RESOLUTION NO. 2023-38
RESOLUTION NO. PFA-01
ORDINANCE NO. 2023-01

AGENDA

OUR MISSION

Protect, enhance, and develop Calaveras County's water resources and watersheds to provide safe, reliable, and cost-effective services to our communities.

2021-2026 Strategic Plan, Adopted April 28, 2021, and can be viewed at this link

Regular Board Meeting
Wednesday, June 28, 2023
1:00 p.m.

Calaveras County Water District
120 Toma Court
San Andreas, California 95249

Board Chambers are open to the public and the following alternative is available to members of the public who wish to participate in the meeting virtually:

Microsoft Teams meeting

Join on your computer or mobile app

Click here to join the meeting

Or call in (audio only)

+1 323-647-8603,,605388082# United States,

Phone Conference ID: 605 388 082#

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

1. ROLL CALL

2. PUBLIC COMMENT

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.

BOARD OF DIRECTORS

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

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 May 24, 2023
(Rebecca Hitchcock, Clerk to the Board)

3b Approval of Credit Adjustment for APN 023-050-019
(Kelly Richards, Business Services Manager) **RES 2023-_____**

3c Approval of Credit Adjustment for APN 070-025-021
(Kelly Richards, Business Services Manager) **RES 2023-_____**

3d Awarding Contract for Utility Potholing and Data Collection for Jenny Lind A-B Water Transmission Pipeline Project
(Sam Singh, Senior Engineering Technician) **RES 2023-_____**

3e Approving District's Financial Management Policy – No. 5.02, Purchasing Policy
(Jeffrey Meyer, Director of Administrative Services) **RES 2023-_____**

3f Report on the Monthly Investment Transactions for May 2023
(Jeffrey Meyer, Director of Administrative Services)

4. NEW BUSINESS

4a Approval of FY 2024 Service Area Water Supply & Demand Assessments
(Brad Arnold, Water Resources Manager)

5. PUBLIC HEARING

5a Discussion/Action regarding the Adoption of the Fiscal Year 2023-24 Operating and Capital Improvement Plan Budget
(Jeffrey Meyer, Director of Administrative Services) **RES 2023-_____**

Discussion/Action regarding the Adoption of the Fiscal Year 2023-24 Personnel Allocation Budget
(Jeffrey Meyer, Director of Administrative Services) **RES 2023-_____**

6. REPORTS

6a* General Manager's Report

7.* BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

8. NEXT BOARD MEETINGS

- Wednesday, July 12, 2023, 1:00 p.m., Regular Board Meeting
- Wednesday, July 24, 2023, 1:00 p.m., Regular Board Meeting

9. ADJOURNMENT

*No information included in packet

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

Legal Counsel

Matthew Weber, Esq.
Downey Brand, LLP

Financial Services

Umpqua Bank
US Bank
Wells Fargo Bank

Auditor

Richardson & Company, LLP

CCWD Committees / Membership**

*Engineering Committee	Davidson / Thomas (alt. Secada)
*Finance Committee	Secada / Ratterman (alt. Underhill)
*Legal Affairs Committee	Ratterman / Davidson (alt. Thomas)
*External Relations Committee	Underhill / Thomas (alt. Secada)

Joint Power Authorities

ACWA / JPIA	Ratterman (alt. Michael Minkler)
CCWD Public Financing Authority	All Board Members
Calaveras-Amador Mokelumne River Authority (CAMRA)	Ratterman / Secada (alt: Michael Minkler)
Calaveras Public Power Agency (CPPA)	Michael Minkler (alt. Brad Arnold)
Eastern San Joaquin Groundwater Authority	Thomas (alt: Brad Arnold)
Tuolumne-Stanislaus Integrated Regional Water Management Joint Powers Authority (T-Stan JPA)	Secada (alt. Thomas)
Upper Mokelumne River Watershed Authority (UMRWA)	Davidson (alt. Ratterman)

Other Regional Organizations of Note

Calaveras County Parks and Recreation Committee	Thomas (alt. Ratterman)
Mountain Counties Water Resources Association (MCWRA)	All Board Members
Mokelumne River Association (MRA)	All Board Members
Tuolumne-Stanislaus Integrated Regional Water Mgt. JPA Watershed Advisory Committee (WAC)	Brad Arnold (alt: Kelly Gerkensmeyer)
Eastern San Joaquin Groundwater Authority-Technical Advisory Committee	Brad Arnold (alt: Kelly Gerkensmeyer)

* Standing committees, meetings of which require agendas & public notice 72 hours in advance of meeting.
** The 1st name listed is the committee chairperson.

