0.5 FTE Accounting Technician I/II/III in Administrative Services

FY 2018-19

- (2) Moved 2.0 FTE Construction Inspector I/II/III/Sr from Utilities to Engineering/Technical Services
- (3) Added 1.0 FTE Civil Engineer in Engineering/Technical Services
- (4) Deleted 1.0 FTE Director of Human Resources/Customer Service and added 1.0 FTE Manager of Human Resources
- (5) Deleted 1.0 FTE PIO/Community Relations Manager and added 1.0 FTE Manager of External Affairs

FY 2019-20

- (6) Reclassed 4.0 FTE Distribution Worker I/II/III/Sr in Utilities to 4.0 FTE Construction Worker I/II/III/Sr
- (7) Moved 1.0 FTE Construction Inspector I/II/III/Sr from Engineering/Technical Services to Utilities and reclassified position to 1.0 FTE Distribution Worker I/II/III/Sr
- (8) Deleted 1.0 FTE Electrician/II/Sr in Utilities and added 1.0 FTE Purchasing Agent in Utilities
- (9) Moved 1.0 FTE Facilities Maintenance Worker from Administrative Services to Utilities
- (10) Deleted 1.0 FTE Engineering Analyst and added 1.0 FTE Engineering Technician I/II/Sr
- (11) Deleted 3.0 FTE Water/Wastewater Plant Operator OIT/I/II/III/Sr and added 3.0 FTE Operations Senior Supervisor 12/16/19
- (12) Add 1.0 FTE OIT/I/II/III/Sr 6/10/20

FY 2020-21

- (13) Add 1.0 FTE Construction and Maintenance Mgr 6/24/20
- (14) Removed 1.0 FTE Engineering Analyst and 1.0 FTE Admin Technician, add 1.0 FTE Engineering Coordinator
- (15) Reclass 1.0 FTE Accounting I to 1.0 FTE Accounting Technician
- (15) Add 1.0 FTE Accountant II

Calaveras County Water District
PROPOSED PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Adopted 2020-21
Utility Services				
Director of Operations	1.00	1.00	1.00	1.00
Plant Operations Manager	1.00	1.00	1.00	1.00
Construction and Maintenance Manager				1.00 (13)
Operations, Senior Supervisor	1.00	1.00	4.00 (11)	4.00
Water/Wastewater Plant Operator OIT/I/II/III/Sr	12.00	12.00	10.00 (12)	10.00
Construction/Inspection I/II/III/Sr	- (2)	-	-	-
Construction Worker I/II/III/Sr	3.00	7.00 (6)	7.00	7.00
Electrical/SCADA Senior Supervisor	1.00	1.00	1.00	1.00
SCADA Technician I/Sr	2.00	2.00	2.00	2.00
Electrical/Instrumentation Technician I/II/Sr	2.00	1.00 (8)	1.00	1.00
Facilities Maintenance Worker	-	1.00 (9)	1.00	1.00
Mechanic I/II/Sr	3.00	3.00	3.00	3.00
Collection System Worker I/II/III/IV/Sr	5.00	5.00	5.00	5.00
Distribution Worker I/II/III/Sr	10.00	7.00 (6/7)	7.00	7.00
Meter Reader Trainee/I/II	2.00	2.00	2.00	2.00
Purchasing Agent	-	1.00 (8)	1.00	1.00
Administrative Technician I/II/Senior	1.00	1.00	1.00	1.00
Total - Utility Services	44.00	46.00	47.00	48.00
General Management				
General Manager	1.00	1.00	1.00	1.00
Executive Assistant	1.00	1.00	1.00	1.00
Manager of Human Resources	-	1.00 (4)	1.00	1.00
Director of Human Resources/Customer Service	1.00	- (4)	-	-
Human Resources Technician	1.00	1.00	1.00	1.00
Total - General Management	4.00	4.00	4.00	4.00
Engineering/Technical Services				
District Engineer	1.00	1.00	1.00	1.00
Senior Civil Engineer	1.00	1.00	1.00	1.00
Civil Engineer	-	1.00 (3)	1.00	1.00
Construction Inspector I/II/III/Sr	2.00 (2)	2.00	1.00 (7)	1.00
Engineering Analyst	1.00	1.00	1.00 (10)	- (14)
Engineering Coordinator				1.00 (14)
Engineering Technician I/II/Sr	1.00	1.00	1.00 (10)	1.00 (14)
Administrative Technician I/II/Sr	1.00	1.00	1.00	- (14)
Total - Engineering/Technical Services	7.00	8.00	7.00	6.00
Administrative Services				
Director of Administrative Services	1.00	1.00	1.00	1.00

Calaveras County Water District
PROPOSED PERSONNEL ALLOCATION BY DEPARTMENT
 FISCAL YEARS 2018 - 2021

	Adopted 2018-19	Adopted 2019-20	Amended 2019-20	Adopted 2020-21
Accountant I/II	2.00	2.00	2.00	2.00 (15)
Accounting Technician I/II	(1) -	-	-	1.00 (15)
Manager of External Affairs	-	1.00 (5)	1.00	1.00
Customer Service Representative I/II/III/Sr	3.00	3.00	3.00	3.00
Facilities Maintenance Worker	1.00	1.00	- (9)	-
Information System Administrator	1.00	1.00	1.00	1.00
Total - Administrative Services	8.00	9.00	8.00	9.00
Water Resources				
Manager of Water Resources	1.00	1.00	1.00	1.00
Manager Ex Affairs, Conservation & Grants I/II	1.00	- (5)	-	-
Total - Water Resources	2.00	1.00	1.00	1.00
Total - Personnel Allocation	65.00	68.00	67.00	68.00

Notes

FY 2017-18

- (1) Deleted 0.5 FTE Accounting Technician I/II/III in Administrative Services

FY 2018-19

- (2) Moved 2.0 FTE Construction Inspector I/II/III/Sr from Utilities to Engineering/Technical Services
- (3) Added 1.0 FTE Civil Engineer in Engineering/Technical Services
- (4) Deleted 1.0 FTE Director of Human Resources/Customer Service and added 1.0 FTE Manager of Human Resource
- (5) Deleted 1.0 FTE PIO/Community Relations Manager and added 1.0 FTE Manager of External Affairs

FY 2019-20

- (6) Reclassed 4.0 FTE Distribution Worker I/II/III/Sr in Utilities to 4.0 FTE Construction Worker I/II/III/Sr
- (7) Moved 1.0 FTE Construction Inspector I/II/III/Sr from Engineering/Technical Services to Utilities and reclassified position to 1.0 FTE Distribution Worker I/II/III/Sr
- (8) Deleted 1.0 FTE Electrician/II/Sr in Utilities and added 1.0 FTE Purchasing Agent in Utilities
- (9) Moved 1.0 FTE Facilities Maintenance Worker from Administrative Services to Utilities
- (10) Deleted 1.0 FTE Engineering Analyst and added 1.0 FTE Engineering Technician I/II/Sr
- (11) Deleted 3.0 FTE Water/Wastewater Plant Operator OIT/I/II/III/Sr and added 3.0 FTE Operations Senior Supervisor 12/16/19
- (12) Add 1.0 FTE OIT/I/II/III/Sr 6/10/20

FY 2020-21

- (13) Add 1.0 FTE Construction and Maintenance Mgr 6/24/20
- (14) Removed 1.0 FTE Engineering Analyst and 1.0 FTE Admin Technician, add 1.0 FTE Engineering Coordinator
- (15) Reclass 1.0 FTE Accounting I to 1.0 FTE Accounting Technician
- (15) Add 1.0 FTE Accountant II

RESOLUTION NO. 2020-

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
CALAVERAS COUNTY WATER DISTRICT TO AMEND THE FISCAL YEAR 2020-21
PERSONNEL ALLOCATION**

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2020-44 on June 24, 2020 approving Fiscal Year 2020-21 Operating Budget in the amount of \$21,751,069; and

WHEREAS, the Board of Directors also adopted Resolution 2020-45 on June 24, 2020 approving the Fiscal Year 2020-21 Personnel Allocation; and

WHEREAS, the Board of Directors of the Calaveras County Water District does hereby find that it is in the best interest of the District to amend the adopted FY 2020-21 Personnel Allocation Budget accordingly, effective October 14, 2020.

NOW, THEREFORE BE IT RESOLVED, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT authorizes an amendment to the Fiscal Year 2020-21 Personnel Allocation, attached hereto and made a part hereof, is hereby approved and adopted.

PASSED AND ADOPTED this 14th day of October 2020 by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

CALAVERAS COUNTY WATER DISTRICT

Bertha Underhill, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Agenda Item

DATE: October 14, 2020

TO: Michael Minkler, General Manager

FROM: Rebecca Callen, Director of Administrative Services

SUBJECT: Discussion/Direction regarding Engaging with Urban Futures, Inc (UFI) for Financial Advisory Services

RECOMMENDED ACTION:

Discussion/Direction regarding the District contracting for Municipal Financial Advisory Services with Urban Futures, Inc. (UFI).

SUMMARY:

The District's current 5-year Capital Improvement Plan (CIP) includes \$106 million in water and wastewater projects. Approximately \$12.5 million in projects have been completed to date; in addition, \$10 million in available grant funding has been identified. The District has identified multiple funding sources to fund portions of the \$83 million balance, including Repair & Replacement funds, expansion funds, Assessment District funds, or other reserves. Unless additional outside funding sources can be secured, there is a significant funding shortfall (\$53 million) between identified CIP projects and identified funding sources. CCWD will continue to pursue grants or other outside funding sources, such as the Army Corps of Engineers Section 219 program, but those sources of funding are uncertain. The District needs a long-term plan to fund the CIP and staff have identified expert consultants to help develop the plan.

The District typically prefers to fund its capital improvements projects through current year revenues and accumulated reserve sources (i.e., "pay-go or cash basis"), rather than financing over a period of time through loans or bonds. Cash funding or "pay-go" financing saves considerable interest costs, which can sometimes equal the total costs of a project on a long-term financing. Therefore, the District seeks to limit the amount of debt that it issues to minimize the burden on District's residents and the fiscal impact on the District's resources.

These policy objectives are clearly delineated in the District's Financial Management Policies: 5.00.4 Capital Improvement Policy, and 5.00.5 Debt Policies.

Although District staff is actively pursuing grant funding opportunities and deferring infrastructure costs by extending the useful life of its various facilities, these practices will not be sufficient to address the funding gap. Although debt financing is more costly, it is utilized by most water agencies for three reasons:

1. It provides inter-generational equity: residents that benefit from the use of the assets pay for it over its useful life.
2. It allows for consistent and timely asset repair and replacement.
3. It minimizes the impact on rates

To address this funding gap, District staff seeks to develop a long-term funding and financing plan with the assistance of subject matter experts. Consequently, the District solicited proposals from various financial advisory firms to assist the District with this process.

The District issued a formal RFP (Request for Proposals) May 22, 2020: Six responses were received. Each proposal was reviewed in detail, by both the General Manager and Director of Administrative Services, to identify the firm that best meets the needs of the District. The proposals were evaluated based on each firm's: technical ability, documented past performance with like agencies, financial ability, and risk ranking. In addition to these key indicators, the responses were reviewed against the District's current Budget and Fiscal Policies to ensure that the proposal was in line with the District's overall RFP Scope of Services (see attached).

Urban Futures, Inc (UFI) is staff's recommendation. They had a clear understanding of the scope of services and a distinct approach that focused on developing a comprehensive financing plan before any debt financing ever takes place. UFI recommended the development of a financial planning model that will integrate with the Capital Improvement Plan, and rate study, which aligns with the District's funding objectives and strategic planning goals. The end result is expected to provide a cost-effective model that the District can use going forward to make key strategic financial decisions, including the evaluation of rate increases, capital investments, and financing options.

UFI will work with the District to examine all financing options, including grant or loan programs. They will also assist with maintaining reserve levels, which strengthens the District's credit rating and makes borrowing more cost effective. UFI also recognized that the District's internal capacity to manage projects is a limitation on project completion regardless of financial limitations. This understanding of local agency dynamics is crucial and will help define the strategy of funding projects and the timing of project implementation. Finally, they outlined the importance of Board input to establish clear project prioritization to ensure that the District's policy objectives are attained.

Should the District determine bond issuance is required, UFI could serve as the advisor and assist the District in the process to ensure lowest cost and that alignment to the plan occurs. Their initial engagement is for the development of a financing plan, but if the District decides to issue bonds, they could assist with the entire process from preliminary analysis and recommendation to post issuance compliance. As an advisor to the District, they will not just work with staff but will also provide presentations to the Board to ensure that every recommendation is thoroughly understood and clear.

Staff presented this to the Finance Committee on September 22 and is was approved to bring forward to the full Board. The contract falls under the purchasing authority of the Director of Administrative Services and the General Manager, so no Board action is

required at this time. The use of a financial advisor is a new direction for the District, so staff and the Finance Committee felt it was important to also bring forward the discussion to the full Board before proceeding.

FINANCIAL CONSIDERATIONS:

UFI charges on an hourly basis, as opposed to being paid on a contingent basis from the proceeds of a future bond sale, to ensure that conflict of interest does not arise in the advice and recommendations they provide. The estimate for the development of a financing plan is not-to-exceed \$20,000.

The GFOA recommends that government agencies enlist the services of an Independent Registered Municipal Advisor (IRMA) in association with the issuance of bonds. Municipal Advisory fees associated with a future bond issue (should the District decide to pursue this option), will be incorporated into the costs of bond issue, which are expected to range between \$30,000-40,000. The actual fees depend on the method of sale and complexity of the issuance.

The District's current budget for Fiscal Year 2020-21 did not contemplate this additional contract. However, the \$20,000 contract would be a one-time cost and staff have identified funding that can be reallocated for this effort. Considering the critical nature of this work, staff believes this is the best use of District resources.

Agenda Item

DATE: October 14, 2020

TO: Michael Minkler, General Manager

FROM: Damon Wyckoff, Director of Operations

SUBJECT: Discussion/Action to Authorize Sub-Leasing Warehouse Space from Habitat for Humanity

RECOMMENDED ACTION:

Motion: _____/_____ by Minute Entry to authorizing the General Manager to enter into a sub-lease with Habitat for Humanity for warehouse space at 740 Pool Station Road in San Andreas.

SUMMARY:

CCWD staff were provided with a proposition to take over the lease of the current tenant operating the thrift store located next door to the District's Mechanics Shop off Pool Station Road. There are compelling reasons as to why the District should assume responsibility for the lease and carry it out for the two-and-a-half-year remainder of the term.

CCWD does not currently have a central warehouse. This fact makes it difficult for the District's Purchasing Agent to leverage bulk pricing and creates complication in coordinating material deliveries to the different regional warehouses. In order to optimize pricing, an order is delivered to one District site and then broken down by the Purchasing Agent and delivered to the other regional facilities. This is a cumbersome approach to cost savings.

With a Central Warehouse, bulk orders can be delivered to one site and field supervisors can replenish their regional warehouse inventory when visiting the Mechanics Shop and/or Administrative Office. A Central Warehouse crystalizes the ability of the Purchasing Agent to monitor and maintain inventory. Items can be "purchased" from the warehouse by District staff noting need/use and location. This approach eliminates inventory uncertainty, enhances inventory control, provides a real-time assessment of need, leverages better pricing, and can reduce purchasing authority for certain individuals and/or material and equipment.

Inventory uncertainty is eliminated with this approach as a minimum amount of stock can be kept in the Central Warehouse to replenish regional sites as needed. For example, during a recent weekend main break emergency in West Point it was discovered the West Point Warehouse lacked the repair parts to address the emergency failure. One needed item was located in the La Contenta Warehouse, but the other item was in the White Pines Barn in Arnold. Field staff working to make the repair were forced to wait while parts were delivered from La Contenta. Recognizing travelling to White Pines to obtain the other necessary part would add hours to the job, Field staff reached out to the Amador Water Agency for the final part. Were CCWD to have a Central Warehouse, situations like this could be avoided.

The Purchasing Agent can better manage inventory by using a centralized warehouse to feed the regional sites. Items “purchased” from the Central Warehouse will be documented as to location and number creating a record of use. The District can tangibly understand how much of each item is used and how often through a Central Warehouse inventory. Multiple warehouses and delivery sites introduce confusion and uncertainty in inventory use and need. Departments often share inventory as illustrated in the West Point main break example.

Providing vendors the opportunity to ship to one site allows the District to save money on shipping costs through larger bulk deliveries. The Purchasing Agent would have the ability to break deliveries down by service area/department and then allow Field staff the opportunity to pick up when nearby.

A Central Warehouse manned by the Purchasing Agent can now provide the District the ability to reduce purchase allowances for heavily used items. Requiring staff to purchase these items from the Central Warehouse can help reduce purchase reconciliation work efforts and avoids hardware store markups.

This 5,760 square foot warehouse space with two 1,500 square foot mezzanines would provide CCWD with a place to store large material items normally kept outside at regional yards (ductile fittings, large repair clamps, pipe, etc.). It would also provide a secure storage site for additional equipment in need of repair that cannot fit and the mechanic’s shop. It provides a place to receive large deliveries such as equipment and treatment system components. Moreover, the District can consolidate deep storage items from all disciplines at this warehouse. If staff need to access hardcopy documents in deep storage such as Engineering mylars they would be less than five minutes away from the Administrative Building. Consolidating deep storage items in the warehouse reduces clutter at other District facilities and can provide for more office space at other sites.

The opportunity to rent warehouse space next door to the District’s shop and less than a mile away from the administrative building provides CCWD with the ability to understand exactly how a District Warehouse should be organized and operated. It provides an understanding of what is and isn’t necessary in a District Warehouse. It allows CCWD to vet the viability of a central warehouse and to understand the benefits it may provide

without any long-term constraints. Recently the CCWD Board approved the purchase of the property next door to the Administrative Building and District staff worked intently on the design of a shop and warehouse to be constructed on this property and put the project out for bid. The Bids were cost prohibitive and the project had to be postponed in order to streamline the design. The Warehouse portion of the plans were removed from the initial phase. Leasing the warehouse space off Pool Station Road provides knowledge through experience so that when CCWD ultimately does work to construct a warehouse next door to the District Shop and Administrative Building, it is built based on the unique needs of the District.

Although there will be added un-budgeted costs associated with leasing warehouse space, CCWD will be provided with the opportunity to define what a Central Warehouse truly means to its operation. Given the fact that the warehouse space is located next to the Mechanics Shop, it provides efficiencies across disciplines currently unavailable to the District. Overall, leasing this warehouse space will provide experience, eliminate uncertainty, improve operations, and save money.

FINANCIAL CONSIDERATIONS:

The estimated lease expense is \$2,800 per month, \$22,400 for the remainder of the fiscal year, \$33,600 per fiscal year, or \$84,000 for the full term of two and a half years. Additional costs to consider: Pallet Racking, \$5,000; Computer System, \$600. Additional shelving can be obtained from Vendors.

The 2020/21 Fiscal Year Budget includes a \$35,000 budget in Building Repairs that could be used for this fiscal year and would fall within the General Manager's authority per Budget and Fiscal Policies, Financial Management Policy 5.00.2.14, whereby "Budget items delegated to the General Manger: transfers between budgeted activities or departments within a fund."

Attachments: *None*

Agenda Item

DATE: October 14, 2020
TO: Board of Directors
FROM: Michael Minkler, General Manager
Brad Arnold, Water Resources Program Manager
SUBJECT: Proposal for Permanent Storage in New Melones Reservoir

RECOMMENDED ACTION:

Motion: _____ / _____ by Minute Entry approving Submittal of the Draft Proposal to the Bureau of Reclamation

SUMMARY:

Receive and discuss information regarding development of a proposal to establish a storage share for CCWD in New Melones Reservoir. Staff recommends the Board of Directors approve the proposal to be sent to the Bureau of Reclamation for review.

Calaveras County Water District (CCWD) has considered procuring a permanent storage share in New Melones Reservoir (New Melones) to establish key storage resiliency along the Stanislaus River and to help prepare for uncertain future conditions (e.g., droughts and limited water supply conditions, future demand trends). This request is based on Section 4006 of the Water Infrastructure Improvement Act of 2016 (WIIN §4006), which requires the Bureau of Reclamation (Reclamation), the owner and operator of New Melones, to work with local districts in the Stanislaus River Basin to determine whether water storage can be made available in New Melones under revised operations plans. New Melones has a capacity of 2.4 million acre-feet to support Central Valley Project (CVP) operations and downstream users, with around 450,000 acre-feet reserved during fall and winter for flood control, and is located on the Stanislaus River between CCWD's Ebbetts Pass and Copperopolis/Copper Cove Service Areas, as shown in Attachment A.

Request Background

CCWD first requested New Melones storage in 2016, sending a briefing paper to Reclamation in April 2016. That request focused on storage opportunities for CCWD in New Melones for regional benefit and to support Reclamation reservoir operations and local demands using CCWD's post-1914 water rights in the Stanislaus River Watershed (Stanislaus Water Rights). Additional work has been performed since to establish the basis for making the Stanislaus Water Rights water available for storage, given WIIN §4006 requirements of water supply consistency with State Water Resources Control Board (SWRCB) Water Transfer Guidelines (Guidelines). Per the Guidelines, any new storage in New Melones and future Service Area consumptive use of the stored water would not, and cannot, increase CCWD's net consumption of its Stanislaus Water Rights (i.e., not cause impacts to downstream users reliant on Stanislaus River water rights).

Following CCWD's latest July 24, 2020, web-conference with Reclamation staff, CCWD was asked to develop a detailed proposal of a New Melones storage request for Reclamation's review. CCWD staff have developed a proposal document (Proposal) highlighting some key CCWD background information and providing a review of New Melones historical operating data, justification of water supplies made available for storage, and an overview of some of the factors leading to CCWD's request. A copy of the Proposal, planned for submission to Reclamation, is provided in Attachment B.

Storage Request

Details of CCWD's New Melones storage request are provided in the Proposal, with some highlights provided below:

- CCWD's request is that up to 13,800 acre-feet of storage in New Melones be made available as a permanent share for CCWD (CCWD Storage), for use in its Service Areas per the places of use allowed in the Stanislaus Water Rights by the SWRCB.
- Water made available for CCWD Storage is based on conservation of the Stanislaus Water Rights, normally used in the Service Areas (when compared to an established baseline year). Conserved water is calculated via assessment of water treatment plant production by 'gallons per capita daily' (GPCD) usage for each Service Area, given a range in historic populations for each Service Area.
 - Review of treatment plant production and GPCD provides an accurate representation of changes in customer deliveries for both indoor and outdoor (landscape) water uses, as well as decreases in conveyance (leak) consumption. Neither Service Area has discharges or outflows made available to downstream users (i.e., return flows), meaning CCWD's conservation and leak repair efforts have led to decreases in net consumption over time.
 - Approximation of conserved water via this GPCD assessment is consistent with the most recent water planning legislation (SB x7-7, 2010) and long-term standards for the efficient use of water in California (AB 1668, 2018).
- CCWD wishes to store enough of its Stanislaus Water Rights water in New Melones equivalent to 10-years of water made available for delivery to its customers in the Service Areas (i.e., an amount approximately 10-times the annual conserved water made available). This capacity provides some resiliency for CCWD to plan for uncertain water supply conditions in the Service Areas and helps prepare for increasing future demands in these areas of Calaveras County.
- There exists regulatory uncertainty regarding future use of the Stanislaus River and other tributary flows, following issues such as the pending Bay Delta Water Quality Control Plan Update. A review of New Melones operating data is provided to analyze potential future impacts on outflows and flood control operations to accommodate the CCWD Storage. This analysis indicates that the modest CCWD Storage should not directly conflict with reservoir operations (i.e., required releases) or with downstream users.
- CCWD should anticipate that existing CVP and other dedicated storage pools in New Melones would retain operational and spill priorities over any CCWD Storage. Details would need to be established in future agreement(s) with Reclamation.

Next Steps

The following are the anticipated next steps necessary to obtain the CCWD Storage in New Melones, subject to change:

- Reclamation will review the Proposal to assess the proposed storage volume given CCWD's conserved water estimates, long-term reservoir operational projections, and their obligations under WIIN §4006 and the SWRCB Guidelines. CCWD should plan for response(s) to Reclamation's comments and to provide follow-up materials, as requested.
- If approved by Reclamation, two parallel processes follow:
 1. CCWD to petition the SWRCB for change in point of diversion and storage of post-1914 Stanislaus Water Rights to allow for storage of CCWD conserved water in New Melones (possible SWRCB hearing).
 2. Negotiation of a Warren Act contract with Reclamation to provide contractual basis for storage and conveyance of non-CVP water in a federal reservoir.
- These actions will likely trigger environmental review and assessment per the California Environmental Quality Act (CEQA) and/or National Environmental Policy Act (NEPA). Specific CEQA and NEPA levels of analysis will be determined as details and activities from each step are made clear. For NEPA, Reclamation would lead the process but will charge CCWD for their staff time and involvement.
- Note that potential litigation risks exist for each of these steps.

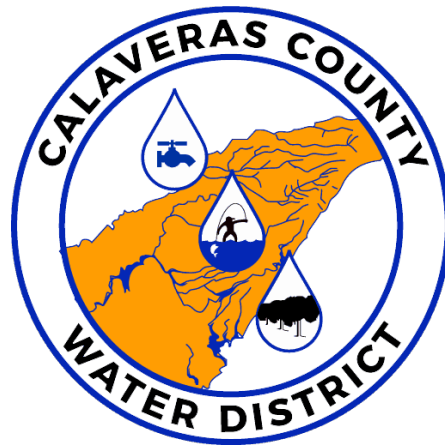
It is unclear the exact timeline for completion of Reclamation's review, a SWRCB water rights petition, and execution of a Water Act Contract; however, CCWD should plan for 2 to 3 years based on other similar water agency non-CVP storage requests made to Reclamation. The total cost to obtain the CCWD Storage is anticipated to be around \$250,000 to \$385,000, not counting any additional litigation expenses – most costs occur during the parallel processes following Proposal approval. Staff will continue to update the Board of Directors as progress is made with Proposal review, and will plan to seek approval prior to commencing the subsequent steps.

FINANCIAL CONSIDERATIONS:

No direct costs are expected with submission of the Proposal to Reclamation for review. However, it is anticipated that \$10,000 to \$15,000 may be needed to complete the Proposal review process once sent to Reclamation, including legal and consultant support for response(s) to comments and in providing follow-up materials. Some costs are budgeted in FY 2020-21 by CCWD under 'Outside Legal Services' to support this and other similar work (Water Resources Dept. 60, Fund 60505). The Board of Directors approved the FY 2020-21 budget on June 24, 2020 (Resolution No. 2020-44). Additional dedicated funds will be needed to support subsequent steps, but these expenses will be provided to the Board of Directors for review as needed.

Attachments: *New Melones Area Map*
Proposal Document

[DRAFT]
Calaveras County Water District Proposal
to
Establish a Permanent Storage Capacity of
13,800 acre-feet in New Melones Reservoir
Through a Conserved Water Approach



Calaveras County Water District
Water Resources Department
120 Toma Court, San Andreas, CA 95249

Submitted to the Bureau of Reclamation
Central California Area Office, Folsom, CA

Executive Summary

Calaveras County Water District (CCWD) is requesting a permanent storage share in New Melones Reservoir (New Melones) to establish key storage resiliency along the Stanislaus River and to help prepare for uncertain future conditions (e.g., droughts and limited water supply conditions, future demand trends). This request is based on Section 4006 of the Water Infrastructure Improvement Act of 2016 (WIIN §4006), which requires the Bureau of Reclamation (Reclamation), the owner and operator of New Melones, to work with local districts in the Stanislaus River Basin to determine whether water storage can be made available in New Melones under revised operations plans.

CCWD's specific request is that up to 13,800 acre-feet of storage in New Melones be made available as a permanent share for CCWD (CCWD Storage), for use in its Ebbetts Pass and Copperopolis/Copper Cove Service Areas (Service Areas) per the places of use allowed by the underlying water rights. To satisfy the criteria of WIIN §4006, water made available for CCWD Storage is anticipated from conservation of the CCWD's post-1914 Stanislaus River Water Rights (listed in Appendix A), which are normally and consistently used in the Service Areas. Conserved water is calculated via assessment of historic water treatment plant production by 'gallons per capita daily' (GPCD) usage for each Service Area, given a range in historic census-data populations for each area compared to an established baseline year. The review of treatment plant production (sole Service Area inflow) and GPCD (usage) provides an accurate and quantifiable representation of changes in customer deliveries for both indoor and outdoor water uses, as well as decreases in conveyance (leak) consumption. CCWD's analysis suggests that around 1,100 AF/yr on average would reliably be made available from decreased demands and CCWD's conservation efforts (e.g., leak detection and repair, water use efficiency rebates, and public outreach programs), an approximate mid-point the maximum and minimum conserved water made available. Neither Service Area has discharges or outflows made available to downstream users (i.e., return flows), meaning these decreases have lowered CCWD's net consumption and presumably do not impact downstream users reliant on the Stanislaus River.

CCWD recognizes there is regulatory uncertainty regarding future use of the Stanislaus River and other tributary flows, following issues such as the pending Bay Delta Water Quality Control Plan Update or a New Melones 'Stepped Release Plan'. A review of New Melones operating data is provided in this proposal to analyze potential future impacts on outflows and flood control operations to accommodate the CCWD Storage. This analysis indicates that the modest CCWD Storage should not directly conflict with reservoir operations (i.e., required releases) or with downstream users. CCWD also anticipates that existing CVP and other dedicated storage pools in New Melones would retain operational and spill priorities over any CCWD Storage.