Item 3a

MINUTES

CALAVERAS COUNTY WATER DISTRICT
REGULAR BOARD MEETING

MAY 24, 2023

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

Staff Present: Michael Minkler, General Manager
Matt Weber Esq, General Counsel
Rebecca Hitchcock, Clerk to the Board
Damon Wyckoff, Director of Operations
Jeff Meyer, Director of Administrative Services
Stacey Lollar, Human Resources Manager
John Osbourn, External Affairs Manager
Pat Burkhardt. Construction and Maintenance Manager
Kelly Richards, Customer Service Supervisor
Kelly Gerkensmeyer, Water Resources Technician
Catherine Eastburn, Accountant
Kate Jesus, Engineering Coordinator
Kevin Williams, Senior Civil Engineer
Jared Gravette, Construction Inspector
Tiffany Burke, Administrative Technician
Carol Bowen, Customer Service
Kate Darby, Customer Service

Others Present: Habib Isaac, IB Consulting
Eric Scriven, NHA Advisors
Ralph Copeland
Nancy Henderson

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

President Ratterman called the Regular Board Meeting to order at 1:00 p.m. and led the Pledge of Allegiance. All Directors were present.

2. PUBLIC COMMENT

Ralph Copeland addressed the Board to thank John Osborn for his Facebook posts to inform the public through social media.

Bertha Underhill congratulated Scott Ratterman for winning his election for the ACWA JPIA Executive Committee.

3. CONSENT AGENDA

MOTION: Directors Davidson/Secada-Approved Consent Agenda Item: 3a, 3b, 3c, 3d, 3e, 3f, and 3h as presented

3a Approval of Minutes for the Board Meetings of April 26 and May 3, 2023
(Rebecca Hitchcock, Clerk to the Board)

3b Report on the Monthly Investment Transactions for April 2023
(Jeffrey Meyer. Director of Administrative Services)

3c Ratify Claim Summary #614 Secretarial Fund in the Amount of $1,988,769.48 for April 2023
(Jeffrey Meyer, Director of Administrative Services) **RES 2023-23**

3d Approval of Credit Adjustment for APN 023-032-012
(Kelly Richards, Business Services Manager) **RES 2023-24**

3e Approval of Credit Adjustment for APN 023-043-027
(Kelly Richards, Business Services Manager) **RES 2023-25**

3f Approval of Amendment to the Fiscal Year 2022/23 Personnel Allocation
(Stacey Lollar, Human Resources Manager) **RES 2023-27**

Director Underhill pulled Item 3g from the Consent Agenda

3g Adopt Oppose Positions on Legislative Changes to California Water Rights Proposed by AB 460, AB 676, AB 1337, and SB 389
(Brad Arnold, Water Resources Manager)

3h Resolution of Support for Nomination of Michael Minkler for ACWA Region 3 Board Member Position
(Michael Minkler, General Manager) **RES 2023-26**

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

OFF CONSENT AGENDA

Director Underhill pulled Item 3g from the Consent Agenda

3g Adopt Oppose Positions on Legislative Changes to California Water Rights Proposed by AB 460, AB 676, AB 1337, and SB 389
(Brad Arnold, Water Resources Manager)

MOTION: **Directors Davidson/Secada–By Minute Entry Approved Oppose Positions on Legislative Changes to California Water Rights Proposed by AB 460, AB 676, AB 1337, and SB 389**

DISCUSSION: Director Underhill wanted to know if the District will oppose the legislation by sending letters.

PUBLIC COMMENT: There was no public comment.

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

4. NEW BUSINESS

4a Discussion/Direction regarding the Updated 5 Year Financial Plan and Rate Communications Strategy
(Jeffrey Meyer, Director of Administrative Services)

DISCUSSION: Mr. Osbourn, External Affairs Manager presented the draft public outreach presentation for the upcoming rate workshops. He took comments and recommendations from the Board on how to present the information to the public.

Mr. Habib presented the updated Financial Plan after incorporating the comments given by the Board at the meeting of May 3, 2023. He detailed the changes made to the plan to lower the first-year revenue adjustment need for Water and Wastewater.

Mr. Minkler reiterated that the debt service coverage ratio is a key component of fulfilling our debt requirements and is negatively affected by operating deficits. Furthermore, not maintaining our debt service coverage ratios can adversely affect future debt issuances, which are vital to meeting our Capital Infrastructure needs.

Mr. Habib stated the proposed rates would be brought to the Board at the Rate Workshop on July 12, 2023.

Mr. Habib and Mr. Minkler responded to questions from the Board.

PUBLIC COMMENT: Ralph Copeland gave some ideas to the Board regarding the outreach and potential charging stations for electric vehicles.

RECESS was called at 2:52 p.m. **SESSION RESUMED** at 3:00 p.m.

5. REPORTS

5a Report on the April 2023 Operations and Engineering Departments
(Damon Wyckoff, Director of Operations)

DISCUSSION: Mr. Wyckoff presented the April 2023 Monthly Operations and Engineering reports. He reviewed items of interest and answered questions from the Board.

PUBLIC COMMENT: Ralph Copeland asked a question regarding an item on the Ops Report.

5b General Manager's Report
(Michael Minkler)

DISCUSSION: Mr. Minkler reported on the following activities: 1) recognized the IT Department for their hard work over the weekend upgrading Cyber Security; 2) the District has received a certificate of occupancy on the Shop and Warehouse building; 3) gave an introduction of Mark Rincon-Ibarra, the new District Engineer; 4) the Frog Jump Fair Booth; 5) the Motherlode Job training program; 6) the ACWA Conference; 7) various outreach presentations at Valley Springs Rotary, Community Plan Meeting in Copperopolis, and CAMRA; and 8) a visit from Dave Eggerton.

6. BOARD REPORTS / INFORMATION / FUTURE AGENDA ITEMS

Director Underhill reported on the ACWA Conference breakout presentation on the Paradise Fires.

Director Davidson reported on the ACWA Conference, and his training was completed at the conference.

Director Thomas reported on the ACWA Conference and reemphasized the congratulations to Director Ratterman for winning his election. He was impressed by the booth with the Inline Hydro Vendor.

Director Secada reported on the ACWA Conference and the JPIA meetings, and the electric vehicle session. She also enjoyed the Water Leak sniffing dogs that were showcased. She reported on the IRWM remaining funds for a water fill station.

Director Ratterman reported on the ACWA Conference and thanked everyone for their support for his election. The Washington, D.C. trip has been cancelled and changed to virtual meetings. He also encouraged the other Directors to get on ACWA Committees.

7. NEXT BOARD MEETINGS

- Wednesday June 14, 2023, 1:00 p.m., Regular Board Meeting
- Wednesday, June 28, 2023, 1:00 p.m., Regular Board Meeting

8. CLOSED SESSION

The meeting adjourned into Closed Session at approximately 4:05 p.m. Those present were Board Members: Scott Ratterman, Cindy Secada, Bertha Underhill, Russ Thomas, and Jeff Davidson; staff members Michael Minkler, General Manager; and Matt Weber, General Counsel.

8a Conference with Legal Counsel – Anticipated Litigation. Significant exposure to litigation pursuant to subdivision (d)(2) of Government Code section 54956.9. 1 potential cases

9. REPORTABLE ACTION FROM CLOSED SESSION

The Board reconvened into Open Session at approximately 4:29 p.m. There was no reportable action.

10. ADJOURNMENT

With no further business, the meeting adjourned at 4:29 p.m.

Respectfully Submitted:	ATTEST:
_____	_____
Michael Minkler General Manager	Rebecca Hitchcock Clerk to the Board

Item 3b

Agenda Item

DATE: June 28, 2023

TO: Michael Minkler, General Manager

FROM: Kelly Richards, Business Services Manager

SUBJECT: Approval of Credit Adjustment for APN 023-050-019

RECOMMENDED ACTION:

Motion: _____/_____ approving Resolution 2023- ___ approving a Credit Adjustment to Customer Account Number 510-00358-01 for APN 023-050-019 (4523 Hokan Cir.).

SUMMARY:

Per the District's Ordinance No. 2000-03 (attached) any credit adjustment in excess of $1,000 requires approval from the Board of Directors. The District currently has customer John Gans who is requesting a credit adjustment of $1,350.70 due to a water leak occurring on his property. This leak has since been repaired.