The CCWD Storage volume reflects CCWD's desire to store enough of its Stanislaus Water Rights water in New Melones equivalent to 10-years of water made available for delivery to its customers in the Service Areas (i.e., an amount approximately 10-times the annual conserved water made available), with a modest buffer to account for potential operational or demand timing constraints and/or evaporation or other reservoir losses. Given the New Melones Reservoir location between its two service areas, CCWD views the CCWD Storage as a means to build key storage resiliency along the Stanislaus River and to help prepare for uncertain future conditions in these areas of Calaveras County.

1.0 Background

This document provides an overview of Calaveras County Water District's (CCWD) request to the Bureau of Reclamation (Reclamation) for a new permanent storage share in the New Melones Reservoir (New Melones), part of Reclamation's Central Valley Project (CVP) Infrastructure. CCWD first requested storage in New Melones in 2016, providing a briefing paper to Reclamation staff in April 2018. The paper request focused on storage opportunities for CCWD in New Melones for regional benefit and to support Reclamation reservoir operations and local demands (e.g., Columbia Air Attack Base) using CCWD water rights to the Stanislaus River Watershed. Details in this proposal include a background, justification of storage for CCWD in Calaveras County (County), and the water supply basis for this request, among other considerations.

1.1 District Info

CCWD was organized in 1946 under the laws of the State of California as a public agency for the purpose of developing and administering water resources and wastewater services in the County (i.e., a California "Special District"). CCWD's boundaries encompass approximately 1,080 square miles of land ranging from the San Joaquin Valley to the Sierra Nevada Mountains; located approximately 135 miles east of San Francisco and 65 miles southeast of Sacramento. Land use and socioeconomic conditions are very diverse in CCWD. With elevations starting at 200 feet in west County nearest the Central Valley, there has been a shift in this area from vast cattle ranching to more residential development over the last century (e.g., Valley Springs and Jenny Lind). Areas in central County, including the Highway 4 Corridor from Copperopolis/Copper Cove to Arnold (Ebbetts Pass service area), have also seen more residential development and land conversion to permanent crops (e.g., vineyards) over time. Additionally, northern and eastern mountainous and rural parts of the County still host many mining, timber, and tourism (outdoor recreational) activities.

CCWD currently provides water service to approximately 13,200 municipal and residential/commercial customers in six major water service areas mostly in western and central parts of the County, as shown in Figure 1. CCWD also maintains four major wastewater service areas providing sanitary sewer services to approximately 5,100 customers and some recycled water for irrigation purposes. Most water supplies for CCWD originate from surface water rights on the Mokelumne, Calaveras, and Stanislaus Rivers, in addition to some limited groundwater supplies from parts of the Eastern San Joaquin Subbasin. Most of CCWD's water is accessed from storage in New Spicer Meadow Reservoir in the Stanislaus National Forest, which is operated by the Northern California Power Agency (NCPA) for power generation purposes, and relatively smaller reservoirs located throughout the County. CCWD is the largest public water purveyor in the County in terms of service area, number of customers served, and the amount of water delivered.

1.2 WIIN Act

Section 4006 of the Federal Water Infrastructure Improvement Act of 2016 (WIIN §4006) requires Reclamation to work with local districts in the Stanislaus River Basin to explore water storage made available in New Melones by the Draft Plan of Operations (DRPO). WIIN §4006 is the foundation for CCWD's request, providing for a (potential) storage program to benefit regional water management using its water available under existing water rights.

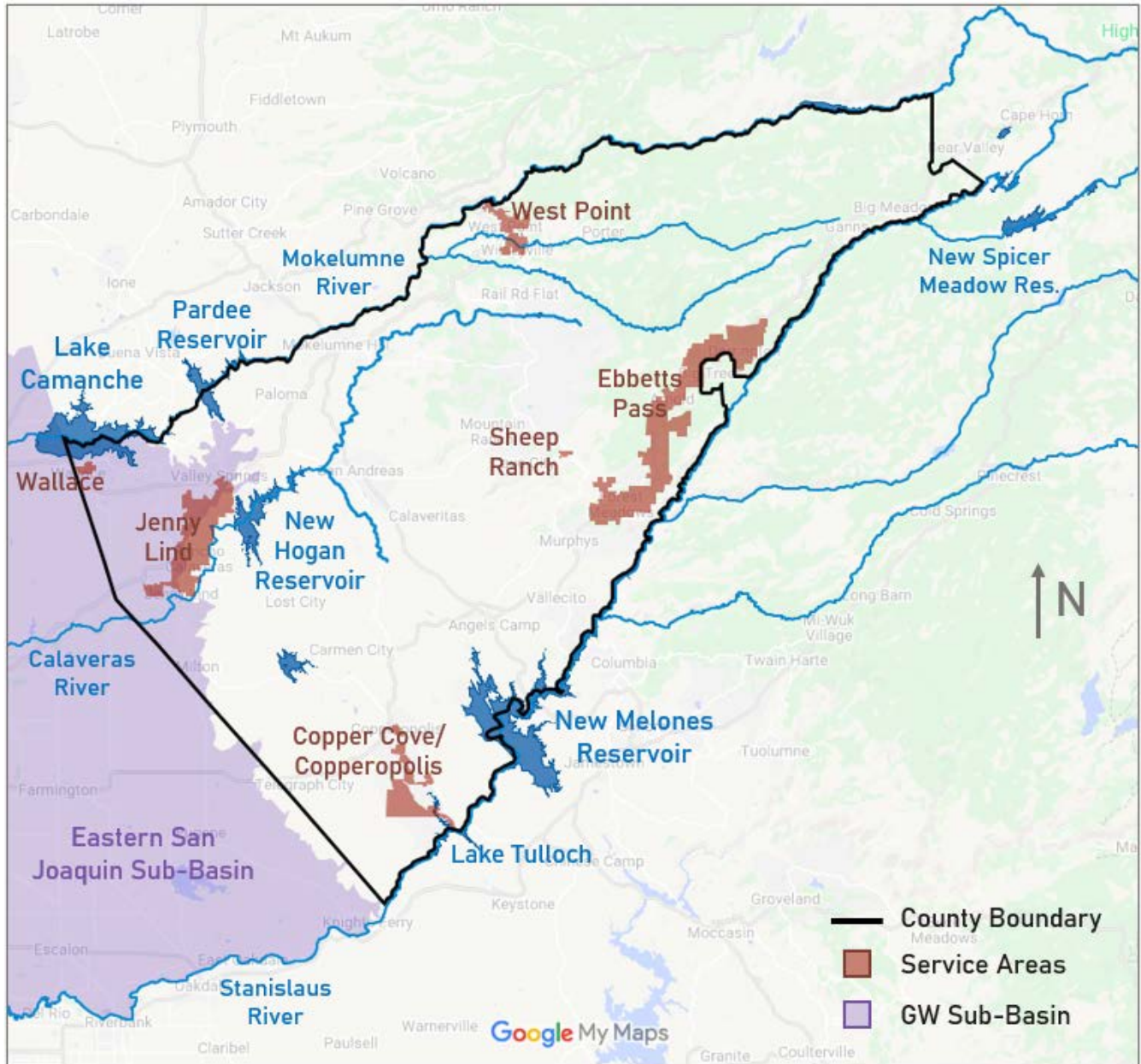


Figure 1. CCWD Overview

2.0 Storage Request

CCWD's request is that up to 13,800 acre-feet (AF) of new storage in New Melones be made available as a permanent storage share to CCWD (CCWD Storage). CCWD Storage would be utilized to improve operational flexibility and to prepare for increasing water demands and drought conditions in the County. The proposed value (roughly) equates to the amount CCWD has the potential to fill within 10-years from locally conserved water made available, as described in Section 3.2. CCWD fully anticipates that existing Reclamation CVP and other dedicated storage pools would retain operational and spill release priorities over any new CCWD Storage. Going forward, CCWD would work with Reclamation's Central Valley Operations staff regarding the submission of annual storage and release scheduling per Reclamation guidelines.

2.1 New Melones Overview

Figure 2 illustrates the historical gains to, releases from, and accumulation of New Melones storage since 1986, from annual data available provided by the California Department of Water Resources' (DWR) California Data Exchange Center (CDEC) for Station ID NML¹. According to CDEC, historical 'Top of Conservation' (TOC) appears to follow cyclical operations making around 430 thousand AF (TAF) available for runoff capture from November through March of each year. Although operations will vary for future hydrology, the historical data suggests there are only relatively few instances, less than 6 percent of time², where additional storage for CCWD would have been subject to operational constraints or potential spill releases.

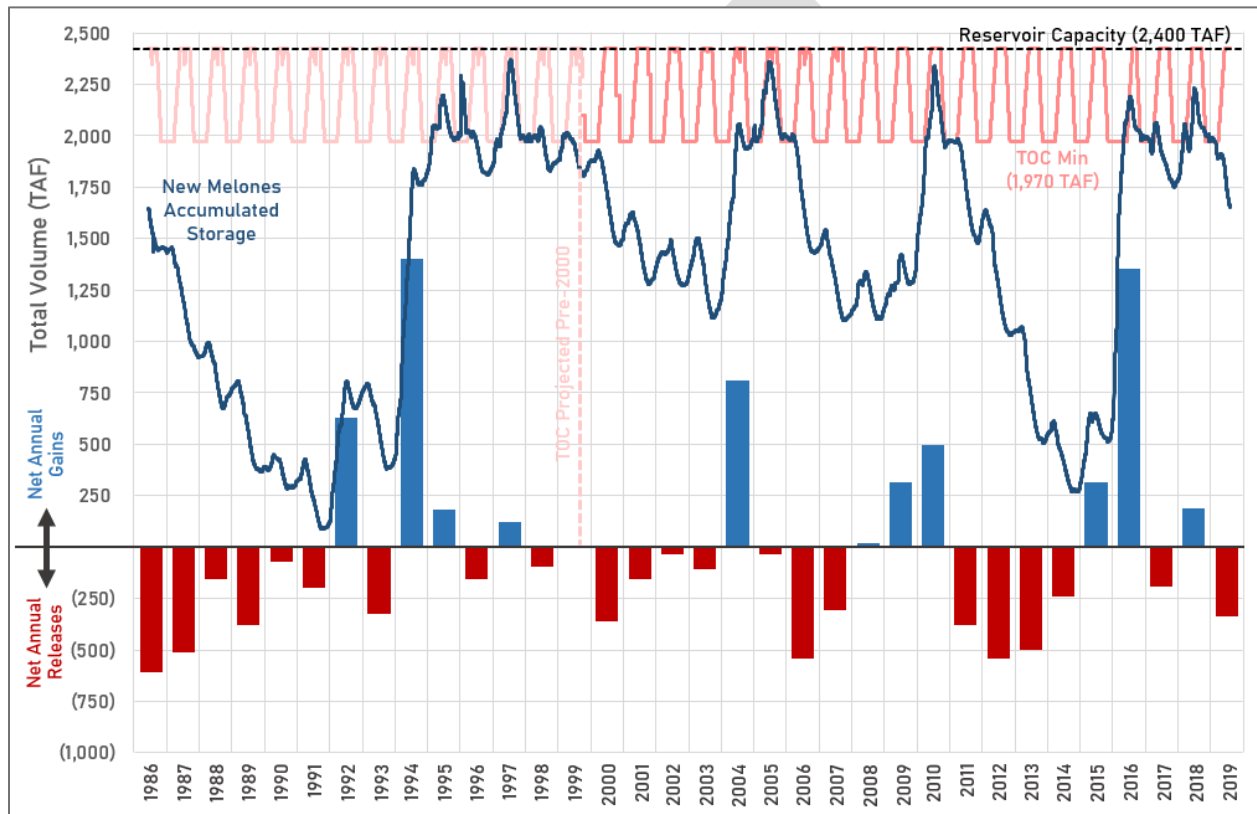


Figure 2. New Melones Historical Operating Data

Future operations of New Melones by Reclamation remain uncertain given pending finalization of the DRPO and potential unimpaired flow criteria imposed by the Bay Delta Water Quality Control Plan (BDWQCP) and/or New Melones OCAP Biological Opinions. It is plausible that releases from New Melones may need to increase to account for these regulatory constraints – meaning less potential instances of CCWD's storage pool conflicting with TOC operating conditions (i.e., less potential spill) going forward, although changing precipitation patterns due to anticipated climate change impacts could also force changes to reservoir

¹ CDEC Station ID NML, consolidated monthly reservoir storage data (Sensor Number 15; 10/1/1986 to 7/28/2020). 'Top of Conservation' pool storage, indicating the maximum normal operating level for New Melones, also available for shorter time period (Sensor Number 94; 10/1/2000 to 7/28/2020); projected prior to date.

² Historical data suggest following potential spill years, where releases appear to be made due to TOC operational constraints; during 1996 and 1997 (i.e., 2 yrs of 34-year period, approx. 6%).

operating rules³. Table 1 illustrates some potential release and TOC scenarios for New Melones using the historical data, and the potential remaining water storage available.

Table 1. Potential New Melones Future Operational Conditions
(using gain/release re-balance under varied operational constraints)

Annual Release Increase %	TOC Min (TAF)	TOC Ops Start (Day)	Avg. Storage Available ¹ (TAF)	Years w/o CCWD Storage ²	Avg. Additional Releases ³ (TAF/yr)
0%	1,970	Sep 14	1,017	2	
10%	1,970	Sep 14	1,256	1	38.4
20%	1,970	Sep 14	1,419	1	76.7
40%	1,970	Sep 14	1,606	0	153.4
0%	1,800	Sep 14	1,064	3	0
10%	1,800	Sep 14	1,290	2	38.4
20%	1,800	Sep 14	1,422	2	76.7
40%	1,800	Sep 14	1,554	0	153.4
0%	1,600	Sep 14	1,148	6	0
10%	1,600	Sep 14	1,347	5	38.4
20%	1,600	Sep 14	1,436	5	76.7
40%	1,600	Sep 14	1,545	1	153.4
0%	1,970	Aug 15	982	2	0
10%	1,970	Aug 15	1,221	1	38.4
20%	1,970	Aug 15	1,384	1	76.7
40%	1,970	Aug 15	1,572	0	153.4
0%	1,800	Aug 15	1,015	3	0
10%	1,800	Aug 15	1,242	2	38.4
20%	1,800	Aug 15	1,373	1	76.7
40%	1,800	Aug 15	1,505	0	153.4
0%	1,600	Aug 15	1,084	6	0
10%	1,600	Aug 15	1,283	5	38.4
20%	1,600	Aug 15	1,371	4	76.7
40%	1,600	Aug 15	1,480	1	153.4
0%	1,970	Jul 15	946	2	0
10%	1,970	Jul 15	1,184	1	38.4
20%	1,970	Jul 15	1,347	1	76.7
40%	1,970	Jul 15	1,535	0	153.4
0%	1,800	Jul 15	964	3	0
10%	1,800	Jul 15	1,191	2	38.4
20%	1,800	Jul 15	1,322	1	76.7
40%	1,800	Jul 15	1,454	0	153.4
0%	1,600	Jul 15	1,019	5	0
10%	1,600	Jul 15	1,218	4	38.4
20%	1,600	Jul 15	1,307	4	76.7
40%	1,600	Jul 15	1,412	1	153.4

Worst cases highlighted (i.e., spill conditions and/or unavailable space for CCWD water).

¹ Average storage or 'free space' available in New Melones below TOC criteria according to 1986 to 2019 historical data, and per re-balance conditions shown in first three columns.

² Number of years/instances where less than 13,800 AF CCWD Storage available in New Melones to satisfy conditions.

³ Average volume of additional releases from New Melones to satisfy re-balance conditions.

³ More TOC space may be needed in New Melones under certain climate change scenarios where a warmer climate leads to more liquid precipitation events versus snowpack (i.e., more direct and immediate runoff in future). These conditions could force earlier TOC release operations each year, and require more reserved space to prepare for intense runoff. Note, specific operational changes under climate change remain uncertain.

In most scenarios New Melones appears to have enough capacity to accommodate a modest CCWD Storage quantity; under the TOC operating constraints and per the historical gain/release figures. Going forward, increases in TOC pool to accommodate possible climate change conditions could increase the number of instances where storage is generally limited and CCWD water supplies could spill – historical patterns suggest worst case of 15 to 18 percent of years – however, corresponding increases in required releases due to regulatory constraints on the Stanislaus River could also help ease that concern by decreasing stored water.

Reclamation has proposed to operate New Melones (as measured at Goodwin Dam) in accordance with a ‘Stepped Release Plan’ (SRP) that varies by hydrologic condition and water year type as shown in Table 2⁴. SRP-defined flows were not explicitly analyzed by CCWD given that increases to outflows/releases do not appear to increase the number of instances where CCWD Storage conflicts with reservoir operations in the re-balance scenario assessment. In critical and dry years where releases may ultimately be decreased under the SRP, potential issues with CCWD Storage depend on the preceding year’s hydrology and the end of year reservoir storage level. New Melones is a large reservoir relative to its annual inflows, and flood control operations are relatively infrequent, where CCWD Storage appears much more sensitive to TOC operating constraints versus release changes it does not appear the SRP would have significant impacts on CCWD water storage in the reservoir; however, more information on the SRP and finalization of the proposed releases is needed.

Table 2. Proposed New Melones SRP Annual Releases by Water Year Type

Water Year Type ¹	SRP-Proposed Release (TAF/yr)	Historical Avg. Release ² (TAF/yr)	Release Diff ³ (TAF/yr)	Historical Avg. EOY Storage ² (TAF)
Critical	184.3	449.7	-265.4	738.7
Dry	233.3	404.5	-171.2	1,262.2
Below Normal	344.6	336.8	+7.8	1,480.2
Above Normal	344.6	285.6	+59.0	1,745.6
Wet	476.3	342.0	+134.3	1,836.9

¹ Assumed based on San Joaquin Valley Water Year Index, see: cdec.water.ca.gov/reportapp/javareports?name=WSIHIST.

² Per water year-type assessment of NML historical operations data (CDEC), shown in Figure 2.

³ Illustrates difference between SRP-Proposed release and average historical data; indicative of change in release operations proposed by Reclamation. *Note: wet year type proposed difference relatively close to 40% release increase scenario in Table 1 analysis.*

CCWD will continue to monitor discussions surrounding the SRP, DRPO, and BDWQCP and possible release requirements from the Stanislaus River Watershed. CCWD understands the uncertainties surrounding these pending issues, and recognizes the impact these could have on its use of New Melones for storage in the future.

3.0 Water Supply Availability

CCWD serves the Ebbetts Pass and Copperopolis/Copper Cove service areas using its post-1914 appropriative water rights to beneficially utilize the Stanislaus River. These water rights are listed in Appendix A. The upstream Ebbetts Pass area receives water from the North Fork Stanislaus via a diversion from the Collierville Tunnel, part of NCPA’s Collierville Powerhouse infrastructure, to the Hunters Water Treatment Plant (WTP) as shown in Figure 3.

⁴ Per Reclamation Bay-Delta Office Biological Assessment Proposed Action (Section 4.10.6.1), draft document available at: <https://www.usbr.gov/mp/bdo/docs/ba-chapter-4-proposed-action.pdf>.

Ebbetts Pass is CCWD’s largest service area for approximately 6,000 municipal and industrial (M&I) connections including most of Arnold and Dorrington along the Highway 4 Corridor. The downstream Copperopolis/Copper Cove system diverts water from Lake Tulloch to supply around 2,600 M&I connections in southwestern parts of the County. CCWD has benefited from its Stanislaus River water rights, as well as other more senior (pre-1914) water rights in the region, to manage hydrologic variability⁵ and to satisfy its local water demands. As the County continues to develop, primarily in the southwestern areas near New Melones and along Highway 4, CCWD will need additional water supplies and reliable storage to help satisfy the existing and new water users.

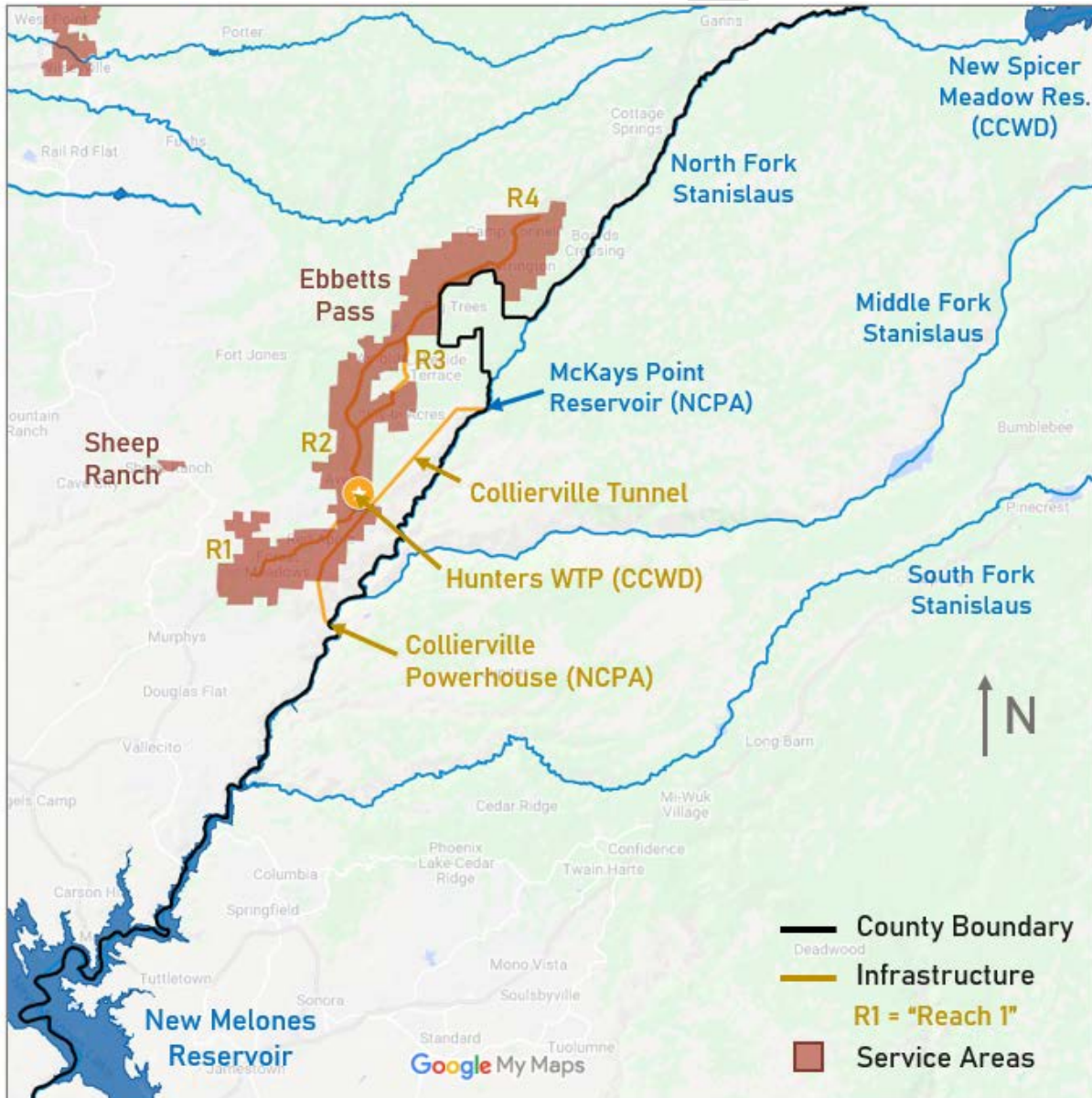


Figure 3. CCWD Ebbetts Pass System

⁵ CDEC Stanislaus River at Goodwin (Station ID SNS) data indicate an annual ‘full natural [river] flow’ (FNF) long-term minimum of 347 TAF (2015) and maximum of 2,983 TAF (1983), with variation of approx. 739 TAF/yr indicating a very wide range of annual Stanislaus River FNF values (Sensor Number 65; 10/1/1980 to 9/30/2019).

Potential New Melones storage under WIIN §4006 requires that water supplies used to fill that storage are made available consistent with California Water Transfer Guidelines⁶ (Transfer Guidelines). Also pursuant to State law and the Transfer Guidelines, water diverted to storage in New Melones must also satisfy the legal criteria under California Water Code (CWC) §1810(d) to ensure that CCWD Storage will not cause injury to other water users, and will not result in (1) unreasonable impacts on fish and wildlife and instream uses, and (2) unreasonable economic or environmental impact on the county in which the transfer water originates. Subsequent sections detail the Stanislaus River Watershed and its water users, and the basis for CCWD making water available for storage in New Melones.

3.1 Stanislaus River Watershed

The Stanislaus River Watershed drains approximately 1,075 square miles (688 thousand acres) and is generally divided into two sections – the mountainous “Upper Watershed”, where the vast majority of flow originates, and the heavily developed “Lower Watershed” where it flows across the San Joaquin Valley to its confluence with the San Joaquin River near Vernalis. It is in the Upper Watershed, consisting principally of canyons and ridges varying around 2,000 feet from river to mountain tops, where CCWD’s has most of its interests and water rights (Appendix A). As with most San Joaquin River tributaries the Stanislaus River is heavily developed and appropriated for varying beneficial uses within the Mountain Counties and the upper San Joaquin Valley. CCWD recognizes the diversity of these interests in the watershed and commits to causing no harm for other users in its utilization of New Melones Storage.

Most of CCWD’s current use of its post-1914 Stanislaus River water rights occurs upstream of New Melones along the North Fork of the Stanislaus River. These rights originate in Calaveras County and would continue to be focused on beneficial uses in-county, albeit potentially in areas downstream of current demands. The water made available for CCWD Storage will originate from quantifiable reduced diversions from the river to CCWD’s Hunters Water Treatment Plant to meet Ebbetts Pass demands, and reductions in Lake Tulloch diversions for the Copperopolis/Copper Cove Service Area (i.e., conserved water). While difficult to quantify, there would likely be minimal adverse impacts to fish and wildlife and instream uses along the Stanislaus River by allowing the water to remain instream to New Melones or Lake Tulloch.

New Melones operational data shown in Figure 2 indicates an average end of year storage is around 1,315 TAF – total CCWD Storage request is approximately 1 percent of that amount – and that net annual releases may average 271 TAF. The CCWD Storage represents a relatively modest amount which would likely have minimal impacts on future operations for environmental purposes while, at best, perhaps improving some available deeper ‘cold water pool’ for downstream Stanislaus River fish benefits⁷. Historic New Melones storage data¹ also suggest that Reclamation generally operates the reservoir to balance long-term Stanislaus River inflows with releases for downstream users – rarely filling the total available space, as

⁶ Per WIIN §4006: “The source of water for any such storage program at New Melones Reservoir shall be made available under a valid water right, consistent with the State water transfer guidelines and any other applicable State water law.” Based on and consistent with DWR and Reclamation’s “Technical Information for Preparing Water Transfer Proposals” (Dec. 2015), available at: <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/Water-Transfers/Files/Technical-Information--for-Preparing-Water-Transfer-Proposals-December-2015.pdf>.

⁷ Although New Melones annual releases for environmental purposes prevented by CCWD Storage could likely be less than amount of seepage and evaporative losses of that water in the Lower Watershed.

shown in Section 2.1. As such, an additional pool for CCWD Storage should not directly conflict with downstream users reliant on separate New Melones storage as more water is effectively being made available in the reservoir (as inflows) to balance out short-term releases. As stated in Section 2.0, CCWD would work with Reclamation's Central Valley Operations staff regarding the submission of annual storage and release scheduling per Reclamation guidelines.

3.2 Conserved Water

Water made available for CCWD Storage is based on conservation of CCWD's post-1914 water rights on the North Fork Stanislaus River, normally used in the Ebbetts Pass and Copperopolis/Copper Cove Service Areas (compared to a 2013 baseline⁸). Tables 3A and 3B show assessments of the average annual conserved water supplies measured by water treatment plant production assessed by 'gallons per capita daily' (GPCD) usage for each service area, given the historic range in population estimates⁹ for that area – representative of customer deliveries for both indoor and outdoor (landscape) water uses, as well as decreases in conveyance (leak) consumption. Historic 2013 through 2019 GPCD values for these service areas are shown in Figure 4, with high and low ends of the GPCD range illustrating the uncertainty embedded in area population estimates and household water usage (i.e., differences in monthly usage owing to part-time residents and summer tourism increases). To determine the conserved water portion, the monthly water treatment plant production data for each area¹⁰ was subtracted 2013 production numbers resulting in an annual average daily per capita of conservation. Approximation of conserved water via this GPCD assessment is consistent with the most recent water planning legislation (SB x7-7, 2010) and long-term standards for the efficient use of water in California (AB 1668, 2018). Figure 5 illustrates the range in potential total conserved water (volume per year) realized by CCWD during this time period, between 227 and 1,441 AF/yr on average made available from both service areas (i.e., 116 to 951 AF/yr from Ebbetts Pass, and 111 to 490 AF/yr from Copperopolis/Copper Cove). CCWD's conservation efforts leading to these decreased demands, specifically for the Ebbetts Pass and Copperopolis/Copper Cove Service Areas, include the following projects and programs:

- *Leak Detection and Repair Program:* CCWD maintains water supply and customer delivery information to identify potential instances of leaking conveyance infrastructure¹¹. Operations and engineering staff perform regular field-level assessments using leak detection equipment to monitor CCWD's service areas and specific customer turnouts on a rolling annual basis using advanced digital leak detection equipment. Leaking

⁸ During 2014-2015 drought, California Governor Jerry Brown mandated by Executive Order B-29-15 (4/1/2015) an overall 25 percent reduction in water use, compared to baseline 2013 demands. This order resulted in 2013 usage as the baseline for state-mandated conservation and directed the measurement of that reduction to be in terms of relative per capita water usage.