As per Section 1 of Ordinance No, 2000-03 "leak adjustments will only be granted once every five (5) years per water service account." John Gans has not received an adjustment within the last five (5) years. Therefore, staff recommends that the credit adjustment be approved by the Board.

FINANCIAL CONSIDERATIONS:

The credit adjustment for account number 510-00358-01 will reduce water revenues in the water fund (Fund 300) by the amount of the adjustment: $1,350.70.

Attachments: *Ordinance No. 2000-03 – Credit Adjustment Policy*
Leak Adjustment Request
Resolution 2023- ___ approving a credit adjustment

ORDINANCE NO. 2000- 03

Credit Adjustment Policy

The Board of Directors of CALAVERAS COUNTY WATER DISTRICT (CCWD) has determined that it is necessary and appropriate to adopt a policy for credit adjustments.

NOW, THEREFORE, BE IT ORDAINED as follows:

Section 1. Findings.

The General Manager and his authorized designees may make credit adjustments not to exceed $1,000 to customer accounts in order to resolve customer-disputed charges. Such an adjustment must be requested in writing by the customer and supported by documentation showing that the credit is allowed due to extraordinary circumstances that render established policies and procedures of the District unreasonable or inapplicable.

Inclusive in this adjustment policy is a provision for leak adjustments calculated as 50 percent of the amount in excess of the customer's bill in a like period from a previous year. Leak adjustments will only be granted once every five years per water service account.

Adjustments in excess of $1,000 require approval from the Board of Directors through variance procedures as established by the District.

Section 2. Effect on Prior Actions.

All provisions of prior ordinances and resolutions of CCWD not inconsistent with this Ordinance shall remain in full force and effect.

Section 3. Severability.

This Ordinance and the various sections thereof are hereby declared to be severable. To the extent the terms and provisions of this Ordinance are in conflict or are otherwise inconsistent with the terms and provisions of any prior CCWD ordinances, resolutions, rules, and other actions, the terms and provisions of this Ordinance shall prevail with respect thereto. The District hereby declares that it would have adopted this Ordinance irrespective of the invalidity of any particular portion thereof.

Section 4. Publication/Effective Date.

This Ordinance shall take effect as of this date.

PASSED AND ADOPTED this 14th day of June, 2000, by the following vote:

AYES: Directors Deem, Weinkle, Fonceca, Hebrard and Davidson
NOES: None
ABSENT: None
ABSTAIN: None

CALAVERAS COUNTY WATER DISTRICT

President

ATTEST:

Secretary

General Manager

LEAK ADJUSTMENT CALCULATION

CUSTOMER NAME:	GANS
ACCOUNT #:	510-00358-01
APN #:	23050019
DATE OF LEAK: (Billing Cycle)	APR-23
BILLED CONSUMPTION:	$2,718.93
LAST YEAR'S CONSUMPTION:	$17.53
DIFFERENCE:	$2,701.40
CREDIT: (50% of Difference)	$1,350.70

RESOLUTION NO. 2023-

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

APPROVING A WATER LEAK CREDIT ADJUSTMENT FOR CUSTOMER ACCOUNT NUMBER 510-00358-01 FOR APN 023-050-019 AT 4523 HOKAN CIR.

WHEREAS, the Board of Directors of the Calaveras County Water District adopted Ordinance No. 2000-03 – Credit Adjustment Policy on June 14, 2000 which established that credit adjustments in excess of $1,000 require approval from the Board of Directors; and

WHEREAS, Ordinance No. 2000-03 further states leak adjustments will only be granted once every five years per water service account; and

WHEREAS, the owners of 4523 Hokan Cir. (APN 023-050-019) have requested a leak adjustment credit in the amount of $1,350.70; and

WHEREAS, the customer has repaired their water leak; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT hereby authorize approval of the leak adjustment credit in the amount of $1,350.70 attached and made a part of hereto, as a one-time courtesy for the next five years for account number 510-00358-01.

PASSED AND ADOPTED this 28 day of June, 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

Item 3c

Agenda Item

DATE: June 28, 2023

TO: Michael Minkler, General Manager

FROM: Kelly Richards, Business Services Manager

SUBJECT: Approval of Credit Adjustment for APN 070-025-021

RECOMMENDED ACTION:

Motion: _____/_____ approving Resolution 2023- ___ approving a Credit Adjustment to Customer Account Number 613-07836-00 for APN 070-025-021 (7529 Westhill Rd.).

SUMMARY:

Per the District's Ordinance No. 2000-03 (attached) any credit adjustment in excess of $1,000 requires approval from the Board of Directors. The District currently has customer Steve Iwanciow who is requesting a credit adjustment of $1,790.23 due to a water leak occurring on his property. This leak has since been repaired.

As per Section 1 of Ordinance No, 2000-03 "leak adjustments will only be granted once every five (5) years per water service account." Steve Iwanciow has not received an adjustment within the last five (5) years. Therefore, staff recommends that the credit adjustment be approved by the Board.

FINANCIAL CONSIDERATIONS:

The credit adjustment for account number 613-07836-00 will reduce water revenues in the water fund (Fund 300) by the amount of the adjustment: $1,790.23.

Attachments: *Ordinance No. 2000-03 – Credit Adjustment Policy*
Leak Adjustment Request
Resolution 2023- ___ approving a credit adjustment

LEAK ADJUSTMENT CALCULATION

CUSTOMER NAME:	IWANCIOW
ACCOUNT #:	613-07836-00
APN #:	70025021
DATE OF LEAK: (Billing Cycle)	MAY-23
BILLED CONSUMPTION:	$3,591.57
LAST YEAR'S CONSUMPTION:	$11.11
DIFFERENCE:	$3,580.46
CREDIT: (50% of Difference)	$1,790.23

RESOLUTION NO. 2023-

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

APPROVING A WATER LEAK CREDIT ADJUSTMENT FOR CUSTOMER ACCOUNT NUMBER 613-07836-00 FOR APN 070-025-021 AT 7529 WESTHILL RD.

WHEREAS, the Board of Directors of the Calaveras County Water District adopted Ordinance No. 2000-03 – Credit Adjustment Policy on June 14, 2000 which established that credit adjustments in excess of $1,000 require approval from the Board of Directors; and

WHEREAS, Ordinance No. 2000-03 further states leak adjustments will only be granted once every five years per water service account; and

WHEREAS, the owners of 7529 Westhill Rd. (APN 070-025-021) have requested a leak adjustment credit in the amount of $1,790.23; and

WHEREAS, the customer has repaired their water leak; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT hereby authorize approval of the leak adjustment credit in the amount of $1,790.23 attached and made a part of hereto, as a one-time courtesy for the next five years for account number 613-07836-00.

PASSED AND ADOPTED this 28 day of June, 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

Item 3d

Agenda Item

DATE: June 28, 2023

TO: Michael Minkler, General Manager

FROM: Sam Singh, Senior Engineering Technician

SUBJECT: Awarding Contract for Utility Potholing and Data Collection for Jenny Lind A-B Water Transmission Pipeline Project CIP No. 11088

RECOMMENDED ACTION:

Motion: _____/_____ adopting Resolution No. 2023 - __ awarding contract and authorizing the General Manager to execute said contract with Mozingo Construction in the amount of $115,325 for utility potholing for the Jenny Lind A-B Water Transmission Pipeline Project, CIP No. 11088.

SUMMARY:

The District issued a Request for Proposal (RFP) on May 15, 2023 to pothole utilities along the proposed alignment for new water transmission main between Tanks A and Tank B in the Jenny Lind Water System. The District received one proposal from Mozingo Construction Inc on June 2, 2023 in the amount of $115,325.00

The scope of work is to obtain utility potholing data to assist with completing the transmission pipeline design. Forty (40) sites will be potholed to collect data on depth, size, and location of potential conflicting utilities prior to bidding for construction.

The potholing sites were selected to accommodate valve vaults for pressure regulating stations that will be used to connect the new transmission main to the existing distribution system. Also, the alignment of the existing water main is in a narrow right-of-way (such as Wind River) with limited space for excavating a parallel trench, thus making placement of the new pipeline difficult.

The contractor, Mozingo, has worked on past District projects and has a successful track record and good working relationship with staff. The District design consultant, Coleman Engineering, will also be involved during the discovery process. The consultant will incorporate the collected data to design around and eliminate any conflicts that might be found in this process and finish the 100% design drawings.