⁹ According to federal Census Designated Place (CDP) data from American Community Survey (ACS) for demographic and housing estimates from 2013 through 2018, and estimated for 2019 (ACS 5-Year Estimates Subject Tables, ID: DPO5 and S1101/DPO4). Analyzed for Arnold CDP and Dorrington CDP, for Ebbetts Pass Service Area, and Copperopolis CDP for Copperopolis/Copper Cove Service Area. Data available on data.census.gov web-portal.

¹⁰ Each area is served by a single water treatment plant (i.e., a single point of inflow).

¹¹ Data are used in state-mandated urban water loss audits and reporting, required per SB 555 (2015). CCWD follows requirements set for in the California Water Code regarding how to conduct and validate water loss audits, the technical qualifications for persons performing audit validation, and other reporting requirements.

infrastructure is generally identified for repair through a combination of CCWD capital improvement budget and state or federal grant funds.

- Since 2017, key infrastructure leak repairs completed by CCWD include:
 - Ebbetts Pass Reach 3 Pipeline Replacement of about 20,000 feet with 12-inch diameter transmission pipeline (\$5.3 mil total; \$1.378 mil from USDA grant funds).
 - Replacement of two existing leaky redwood water storage tanks in Ebbetts Pass Service Area (near Big Trees) with steel tanks of fire-resistant construction (\$2.8 mil total; \$2.1 mil from FEMA Hazard Mitigation grant funds).
 - *Ongoing:* Ebbetts Pass Reach 1 Pipeline Replacement of about 5 miles with 12-inch diameter transmission pipeline (\$7.5 mil total from CCWD Capital Renovation and Replacement Fund).
- Water supply and demand quantity audits⁸ of the Ebbetts Pass service area have been compiled since 2015, which have largely confirmed the treated water decreases realized through fixing conveyance and customer delivery system leaks (audits provide estimations of system losses). These data are submitted to DWR as part of CCWD state-mandated urban water loss audits and reporting, and are independently verified by American Water Works Association (AWWA) water audit validators.
- *Water Use Efficiency Rebate Program:* CCWD offers one-time customer rebates for installation or replacement of existing equipment to smart irrigation controllers, high-efficiency toilets, high efficiency clothes washers and other irrigation systems upgrades. An estimated 81 customers per year in CCWD's service areas have taken advantage of these rebates, which in cross-reference with Alliance for Water Efficiency data has helped inform CCWD as to the potential permanent decreases in customer water consumption (i.e., permanent gallons per capita daily (GPCD) consumption).
- *Public Outreach and News:* CCWD is active in web and news-based public notices aimed at conservation information and methods to increase in-county water use efficiency.
 - Includes ongoing work with the Tuolumne County Resource Conservation District (TCRCD) in 2017 to launch a partnership outreach program, helping advance water conservation programs in the Tuolumne-Stanislaus Integrated Regional Water Management planning area, which includes southern Calaveras County.
 - Water conservation notices and reminders are frequently provided on customer billing documents and on CCWD's external website.

The permanent populations for Ebbetts Pass and Copperopolis/Copper Cove Service Areas are estimated to be 5,329 and 4,982 people (from 2019), respectively. As shown in Tables 3A and 3B, summer months (May through September) treated water demands tend to be greater than others due to part-time residents and seasonal recreational users, among other factors. However, treated water demand trends since 2013 for both service areas suggest much of the decrease is permanent across all months of the year, and as such, may be attributable to CCWD's leak repair and conservation efforts listed above. Furthermore, there has been no sustained or consistent rebound in annual demands following 2013 values and the most recent drought.

Figure 6 shows CCWD estimates for future water treatment plant (WTP) production, service area population, and max/min conserved water volumes based on the average GPCD assessment and presumed long-term trends (e.g., consistent population and demand increases during summer months, and population migration from more-urban areas). Given the sustained trend of decreasing GPCD usage, an anticipated population increase does not necessarily lead to a proportional increase in WTP production to meet demands. Depending on the success of the aforementioned projects and programs, as well as, population trends and behaviors, CCWD anticipates the shown range between max and min conserved water volume by 2024 which is consistent with historical average data and trends. However, given the uncertainty surrounding forecasted conserved water made available for the CCWD Storage request CCWD has assumed that a median value between the maximum and minimum represents the greatest likelihood of actual conserved water availability going forward; a total of 1,100 AF/yr available by 2024 (i.e., roughly 650 AF/yr from Ebbetts Pass and 450 AF/yr from Copperopolis/Copper Cove). This relatively conservative estimate of decreased consumptive use of CCWD's Stanislaus River water rights over time, recognizing the uncertainties embedded in selecting either extreme estimate, should help to satisfy the Transfer Guidelines and ensure CCWD's water is made available for storage in New Melones (i.e., future consumptive use of the stored water downstream in Copperopolis/Copper Cove, for instance, would not increase CCWD's net consumption of its Stanislaus River water rights).

3.3 Storage Request

The CCWD Storage quantity is based around the 1,100 AF/yr on average made available from decreased demands and CCWD's conservation efforts, given the following assumptions:

- CCWD wishes to store enough of its Stanislaus River water rights in New Melones equivalent to 10-years of water made available for delivery to its customers in the County (primarily Copperopolis/Copper Cove). This time frame roughly corresponds with preparing for 2030 water demands projections, as discussed in Section 4.1, and represents a reasonable timeframe for handling future uncertain hydrology (droughts). This timeframe also roughly corresponds with the potential frequency of spill from New Melones according to the historical data¹.
- Reclamation's Central Valley Operations (CVO) suggests roughly 21.4% in evaporative losses from New Melones during the summer months for 2020, as a percentage of computed inflows¹². CCWD understands its storage in New Melones may be subject to evaporative losses taxed on stored quantities over a to-be-determined time period, per agreement and environmental review by Reclamation.
- To account for evaporation, and other potential storage and/or conveyance losses, a relatively modest 25% storage buffer of storage added to request account for release and other operational constraints (i.e., timing versus need and release to localized storage), coordination with Reclamation to release for energy generation or environmental purposes, peaking service area demands, and/or potential reservoir spill conditions (Nagy et al. 2002¹³).

¹² CVO data provided for New Melones for September 2020; percentage estimated from evaporation loss (cfs) divided by computed inflow (cfs). Suggests potential evaporative losses from reservoir during summer months, see <https://www.usbr.gov/mp/cvo/vungvari/nmldop.pdf>.

¹³ Percentage value not defined, but storage buffer for planning/design of reservoir storage suggested from: I.V. Nagy, K. Asante-Duah, I. Zsuffa. 2002. "Planning for Dams and Reservoirs: Hydrologic Design Elements and Operational Characteristics of Storage Reservoirs". Hydrological Dimensioning and Operation of Reservoirs, Springer Science Dordrecht, pp. 29-60.

Table 3A. Ebbetts Pass Service Area Treated Water Demands

Month	Treated Water GPCD Estimates (Range)								Slope (AF/yr)
	2013	2014	2015	2016	2017	2018	2019	Avg	
January	415-630	271-418	288-416	347-503	329-484	284-416	279-405	316-467	-22
February	325-493	260-401	299-432	334-485	327-481	300-439	361-524	315-465	8
March	193-411	164-355	179-349	181-352	196-387	210-414	182-353	187-374	-1
April	166-429	127-333	132-303	134-307	135-315	129-302	130-295	136-326	-16
May	163-480	127-377	120-305	132-340	143-374	124-322	117-294	132-356	-21
June	193-568	164-486	126-321	162-415	170-444	160-415	153-385	161-433	-20
July	218-642	173-514	154-392	206-530	206-537	195-507	185-466	191-513	-14
August	220-647	161-477	158-403	226-581	205-536	187-485	182-458	191-512	-15
September	201-593	142-420	150-381	201-516	173-451	170-442	160-404	171-458	-16
October	141-414	121-360	121-307	147-378	139-363	131-340	122-308	132-353	-11
November	140-362	125-327	135-310	155-356	129-301	156-364	154-350	142-339	1
December	201-429	161-348	213-415	191-371	161-318	160-315	208-402	185-371	-9
Average	215-508	166-401	173-361	201-428	193-416	184-397	186-387	188-414	-11
2013 Diff.	--	48-107	41-147	13-80	22-92	31-111	28-121	31-110	-4
Pop ¹ (Low)	3,202	3,301	3,381	3,295	3,389	3,246	3,258	3,296	
Pop ¹ (High)	8,289	8,649	7,753	7,580	7,911	7,571	7,400	7,879	
Diff. (AF)	--	178-1,035	157-1,276	49-683	82-817	112-945	103-1,004	116-951	-42

¹Population data from CDP representation of service areas, see footnote 9.

Table 3B. Copperopolis/Copper Cove Service Area Treated Water Demands

Month	Treated Water GPCD Estimates (Range)								Slope (AF/yr)
	2013	2014	2015	2016	2017	2018	2019	Avg	
January	138-178	126-155	125-154	118-148	127-153	120-148	127-156	126-156	-3
February	144-185	116-142	118-146	122-153	130-157	135-167	130-160	128-159	-1
March	163-247	108-151	132-186	103-150	126-170	106-149	113-156	121-173	-10
April	175-301	139-220	141-221	130-213	119-176	118-185	142-219	138-219	-13
May	210-401	184-321	141-243	150-271	203-327	176-304	177-298	177-309	-9
June	248-474	235-409	157-271	213-386	245-394	221-380	259-437	225-393	-2
July	280-534	233-407	178-307	246-444	292-470	273-471	299-504	257-448	7
August	263-502	225-393	184-318	267-483	295-474	278-479	296-499	258-450	11
September	233-445	200-349	177-305	251-453	256-411	245-422	252-426	230-402	7
October	175-334	166-290	155-268	164-297	187-301	193-332	198-334	177-308	4
November	158-272	127-200	118-185	116-190	129-191	167-261	183-281	142-226	6
December	121-183	102-143	108-152	114-166	121-163	123-172	119-165	115-164	1
Average	192-338	163-265	144-230	166-280	186-282	180-289	191-303	175-284	-1
2013 Diff.	--	29-73	48-108	26-58	7-56	13-49	1-35	21-63	-11
Pop ¹ (Low)	3,966	4,102	4,133	3,881	4,124	3,938	3,929	4,010	
Pop ¹ (High)	6,826	6,482	6,499	6,354	6,119	6,165	6,035	6,355	
Diff. (AF)	--	133-529	222-787	114-416	31-381	57-336	4-236	111-490	-82

¹Population data from CDP representation of service areas, see footnote 9.

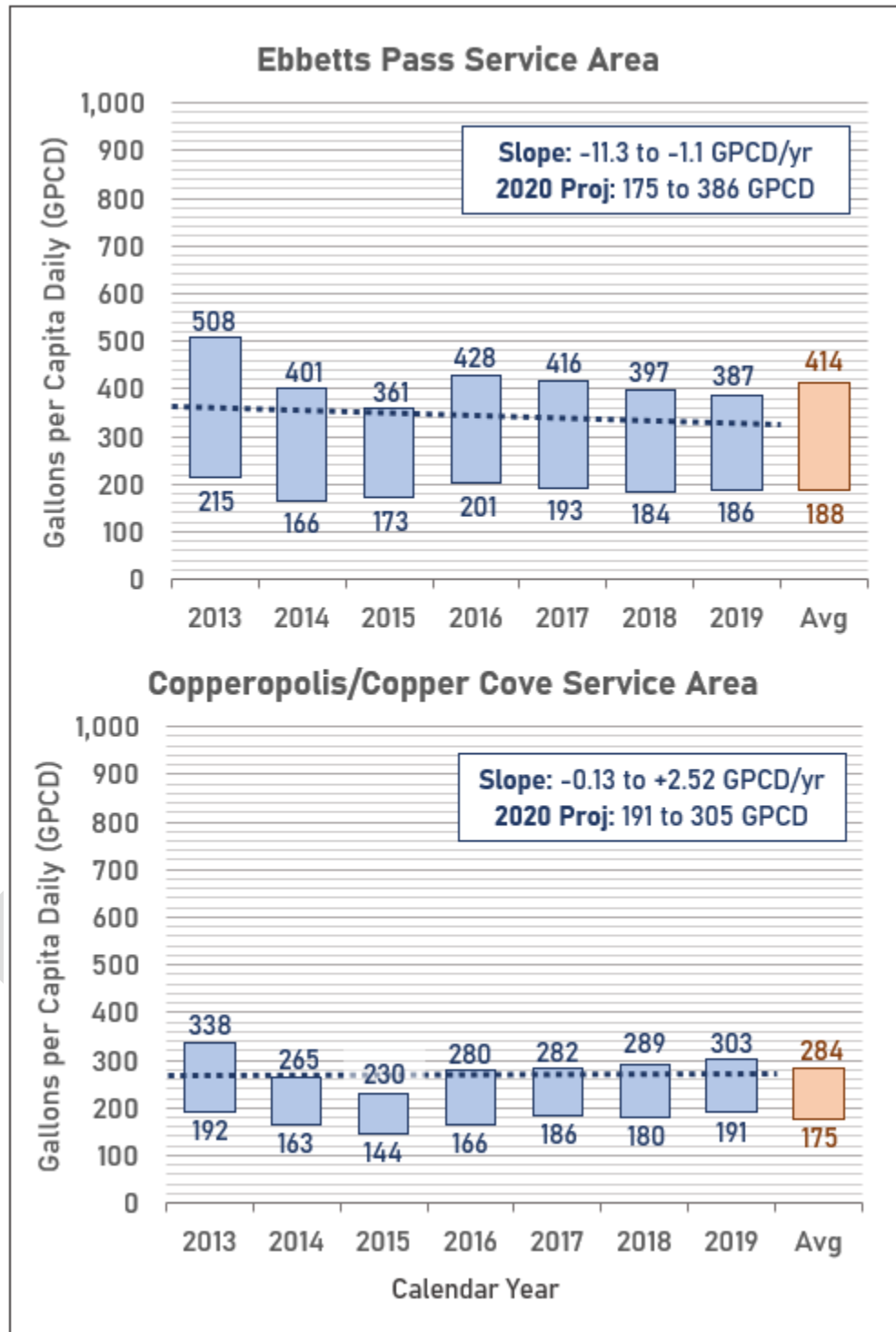


Figure 4. CCWD Historic GPCD Service Area Usage

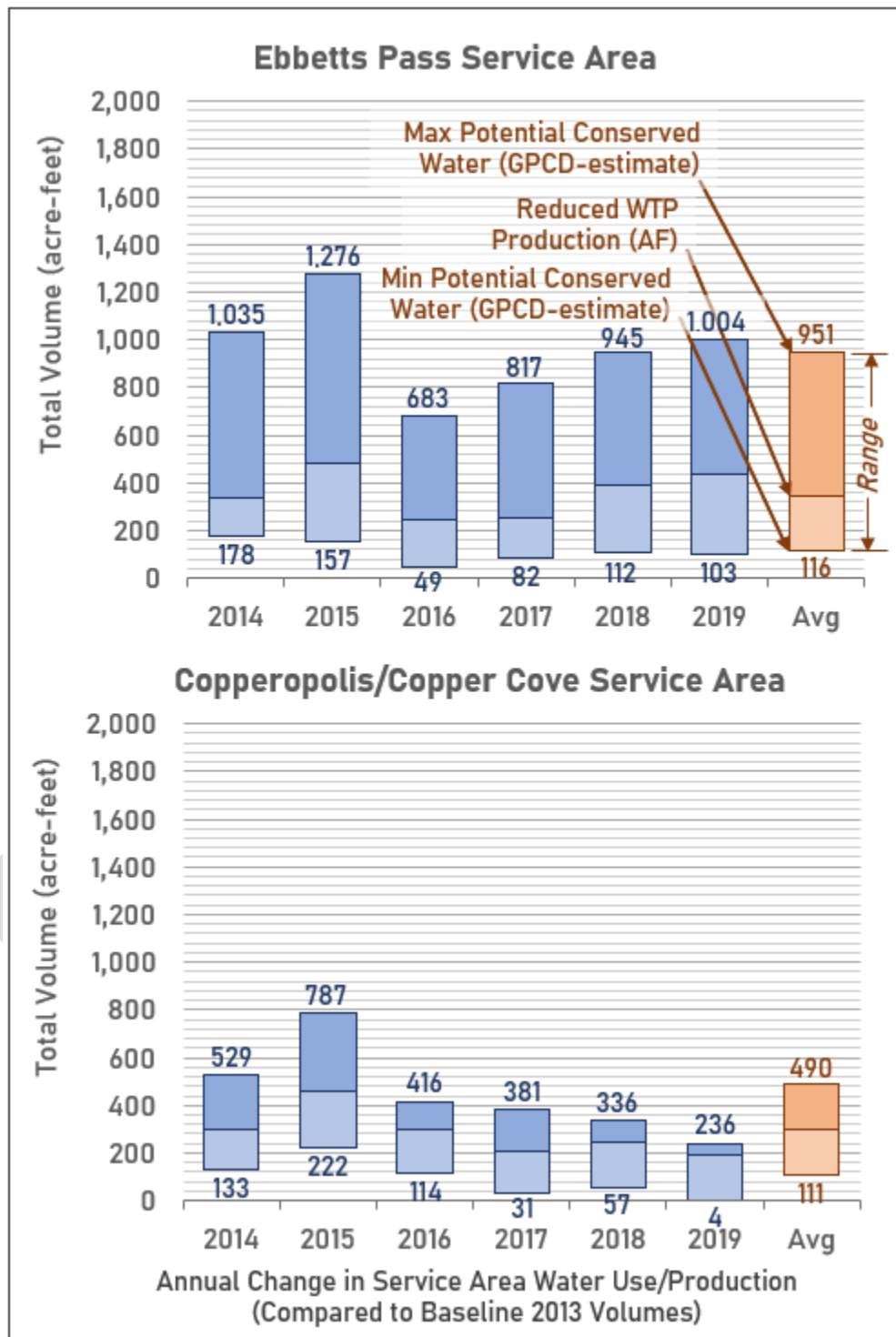


Figure 5. CCWD Historic Service Area Conserved Water Volume

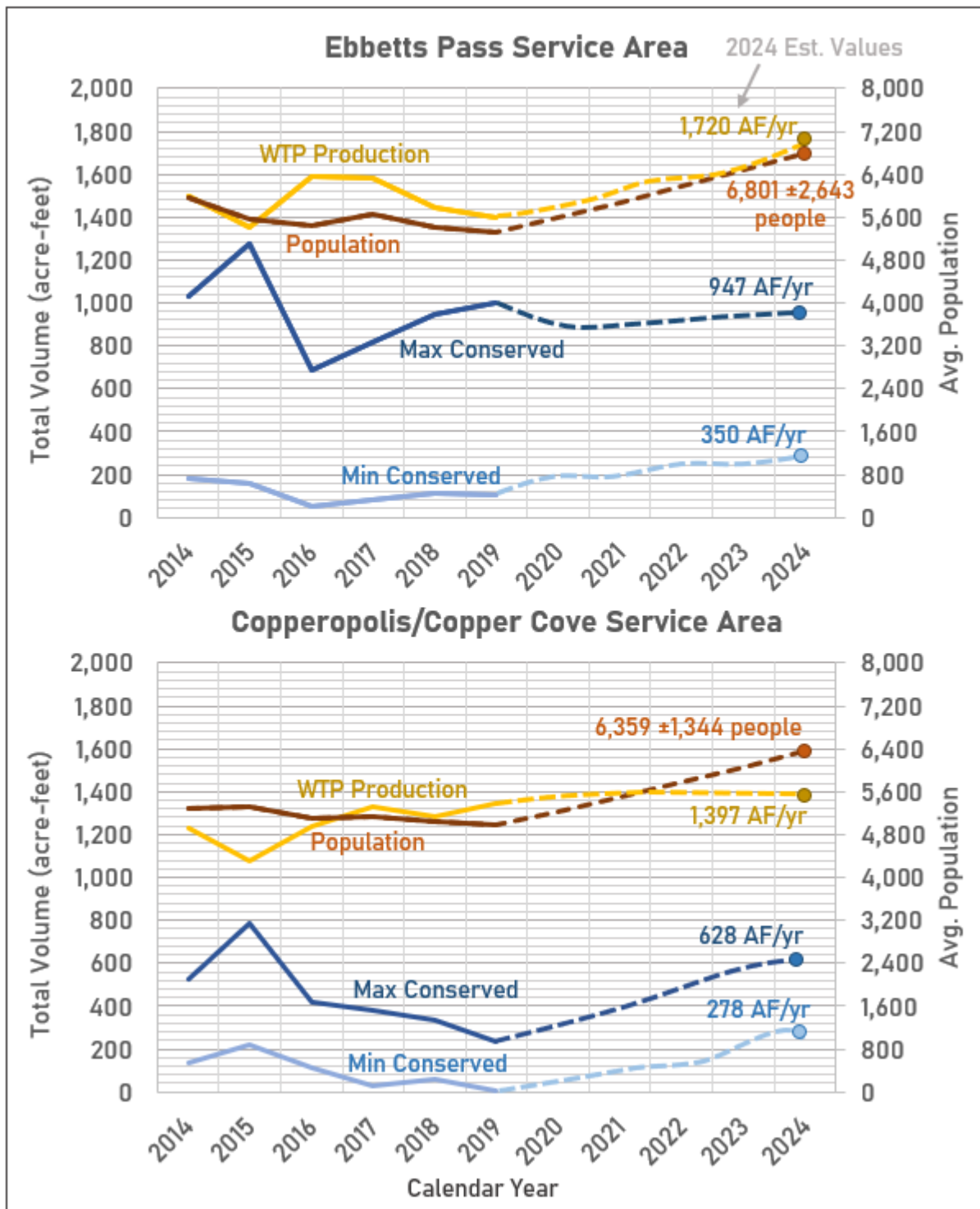


Figure 6. CCWD Trending Service Area Production and Conservation Data

- In extreme water scarce conditions, similar to the most recent drought or anticipated under future climate change³, CCWD could make agency-level deals to utilize the CCWD Storage to fulfill demands downstream of New Melones in an exchange for Stanislaus River water used in the Ebbetts Pass service area upstream. The CCWD Storage quantity qualitatively includes some buffer to deal with exchanged water losses or other agreements necessary to facilitate water delivery under such emergency conditions.

The following calculation was made to determine the CCWD Storage request:

$$[\text{YEARS OF STORAGE}] * ([\text{AVAILABLE CONSERVED WATER}] * (1 + [\text{BUFFER \%}])) = [\text{STORAGE}]$$
$$[10 \text{ yrs}] * ([1,100 \text{ AF/yr}] * (1 + [0.25])) = 13,750 \text{ AF} \approx 13,800 \text{ AF}$$

As noted, the CCWD Storage represents a modest 0.58% of the total New Melones storage capacity, and around 0.7% of historical TOC limitations - described in Section 2.1. Per Tables 3A and 3B, this capacity could help satisfy around four to five times the Ebbetts Pass and/or Copperopolis/Copper Cove total annual treated water demands projected by 2024, if needed (i.e., provides multi-year protection against water rights curtailment orders or other water supply-limited conditions). Given the New Melones Reservoir location between its two service areas, CCWD views the CCWD Storage as a means to build key storage resiliency along the Stanislaus River and to help prepare for uncertain future conditions.

3.4 Return Flows

Neither the Ebbetts Pass nor Copperopolis/Copper Cove Service Area have effluent discharges to surface waters in the Stanislaus River Watershed. Both service areas rely on single treatment plant inflows and wastewater treatment plant outflows to local spray-fields and other non-consumptive uses. In this regard they are "closed systems" meaning that conserved water from within these areas does not become available for any downstream users or uses (i.e., no contribution to downstream water rights).

4.0 Additional Considerations

Additional considerations for the CCWD Storage volume are provided below, related to CCWD future water demand projections, local conjunctive management efforts, and potential regulatory constraints. These considerations are likely beyond the scope of WIIN §4006, but help to provide the rationale for CCWD's request.

4.1 Long-Term Demand Trends

CCWD anticipates the development of new municipal and agricultural water demands along the 'Highway 4 Corridor' in southwestern Calaveras County, in areas with current and potential water service capability from New Melones. These areas include areas adjacent to Copperopolis/Copper Cove, and southwest of the Ebbetts Pass service area. CCWD has analyzed the following potential long-term demand trends, however, additional analyses are needed.

- Municipal General Plans and other local planning efforts suggest steady increases in population growth for areas such as Copperopolis/Copper Cove, Angels Camp, and Arnold areas on the order of 5%+ per year on average. Using Department of Water Resources (DWR) B160 Water Plan urban use projections for the county (2002 to 2015), continuation of this trend could mean ~3,100 AF/yr of additional urban demand by 2030.

- Preliminary agricultural studies from USDA CropScape and other local land use data clearly show a trending demand away from low value pasture lands towards high value permanent crops such as vineyards, consistent with other parts of California. Additional and hardened irrigation demands from these crops could introduce another ~4,600 AF/yr in additional agricultural demands by 2030 if primed lands are developed.

CCWD will be responsible for providing water service to lands expanding from existing service areas, and may also be responsible for lands within Calaveras County but outside of other agency jurisdictions. These other agencies may also increase reliance on CCWD over time due to local economic conditions, aging infrastructure needs, and the consolidation of smaller staffed agencies. As such, CCWD anticipates needing storage to better prepare for these increased demands and to make beneficial use of existing water rights, while also planning for unforeseen drought periods and wildfire suppression needs.

4.2 Groundwater Management

Portions of CCWD's service area overlie the critically over-drafted Eastern San Joaquin Subbasin, in which CCWD is active in Sustainable Groundwater Management Act (SGMA) efforts. New Melones storage and timed/coordinated releases could be used to stabilize groundwater levels in this basin to improve basin health and conjunctive management. In-lieu groundwater recharge managed by CCWD could provide for a critical beneficial use of water while also helping several other CVP contractor agencies who share the subbasin. Additional studies are needed to assess potential groundwater storage and hydrogeologic conditions in lower elevation county areas.

4.3 Columbia Air Attack Base

The Columbia Air Attack Base located near New Melones in Tuolumne County is used by the California Department of Forestry and Fire Protection (Cal Fire) as a strategic first-response location to provide critical wildfire protection and suppression services for the County and other areas of the Sierra Nevada Mountains (i.e., an area covering 3.6 million acres across seven counties). The facility is reliant on water supplies made available from local water districts for fire retardant purposes and to combat wildfires directly when population centers and resources are threatened. CCWD wants to provide water to Cal Fire for these key operations, and envisions the CCWD Storage as being able to directly support the base's water use as a secondary supply when needed (potential 100 to 500 AF in a critical wildfire year). Calaveras County and CCWD's Service Areas are susceptible to devastation from wildfires, and having the water available in New Melones for Cal Fire could help to save lives, property, and environmental resources.

4.4 Regulatory Constraints

There exists regulatory uncertainty regarding future use of Stanislaus River and other tributary flows in the future, following issues such as the BDWQCP Update. In this regard, CCWD wishes to protect its existing water rights and to coordinate with other organizations in the Stanislaus River watershed to determine mutually beneficial solutions to local reservoir and water supply operations. Section 2.1 addresses some potential future changes to New Melones operations, but until more firm proposals are made for altered reservoir operations CCWD is unable to assess the impacts of the CCWD Storage towards inflows or mandated releases. Since CCWD is proposing the use of new water supplies made available from conserved water in its service areas, the potential impacts to contemplated re-operations or strategic changes should be minimal.