FINANCIAL CONSIDERATIONS:

The contract will cost $115,325.00, which will help reduce the risk of conflicts during construction and associated change orders. CIP #11088 has sufficient funds budgeted for this item of work.

Attachment: *Resolution 2023-___ Awarding a Construction Contract for the Utility Potholing and Data Collection for the Jenny Lind A-B Transmission Pipeline Project, CIP 11088*
Proposal from the selected bidder (Mozingo Construction Inc)

RESOLUTION NO. 2023-

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

AWARDING A CONSTRUCTION CONTRACT FOR THE UTILITY POTHOLING AND DATA COLLECTION FOR THE JENNY LIND A-B WATER TRANSMISSION PIPELINE PROJECT CCWD CIP #11088

WHEREAS, staff publicly advertised on May 15, 2023 a Request for Proposal (RFP) to perform utility potholing and associated data collection along the proposed alignment for the Jenny Lind A-B Water Transmission Pipeline Project. The purpose of the potholing effort is to collect utility data to be incorporated into the final project design; and

WHEREAS, upon a bid opening on June 2, 2023, one proposal was received from Mozingo Construction, Inc. in the amount of $115,325.00; and

WHEREAS, staff are satisfied with the proposed cost and acknowledge Mozingo Construction, Inc. to be a responsive and responsible bidder; and

WHEREAS, the 2023/24 Fiscal Year Capital Improvement Budget includes funds to cover the cost of this work effort, and

BE IT RESOLVED, the CALAVERAS COUNTY WATER DISTRICT Board of Directors hereby awards contract and authorizes General Manager to execute said contract with Mozingo Construction, Inc. in the amount of $115,325.00 for utility potholing and data collection for the Jenny Lind A-B Water Transmission Pipeline Project.

PASSED AND ADOPTED this 28th day of June, 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

PROPOSAL

June 2, 2023

Calaveras County Water District

Attn: Kate Jesus

Project: Jenny Lind A-B Water Transmission Pipeline Project - Utility Potholing and Data Collection
Valley Springs, Ca

We are pleased to submit the following proposal to perform work on the above referenced project. The following information was used in preparing our proposal:

- Plan sheets G1 to T2 prepared by Coleman Engineering, dated 3/31/2023
- Calaveras County Water District per RFP Utility Potholing and Data Collection Dated 05/15/2023
- Addenda number(s) 0 have been acknowledged

Proposal:

See attached for included items and pricing.

Scope:

Furnish all labor, materials, tools, equipment, and transportation necessary for the items listed on our proposal and further defined as follows:

1. Sequence of Work
   a. Proposal is based on the proved Utility Potholing for Data Collection plans and specifications provided at bid time.
   b. One mobilization is included. Costs of additional move-ins may include additional equipment mobilizations and losses in production charges due to interruptions in operations.
   c. Phasing – Phasing of work is not included in this proposal. Additional costs will be incurred if phasing is required.
2. Work in Existing Streets
   a. Traffic control is included.
   b. The traffic control is based on 1-way reversing control with flaggers.
   c. CMS boards are excluded
   d. Adjusting of existing utilities is excluded. Pre-lowering for the purpose of grinding or overlay by others
   e. Concrete and asphalt removal is excluded in areas also affected by paving/grading scope
   f. AC removal and patching –Will be completed under the pothole item of this proposal and includes removal of existing AC and Aggregates, and will be replaced with full import AB with a 4" Cold Mix AC Cap. RFP Utility Potholing and Data Collection Dated 05/15/2023

Clarifications:

1. On-site construction water, hydrant meter, and/or imported water to be provided district
2. Work requested during or near inclement weather or wet jobsite conditions may result in additional costs
3. MCI will request marking of existing utilities through Underground Service Alert. Locating of private utilities or utilities that are not marked by USA members is excluded
4. Staging area to be provided by general district

Exclusions:

1. Permits/Fees – are excluded unless other than the required Calaveras County Encroachment permit per the RFP mentioned above
2. Surveying/Staking – Other than surveying and staking needed to perform the work for the RFP mentioned above
3. Hazardous or contaminated substance removal
4. Overexcavation, handling unsuitable material or working with material with over optimum moisture content
5. Relocation, protection, or removal of existing overhead or underground utilities, sub-surface obstructions or debris. It is assumed that all proposed improvements are free of conflicts
6. Offhaul of spoils – Calaveras County Water District must provide a location to dump off haul and spoils for the work completed at a distance of no more than a mile to the area of work.
7. Dust Control Plan. Dust control when our forces are not actively working on site
8. SWPPP Plans, QSP/QSD services, BMP installation/maintenance/removal, inspection, sampling, monitoring, reporting and post construction BMP's
9. Air, settlement, vibration, sound, or other monitoring and mitigation
10. Biologist or Archaeologist services, Arborist services, wildlife surveys, demarcations and/or relocations
11. Overtime, shift premiums or liquidated damages
12. Design, engineering, and Building Information Modeling (BIM) participation.
13. Dewatering of subsurface ground water or control of rain / surface water
14. Replacement of existing traffic loop detectors
15. Permanent mot mix pavement, pavement seals, striping, markings, markers, parking bumpers or signage
16. Project specific project accounting software (Textura) costs
17. **ROCK CLAUSE - Rock excavation is excluded. Rock excavation will be identified as any material that cannot be excavated with a 470 size excavator at a minimum rate of 200 CY per hour. Payment for rock excavation to be handled on a time and materials basis or by other means agreeable to both parties. Drilling and blasting is excluded.**

Notations:

1. Signatory with the Northern California Laborers and the Operating Engineers
2. Price based on the award of the complete scope of work included herein
3. Project schedule to be mutually agreeable and will allow MCI to perform its work in an efficient sequence and manner. MCI to receive a copy of the baseline and subsequent schedule updates
4. Bondable, rate upon request
5. MCI to be paid monthly based on quantities or percent complete. We reserve the right to stop work if not paid in a timely manner
6. All Risk Insurance/Railroad/Pollution/Earthquake/Tidal Wave Insurance to be additional cost to contract if required
7. Excludes participation in any OCIP, CCIP, or Wrap-Up insurance programs
8. Unless otherwise agreed to, this letter is to be made part of the contract for the work included herein
9. Retention shall be reduced by 50% upon substantial completion of our work
10. Quote valid for 30 days. Material prices are subject to change if acceptance of this quote is not received within the time specified. Additionally, material prices are subject to increase if the materials cannot be shipped and paid for within the time allowed by material suppliers.

David Mohammed

Mozingo Construction, Inc.
David Mohammed
Estimator

Estimate No.: 23136

06/02/2023 13:50
23136 UTILITY POTHOLING AND DATA COLLECTION
*** David Mohammed **BID TOTALS**

Biditem	Description	Quantity	Units	Unit Price	Bid Total
100	POTHOLING	40.000	EA	1,706.00	68,240.00
200	TRAFFIC CONTROL	1.000	LS	23,085.00	23,085.00
300	SURVEYING	1.000	LS	24,000.00	24,000.00

Bid Total =========> $115,325.00

Item 3e

Agenda Item

DATE: June 28, 2023

TO: Calaveras County Water District Board of Directors

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Report on the Monthly Investment Transactions for May 2023

RECOMMENDED ACTION:

For information only.

SUMMARY:

Per the District's Investment Policy, staff will report the monthly investment activity for the preceding month. During May 2023, the following investment transactions occurred:

Chandler Asset Management Activity:	**General**	**Water CIP Loan**	**Sewer CIP Loan**
Book Value at 04/30/2023	**20,150,197.25**	**19,310,114.81**	**8,381,476.99**
Security Purchases	438,587.17	-	-
Money Market Fund Purchases	372,745.66	69,355.76	31,564.89
Money Market Contributions	-	-	-
Security Sales	(293,062.50)		-
Money Market Fund Sales	(439,494.21)		-
Maturities	-	-	-
Principal Paydown	(48,833.22)	-	-
Money Market Fund Withdrawals	(4.14)		-
Amortization/Accretion	(2,885.09)	-	-
Gain/Loss on Dispositions	(6,864.49)		-
Book Value at 05/31/2023	**20,170,386.43**	**19,379,470.57**	**8,413,041.88**
Local Agency Investment Fund Activity:			
Balance at 04/30/2023	**11,141,986.13**		
Withdrawals, Operating Cash	-		
Interest	-		
Balance at 05/31/2023	**11,141,986.13**		

LAIF (Local Agency Investment Fund) daily interest rates are 3.10% as of May 31, 2023.