Table A1. Summary of CCWD Stanislaus River Watershed Water Rights

SWRCB Permit/ App. Num	Priority Date (Permit)	Source	Diversion Right		Storage Right		Place/Point of Diversion	Place of Use (Purpose)
			Face Value (max)	Season	Quantity	Season		
L009966/ A000077A ²	8/4/1915 (2/8/1923)	Highland Creek			4,062 AF	Nov 11 to Aug 1	New Spicer Meadow Res.	New Spicer Meadow Res. (Power)
P014769/ A012912A	1/25/1949 (7/7/1965)	North Fork Stanislaus River	3 cfs (1,446 AF/yr)	Jan 1 to Dec 31		Jan 1 to Dec 31	McKays Point Res.	Ebbetts Pass (Multiple ¹)
P015013/ A011792B	3/24/1947 (3/18/1966)	Highland Creek			76,300 AF	Nov 1 to Jul 1	New Spicer Meadow Res.	Ebbetts Pass/ Copper Cove (Multiple ¹)
		North Fork Stanislaus River			2,200 AF	Nov 1 to Jul 1	McKays Point Res.	
P015015/ A012910	1/25/1949 (3/18/1966)	North Fork Stanislaus River, Stanislaus River	45 cfs (10,978.7 AF/yr)	Mar 1 to Jul 1			North Fork Stanislaus River	Ebbetts Pass/ Copper Cove (Multiple ¹)
			10 cfs (2,439.7 AF/yr)	Mar 1 to Jul 1			McKays Point Res.	
			10 cfs (2,439.7 AF/yr)	Mar 1 to Jul 1			Lake Tulloch	
P015016/ A012911	1/25/1949 (3/18/1966)	Highland Creek		Jan 1 to Dec 31	76,300 AF	Nov 1 to Jul 1	New Spicer Meadow Res.	Collierville Powerhouse (Power)
		North Fork Stanislaus River	400 cfs (368,091 AF/yr)	Jan 1 to Dec 31	2,200 AF	Nov 1 to Jul 1	McKays Point Res.	
P015017/ A012912	1/25/1949 (3/18/1966)	North Fork Stanislaus River	7 cfs (3,373.9 AF/yr)	Nov 1 to Jul 1			Ramsey	Ebbetts Pass (Municipal)
P015018/ A013091	5/13/1949 (3/18/1966)	Highland Creek			63,000 AF	Nov 1 to Jul 1	New Spicer Meadow Res.	Ebbetts Pass/ Copper Cove (Multiple ¹)
P015019/ A013092	5/13/1949 (3/18/1966)	Highland Creek			63,000 AF	Nov 1 to Jul 1	New Spicer Meadow Res.	Collierville Powerhouse (Power)
P015020/ A013093	5/13/1949 (3/18/1966)	Highland Creek			49,700 AF	Nov 1 to Jul 1	New Spicer Meadow Res.	Collierville Powerhouse (Power)
		North Fork Stanislaus River			350 AF	Nov 1 to Jul 1	North Fork Diversion	

Consumptive Right

¹ Multiple consumptive purposes of use, including: Domestic, Irrigation, Industrial, Municipal, Recreational, and Stock-watering.

² CCWD shared water right holder with NCPA.

Table A1. Summary of CCWD Stanislaus River Watershed Water Rights (Continued)

SWRCB Permit/ Application Number	Priority Date (Permit Date)	Source	Diversion Right		Storage Right		Place/Point of Diversion	Place of Use (Purpose)
			Face Value (max)	Season	Quantity	Season		
P015021/ A018727	5/20/1959 (3/18/1966)	Beaver Creek	60 cfs (43,440.8 AF/yr)	Jan 1 to Dec 31	25 AF	Nov 1 to Jul 1	Beaver Creek Diversion	Collierville Powerhouse (Power)
		North Fork Stanislaus River	640 cfs (463,368.5 AF/yr)	Jan 1 to Dec 31			McKays Point Res.	
P015023/ A019148	12/23/1959 (3/18/1966)	North Fork Stanislaus River	600 cfs (467,578.0 AF/yr)	Jan 1 to Dec 31	52,000 AF	Nov 1 to Jun 30	North Fork Diversion	Collierville Powerhouse (Power)
		Beaver Creek	340 cfs (264,960.8 AF/yr)	Jan 1 to Dec 31			Beaver Creek Diversion	
P015024/ A019149	12/23/1959 (3/18/1966)	Highland Creek			49,700 AF	Nov 1 to Jun 30	New Spice Meadow Res.	Ebbetts Pass/ Copper Cove (Multiple ³)
		North Fork Stanislaus River			350 AF	Nov 1 to Jun 30	North Fork Diversion	
Pre-1914/ S000998 ^{4,5}	1853 ⁶ (1/1/1967)	Mill Creek, Beaver Creek, North Fork Stanislaus River	88 cfs (63,751.4 AF/yr)	Jan 1 to Dec 31			Hunter Res, McKays Point Res.	UWPA Utica & Angels Systems, Collierville Powerhouse (Power, Public Service)
Pre-1914/ S000999 ⁵	1898 ⁶ (1/1/1967)	Angels Creek	45 cfs (32,578.6 AF/yr)	Jan 1 to Dec 31			Upper Angels Ditch	UWPA Angels System (Power, Public Service)
Pre-1914/ S001000 ⁵	1853 ⁶ (1/1/1967)	Angels Creek	4.7 cfs (3,402.6 AF/yr)	Jan 1 to Dec 31			North Ditch	
Pre-1914/ S001001 ⁵	1853 ⁶ (1/1/1967)	Angels Creek	7 cfs (5,067.8 AF/yr)	Jan 1 to Dec 31			South Ditch	
Pre-1914/ S001002 ⁴	1857 ⁶ (1/1/1967)	Silver Creek			4,600 AF	Jan 1 to Dec 31	Alpine Res.	Collierville Powerhouse (Power, Public Service)
Pre-1914/ S001003 ⁴	1857 ⁶ (1/1/1967)	North Fork Stanislaus River			2,000 AF	Jan 1 to Dec 31	Union Res.	
Pre-1914/ S001004 ⁴	1857 ⁶ (1/1/1967)	North Fork Stanislaus River			2,400 AF	Jan 1 to Dec 31	Utica Res.	

Consumptive Right

Pre-1914 (Senior) Right

³ Multiple consumptive purposes of use, including: Domestic, Irrigation, and Stock-watering.

⁴ CCWD shared water right holder with NCPA.

⁵ CCWD shared water right holder with Utica Water and Power Agency (UWPA).

Table A2. Summary of Consolidated CCWD Stanislaus River Watershed Water Rights (by Source)

Source	Diversion Right (AF/yr)				Storage Right (AF)			
	Consumptive	Non-Consumptive	Pre-1914 (Senior)	Total Diversion	Consumptive	Non-Consumptive	Pre-1914 (Senior)	Total Storage
Angels Creek			41,049	41,049				0
Beaver Creek		308,401.6		308,401.6		25		25
Highland Creek				0	189,000	193,062		382,062
North Fork Stanislaus River	20,678	1,299,038	63,751.4	1,383,467.4	2,550	54,200	4,400	61,150
Silver Creek				0			4,600	4,600
Total	20,678	1,607,439.6	104,800.4	1,732,918	191,550	247,287	9,000	447,837
% of Total	1.2%	92.8%	6.0%		42.7%	55.3%	2.0%	

Table A3. Summary of Consolidated CCWD Stanislaus River Watershed Water Rights (by Place of Use)

Place of Use	Diversion Right (AF/yr)				Storage Right (AF)			
	Consumptive	Non-Consumptive	Pre-1914 (Senior)	Total Diversion	Consumptive	Non-Consumptive	Pre-1914 (Senior)	Total Storage
Ebbetts Pass & Copper Cove	20,678			20,678	191,550			191,550
Collierville Powerhouse		1,607,439.6		1,607,439.6		243,225		243,225
New Spicer Meadow Res.				0		4,062		4,062
UWPA Utica & Angels Systems/ Collierville Powerhouse			104,800.4	104,800.4			9,000	9,000
Total	20,678	1,607,439.6	104,800.4	1,732,918	191,550	247,287	9,000	447,837
% of Total	1.2%	92.8%	6.0%		42.7%	55.3%	2.0%	

Agenda Item

DATE: October 14, 2020
TO: Michael Minkler, General Manager
FROM: Damon Wyckoff, Director of Operations
RE: Report on the September 2020 Operations Department

RECOMMENDED ACTION:

Receive Report on the Operations Department Report for Divisions 1 through 5.

SUMMARY:

Attached is the monthly Operations Department Report for September 2020. This report will review the operational status and work completed by departmental administration and each of the five Divisions. The report will cover the following:

- Administration
- Water treatment plants
- Wastewater treatment plants
- Distribution
- Collections
- Construction
- Electrical
- Mechanical

Staff will be present the report to the Board of Directors and will available for questions

FINANCIAL CONSIDERATIONS:

None.

Attachment: September 2020 Operations Department Report for Division 1 through 5

Operations Department Report

September 1, 2020 through September 30, 2020

Director of Operations:

1. Conducted the District's Quarterly Utilities Coordination Meeting via WebEx. Multiple entities (particularly Calaveras County, CCWD, Volcano Telephone, and CPUD) worked to describe any upcoming projects and comprehensive work efforts in an effort to coordinate and optimize work efforts through mutual assistance/feedback.
2. Assisted the Engineering Department in developing flat costs for meter related work efforts and presented to the Engineering Committee
3. Multiple work efforts associated with coordinating the disinfection testing and intertie work plan for the Reach 1 Pipeline Replacement Project
4. Attended a meeting with UWPA Representatives to review radio communication plans and seek opportunities for better understanding of efforts and optimizing
5. Investigated odor complaints related to the Vallecito WWTP and worked with Operations Staff to review potential causes and potential solutions
6. Participated as a panelist for the Columbia Colleges virtual Career Day event RE: Careers associated with natural resources
7. Participated in the annual coordination meeting for the NCPA outage of the McKay's tunnel tap for reservoir debris removal – worked to secure standby generator power for the Old Hunter's Pump Station should it be needed to address a PSPS event during the outage
8. Site visit to Customer's residence to address potable water quality concerns
9. Coordinated the District's internal Department coordination meeting
10. Accompanied the General Manager and the Water Resources Manager on a site visit of the Collierville Hydro Electrical Power Generation Plant

Administrative Technician:

1. August Spray Reporting
2. Maintained Field Calendar
3. Received/Tracked All USA North Line 811 Locates – Handled Associated Calls
4. 289 District Line Locates – 09/01 – 09/30
5. Facilitated with Employee Reimbursements & Certificate Renewals
6. Field Training Course Ordering/Registrations
7. Process Operations Purchase Order Batches
8. On Call Reminders, Transfers, Logs
9. Electronic Lab Report Filing
10. Organizing and Archiving Operations Department Documents
11. Safety Tailgate Meetings: Create, Track, & Archive
12. Continued Work Efforts for 2020 Backflow Program
13. Attended Various Meetings:
Engineering Committee, Business Process Steering Committee, Supervisor Meeting, Board Meeting, Quarterly Utilities Coordination Meeting
14. Generator Site Assessment Spreadsheet Updates

15. Created Labor Day Holiday Availability Schedule
16. Miscellaneous Administrative Functions

Plant Operations Manager:

1. Completed review of Monthly water reports and submitted them to the State
2. Participated in the kickoff meeting with both District Staff and the Consultant for the development of the District's Urban Water Management Plan
3. Worked with District Staff to ensure the successful management of field work efforts during two different PSPS events.
4. On-going work to coordinate and implement the replacement of the existing filters at the Indian Rock Village WWTP
5. Coordinated the annual inspection effort for various District potable water tanks
6. Participated in the preparation of the Old Hunters Pump Station for its annual operation during the NCPA McKay's Tunnel Tap outage
7. Reviewed Multiple Fire Sprinkler Applications from Contractors for Title 17 compliance
8. On-going work to facilitate timber harvest operation at the Arnold WWTP
9. On-going work with EBMUD related to providing information related to the Middle Fork of the Mokelumne River for stream gaging.
10. On-going work associated with the operation of the Jenny Lind WTP Actiflo Pre-Treatment System

Construction and Maintenance Manager:

1. Meet with a Consultant RE the rehabilitation of the Indian Rock WWTP
2. Attend a presentation by a Company called XiO - SCADA
3. Met with Distribution on Meko project to update maps for the Techite line
4. Assist Ebbett's Pass crew with the shutdown at Forest Meadows after 2" water line was hit
5. Onsite review with a Customer on Council Trail in Copper about a water leak surfacing at his property
6. Onsite review of pressure issues at the Lakemont PS – estimate to be related to water use off fire hydrants
7. Attended meeting with NCPA to review the plans for its annual McKay's Tunnel Tap shutdown (Reservoir Maintenance)
8. Met with UWPA to review radio communication for Field Systems
9. Site visit to a property off Hillcrest in Hathaway Pines to meet with customer about water issue and take samples
10. Printed door tags for Sawmill PRV installation boil lifted notifications and helped distribute
11. Gathered parts and took to crews in West Point for the repair of 2 mainline leaks and assisted in the work effort at the site (Saturday)
12. Put parts list together for West Point warehouse
13. Assisted the La Contenta Distribution Crew on the repair of a failed tap saddle leak on Kirby
14. Reviewed the Reach 1 plans in order to mark out sample sites and shutdown locations
15. Assisted the La Contenta crew with 2" leak on Butler Ct
16. Check on reported damage to property at 5134 Meko from Techite main break
17. Met with Consultants from Condor at the White Pines Dam to review the repair of the outfall drains
18. Developed shutdown notifications for Blackfoot Circle tie-in as part of the Techite pipeline replacement project
19. Called out to check road damage from Dunn/Bane mainline leak/middle of the night.
20. On-gong work associated with reviewing the AWWA standards in order to develop Boil Water Advisory Information packets for an upcoming meeting with Distribution leads
21. Participated in the bacteriologic sample grabs for new Reach 1 pipeline
22. Reviewed the Mazingo/CCWD Reach 1 Project intertie shutdown schedule, finalized notification lists to send to Customer Service, and assisted in passing out notification door tags
23. Participated in a kick of meeting with CCWD and Woodard and Curran Staff RE the development of the 2020 Update to the District's Urban Water Management Plan (UWMP)

Purchasing Agent:

1. Completed PO and AP Entry's.
2. Ordered Ozone System repair parts for the Copper Cove WTP
3. On-going work associated with obtaining quotes for turbidimeters to replace all District turbidimeters District-wide in order to provide a recommendation for purchase
4. Field meet with a Scrapper at the La Contenta Warehouse and WWTP to coordinate the clean-up of the site
5. Worked to develop a surplus list for Board approval in order to complete the sale of surplus items
6. Coordinated fuel deliveries District-wide for PSPS events
7. Obtained quotes for generator purchase and developed a recommendation for purchase
8. Reviewed completed vehicle inspection work orders
9. Worked to provide a truck for the newly hired Treatment Operator in anticipation of the Operator's October 1st start date
10. Ordered Parts and material for all Disciplines to replenish the District Warehouses
11. Worked with the Programmer at Mobile MMS to develop a Fuel Tracker App for PSPS events
12. Coordinated to pick-up of the flexible piping to be used to divert Bear Creek during the Bear Creek Debris Removal Project
13. Purchased antennae tower for the replacement of the failed antennae tower at the Big Trees 1 Tank Site
14. Worked to obtain 2" Cla-Val quotes for the Engineering Department
15. Obtained Pump quotes for the Collections Crew Supervisor to review to replace a failed pump
16. Scheduled site visits in order to obtain quotes to install a security fence at the District's Bummerville Tank Site
17. Coordinated spare and backup truck inventory for District Field Operations

Water Treatment Plants:

Copper Cove Water Treatment Plant:

1. Operations as usual
2. Began implementation of the new SCADA system
3. Calibrated the high pressure and headloss switches on both filters
4. Installed safety bollards for ozone LOX tank. Parking lot side

Hunter's (Ebbett's Pass) Water Treatment Plant:

1. Operations as usual
2. Preparing for the annual tunnel tap outage
3. Training on Filter Inspections
4. Worked with the Mechanical Department who repaired the failed Blower #1

Jenny Lind Water Treatment Plant:

1. Operations as usual
2. Continued training of two new operators
3. Continued test run of the Pre-Treatment System

Sheep Ranch Water Treatment Plant:

1. Operations as usual
2. Streaming Current Detector Failed – Replacement on order – expensive item
3. Annual White Pines Dam inspection

Wallace Lake Estates Well System:

1. Operations as usual

West Point Water Treatment Plant:

1. Operations by committee to accommodate the fact that the District's West Point System Operator is out on leave
2. Extensive grubbing and brushing of the Bear Creek Diversion Road
3. Rehab of the Bear Creek Diversion Road
4. Rehab of the Acorn Pump Station Road

Wastewater Treatment Plants:

Arnold Wastewater Treatment Plant:

1. Operations as usual

Copper Cove Wastewater Treatment Plant:

1. Routine operations as required by permit.

Copper Cove Wastewater Reclamation Plant:

1. Operations as usual
2. Communication to Copper Valley Golf Course failed. Working with the Golf Course to remedy auto comm equipment.
3. UV system lamp and sleeve replacement on-going

Country House Wastewater Facility:

1. Operations as usual

Forest Meadows Wastewater Treatment Plant:

1. Operations as usual
2. Extensive grubbing and brushing of the Forest Meadows Golf Course Pond

Indian Rock Vineyards Wastewater Facility:

1. Operations as Usual - Weekly inspection of facility. Switched leach fields, tested pumps, changed chart, weekly reads for state compliance
2. On-going work with the District's Engineering Consultant on plan completion for the above-ground filter installation project

La Contenta Wastewater Treatment Plant:

1. Operations as usual
2. NaOH dosing at the Huckleberry Lift Station has increased flows up to 50 gpm per pump

Mountain Retreat / Sequoia Woods Wastewater Facility:

1. Operations as usual

Six Mile Wastewater Collection System:

1. Monthly reads taken and report submitted to the City of Angels Camp

Southworth Wastewater Treatment Plant:

1. Operations as usual

Vallecito / Douglas Flat Wastewater Treatment Plant:

1. Operations as usual

West Point Wastewater Treatment Plant:

1. Operations as usual

Wilseyville Wastewater Facility:

1. Operations as usual

Distribution:

Copperopolis Distribution System:

SERVICE LINE WORK

1. Winchester 1" 3gpm
2. Quail Meadow Ct 1" 5 bpm
3. Salmon Ct. 1" 5 Gpm
4. Deerfield 1" 4 Gpm
5. Oakhurst 1" 4gpm
6. Bret Hart 1" 3 Gpm
7. Innocent 1" 3 Gpm
8. Morado 1" 5 Gpm
9. Innocent 1" 7gpm
10. Sawmill 1" 3 Gpm
11. Fox ct 1" 6 Gpm
12. Acorn 1" 4gpm
13. Council Trail 1" 3 Gpm

MAIN LINE WORK

1. None at this time
- Additional Work**
1. USA's
 2. Flushed 213,193 gals.
 3. PRV Maintenance
 4. 30 valves exercised
 5. meter replacements
 6. Completed the Sawmill PRV installation project – Demo'd the old PRV
 7. Replaced reducing control valve (CRD) on the Flint PRV
 8. Exercised 4 surge reliefs
 9. Completed multiple line-locates for Cal Tel's project (new fiber line installation)

Ebbett's Pass Distribution System:

SERVICE LINE WORK

1. At Dollar General – 5 gpm
2. Forest Meadows Drive and Lupine (2 separate leaks) – 10 gpm
3. Navajo – 3 gpm

MAIN LINE WORK

- 1 Two leaks on 2" Main – Forest Meadows Dr. 30 gpm
- 2 Main Line Repair on Stampede Canyon
- 3 6" Main at Northwood Hwy 4 Crossing
- 4 Techite Leak Repair

Additional Work

1. Customer Service Work Orders (75)
2. USA Line Locates (220)
3. Multiple Reach 1 shut-downs to facilitate the Project's implementation
4. Two PSPS events – Issues with generator Ops at the Lakemont Pump Station – Stator Failure
5. On-Going work efforts associated with the Techite Pipeline Replacement Project
6. On-Going work efforts associated with the Forest Meadows PG&E electrical replacement project

Jenny Lind Distribution System:

SERVICE LINE WORK

1. Cox – 5 gpm
2. Sparrowk – 5 gpm
3. Sparrowk – 5 gpm
4. Baldwin – 5 gpm
5. Baldwin – 5 gpm
6. Baldwin – 5 gpm
7. Hartvickson – 5 gpm
8. Hartvickson – 5 gpm
9. Hartvickson – 5 gpm
10. Westhill – 5 gpm
11. Crosel – 5 gpm
12. Crosel – 5 gpm
13. Crosel x2 – 5 gpm each
14. Bartelink – 5 gpm
15. Bartelink 5 gpm
16. Bartelink 5 gpm
17. Thornicroft – 5 gpm
18. Thornicroft 5 - gpm
19. McAttee – 5 gpm
20. McAttee – 5 gpm
21. Dunn – 5 gpm
22. Silver Rapids – 5 gpm
23. Nall – 5 gpm
24. Danaher – 5 gpm
25. Rippon – 5 gpm
26. Holmquist – 5 gpm

MAIN LINE WORK

1. Kirby – 8” AC main- failed tap saddle – 100 gpm
2. Kirby –8” AC main- failed tap saddle – 100 gpm
3. Cox – 6” AC main- 3’ blow out of pipe – 450 gpm
4. Butler Ct – 2” main- Dug up the leak sight and the pipe exploded- Replaced approximately 12’ of pipe – 100 gpm
5. Crosel – 2” main- Dug up leak area and pipe exploded- Replaced 4’ of pipe – 100 gpm
6. Dunn – 6” AC main – broke at “T” – replaced “T” and all three sides cut in new pipe and coupled back to old – 450 gpm

ADDITIONAL WORK

1. Replaced 180’ of 1” service line on Crosel Court. Two new curb stops installed as well. Problem line for a very long time. much needed replacement.
2. Service Requests for the JL area
3. USA line locates for JL area
4. Weekly tank and pump station checks
5. Grabbed Lead and Copper Samples from customer homes for the tri-annual sample analysis
6. Potholed tap saddles on Kirby to review installation of tap saddles
7. Assisted the Electrical Department in the staging of a stand-by generator at the B Tank and Pump Station site.

West Point Distribution System:

SERVICE LINE WORK

1. Iris Way – 2 gpm
2. Barney Way – 5 gpm

MAIN LINE WORK

1. Barney Way 50 gpm
2. Barney Way 100 gpm

ADDITIONAL WORK

1. USA Line locates
2. Service Requests ranging from Read/Leave Ons, Restores, Pressure issues, Re-reads.

Collections:

1. Pumped and cleaned lower cross-country lift station - Copperopolis
2. Replaced pump 2 at lift station 14 in Copperopolis
3. Repaired sewer lateral on laurel easement in Forest Meadows
4. Completed the monthly SSO “No Spill Reports” for the District’s different systems
5. Installed new 2000gal pump tank at Hillabush residence.
6. Replumbed six-mile pump after pump replacement
7. Worked thru first PSPS of the season 9-7 thru 9-9-20
8. Pumped and cleaned Six-Mile and Azalea Ct. Lift Stations
9. Pumped and cleaned Hwy 4 and Lakeside Lift Stations
10. Hydro-cleaned the line above Hwy 4 Lift Station Near Forest Meadows
11. Helped the Ebbett’s Pass Distribution Crew with water leak on Meadow View
12. Normal weekly Lift Station checks
13. Serviced dry can Lift Stations
14. Helped repair water main on Barney and Acorn in West Point (Saturday)
15. Pumped thickener tank for Jenny Lind WTP
16. Pumped and cleaned septic tank on vallecito Bypass
17. Hydro’d Snowberry and Larkspur easements in Forest Meadows
18. Hydro’d golf course easement in Forest Meadows
19. Marked USA’s in Forest Meadows for PG&E job.
20. Hydro’dd the bench on the canyon in Forest Meadows
21. Installed lid liners and new frame and covers on manholes above Lower Cross-Country Lift Station
22. Replaced pump on septic tank at residence off Ospital-Southworth
23. Replaced wire nuts on septic tank at residence off Chardonnay Ct. – Indian Rock
24. Worked thru second PSPS 9-27 thru 9-28-20 – Affected Arnold and West Point areas

25. Installed new sewer service at residence off Cabernet – Indian Rock
26. Repaired service line pump connection at residence off Poseidon way - Copperopolis

Construction:

1. Assisted the Copper Cove Distribution Crew with service line leak repairs
2. Assisted the Ebbett's Pass Distribution Crew with service line leak repairs
3. Assisted the La Contenta Distribution Crew with service line leak repairs
4. Worked with the Copper Cove Distribution Crew to install the new Sawmill PRV, test, and bring online
5. Worked with the Collections Crew to replace an undersized Septic Tank in Southworth
6. On-going work on the FEMA funded road repair projects in West Point
7. Provided Distribution System vacation coverage for the Ebbetts Pass Service Area

Electrical:

1. Emergency troubleshoot and repair of communication system for Copper Cove WWTP Pond 4 and reclaim telemetry radios
2. Hand dug trench for installation of power and controls of new stationary generator at Wilseyville pressure station
3. Troubleshoot and repaired transfer switch at Wilseyville pressure system generator, reprogrammed transfer switch, set generator to exercise for 15 minutes per week
4. Emergency repair, removed and replaced failed pump #2 at Copper Cove lift station #14, wired in new pump
5. Researched wiring of generator run and generator fail alarms at JLWTP
6. Installed new manual transfer switch at B-Tank pressure system in Valley Springs for PSPS events
7. Wired up new pump at 6-mile lift station and grounded control system
8. Septic controls relocation and installation of new controls equipment at a property on Elizabeth Ct in Valley Springs
9. Emergency troubleshoot and repair of control system at Timber Trails pump station during PSPS event
10. Emergency generator hook up at Timber Trails pump station during a PSPS event
11. Emergency portable generator hookup at Lakemont pump station during a PSPS event after stationary generator stator failure. Troubleshoot and repair of stationary generator and reprogrammed Autodialer
12. Replaced switchgear circuit breaker linkage at Avery pump station
13. Emergency, troubleshoot blower failure per work order at La Contenta WWTP, belts off of blower
14. Emergency, troubleshoot failed compressor #2 at La Contenta WWTP per work order, overloads tripped. Replaced failed unit and wired new air compressor and installed new oil level switch.
15. Repaired generator run, generator trouble, ATS in emergency alarms and graphics in Jenny Lind WTP SCADA, contractor had wires mislabeled
16. Emergency troubleshoot and repair pump #1 in Pond 6 at Copper Cove WWTP; loose wire on control transformer
17. Reset vehicle GPS computer at main office restoring proper function of system
18. Emergency repair of fire pump control system at Lakemont pump station after failure to start, adjusted breaker trip settings and starter overload settings
19. Installed new pin and sleeve cord and tested portable generator at B-Tank pressure station in Valley Springs for PSPS events
20. Emergency replacement of failed motor starter at Lakeside lift station in Forest Meadows
21. Emergency troubleshoot and replacement of failed level transducer at Pinebrook Tank, rescaled Red Lion local display restoring proper level indication
22. Emergency troubleshoot and replacement of failed level transducer at Avery Tank
23. Troubleshoot and repair of failed flow meter at the Mokelumne River pump station, cleaned pipe and transducers, reattached with new Flexim sound transmitting grease
24. Addressed new PC board at La Contenta WWTP UV system, restoring proper function of bank
25. Rerouted flexible conduit at junction box for aerator West Point regulator

26. Completed work order at Woodgate lift station, made changes in the PLC restoring the pump alternating function
27. Programmed aerator VFD at West Point regulator to auto restart after fault clear
28. Installed control wiring for new 15hp effluent pump #2 at Arnold WWTP
29. Installed new solar backup system at Copper Tank in Copperopolis for power outages
30. Repaired false high-level alarm at Copper Tank, now alarm is generated properly in PLC
31. Emergency troubleshoot and repair of belt press polymer pump controls at La Contenta WWTP
32. Troubleshoot and replacement of failed GFI in light pole at La Contenta WWTP
33. Troubleshoot flow meter readings at Huckleberry lift station per operator, made small adjustment to transducer mounting
34. Reprogrammed autodialer at Huckleberry lift station, added new employees
35. Installed new solar backup system at 602 Tank in Valley Springs for power outages
36. Emergency, troubleshoot pump #2 failure at Copper Cove lift station #1, reset circuit breaker, ran pump repeatedly clearing clog, proper function restored
37. Emergency, troubleshoot and replaced failed UPS at Copper Cove lift station #1, not battery failure, complete unit failure
38. Replaced failed solenoid valve for filter #2 waste gate at Hunters WTP
39. Emergency, troubleshoot failed blower #1 at Hunters WTP, breaker tripped upon each startup, problem was catastrophic internal mechanical failure of blower
40. Emergency troubleshoot and replacement of failed polymer pump GFI in DAF room for belt press at Forest Meadows WWTP
41. Emergency troubleshoot and repair of septic control system on Chardonnay Court in Indian Rock subdivision
42. Reprogrammed autodialer at Upper Cross-Country lift station in Copperopolis adding new employees to call out list
43. Replaced failed UPS at Big Trees #2 site
44. Remotely reprogrammed Copper Cove WWTP SCADA callout list adding new collections employees
45. Formed/poured/finished/striped new concrete pad at Hunter Dam for new transfer switch
46. Installed/wired/programmed new 400-amp automatic transfer switch at Hunter Dam main switchgear for PSPS events

Mechanical:

1. On-going work at the Arnold WWTP – continued work on the clarifier scraper arm
2. Prepared generator pad and site at the Wilseyville pressure station to provide the opportunity set a new stationary generator and free-up the onsite trailer-mounted generator
3. Constructed form and poured slab to set a new stationary generator at the Big Trees 2 Tank Site
4. Inspected generators for possible purchase with the District's Purchasing Agent
5. Fueled Generators before and after both PSPS events
6. Replaced front tires on Truck 592 (Mechanics Truck)
7. Completed monthly generator checks on highway 4
8. Replaced the battery on the generator at the Larkspur Pump Station
9. Repaired Blower #1 at the Hunters WTP
10. Serviced Truck #716
11. Serviced the Avery Middle School Lift Station Generator
12. Participated in the start-up of the Middle Fork and Acorn Pump Stations for their fall season operation
13. Replaced aerators at the Forest Meadows WWTP
14. Troubleshoot pump operations at Lift Station 3 in Arnold

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