Attachment: Investment Activity Report for May 2023

CALAVERAS COUNTY WATER DISTRICT
INVESTMENT ACTIVITY
FOR THE MONTH ENDING May 31, 2023

INVESTMENT TRUSTEE	TYPE OF FUNDS/Availability	MARKET VALUE	INVESTMENT COST		CPN RATE	DATE INVST	CM INTEREST AND DIVIDEND RECVD
			COST	PAR (PRINC)			
Local Agency Investment Fund	Restricted for Reserves/Special Projects	11,141,986.13	11,141,986.13	11,141,986.13	2.930%	ongoing	-
Chandler Asset Management	Restricted/Reserves/Expansion/AD/R&R	19,127,986.61	20,170,386.43	20,312,352.45	1.610%	ongoing	**20,189.18**
Chandler Asset Management - Water Loan	Committed to Specific CIP Projects	19,379,470.57	19,379,470.57	19,379,470.57	4.660%	ongoing	**69,355.76**
Chandler Asset Management - Sewer Loan	Committed to Specific CIP Projects	8,413,041.88	8,413,041.88	8,413,041.88	4.660%	ongoing	**31,564.89**
Totals		**58,062,485.19**	**59,104,885.01**	**59,246,851.03**			**121,109.83**

MONTHLY ACTIVITY

Chandler Asset Management Activity:	General	Water CIP Loan	Sewer CIP Loan
Book Value at 04/30/2023	**20,150,197.25**	**19,310,114.81**	**8,381,476.99**
Security Purchases	438,587.17	-	-
Money Market Fund Purchases	372,745.66	69,355.76	31,564.89
Money Market Contributions	-	-	-
Security Sales	(293,062.50)		-
Money Market Fund Sales	(439,494.21)		-
Maturities	-	-	-
Principal Paydown	(48,833.22)	-	-
Money Market Fund Withdrawals	(4.14)		-
Amortization/Accretion	(2,885.09)	-	-
Gain/Loss on Dispositions	(6,864.49)		-
Book Value at 05/31/2023	**20,170,386.43**	**19,379,470.57**	**8,413,041.88**
Local Agency Investment Fund Activity:			
Balance at 04/30/2023	**11,141,986.13**		
Withdrawals, Operating Cash	-		
Interest	-		
Balance at 05/31/2023	**11,141,986.13**		

CALAVERAS COUNTY WATER DISTRICT
CHANDLER ASSET MANAGEMENT (General)
FOR THE MONTH ENDED May 31, 2023

INVESTMENT TRUSTEE/TYPE	MARKET VALUE	INVESTMENT COST			Dividends Earned	Interest Earned
		BOOK	PAR Value/Units	CPN RATE		
Asset Backed Security	850,971.50	879,943.53	979,980.08	0.89%		665.78
Agency Securities	2,300,058.00	2,409,360.36	2,400,000.00	0.96%		1,592.67
CMO	765,554.83	780,300.93	790,000.00	3.50%		
Corporate Securities	4,375,398.69	4,573,186.83	4,555,000.00	1.85%		14,833.75
Money Market Fund (Cash)	17,372.37	17,372.37	17,372.37	4.66%	237.36	
Supernational Securities	1,041,084.77	1,120,367.44	1,120,000.00	0.65%		
US Treasury	9,777,546.45	10,389,854.97	10,450,000.00	1.38%		13,500.00
Totals	**19,127,986.61**	**20,170,386.43**	**20,312,352.45**	**1.46%**	**237.36**	**30,592.20**

Item 3f

Agenda Item

DATE: June 28, 2023

TO: Michael Minkler, General Manager

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Approving District's Financial Management Policy – No. 5.02, Purchasing Policy

---

RECOMMENDED ACTION:

Motion _____ / _____ adopting Resolution No. 2023 - ____ Approving District's Financial Management Policy – No. 5.02, Purchasing Policy.

SUMMARY:

The District's Financial Management Policy – No. 5.02, Purchasing Policy, was last revised by the Board on May 27, 2020, by Resolution 2020-30. Included in the Purchasing Policy is the District's Purchasing Authorization Levels, a document that lists the purchasing limits for various positions within the District.

There have been several changes and updates to the District's Personnel Allocation, which necessitates updating the positions and titles listed in the District's Purchasing Authorization Levels - there are no changes in the dollar limits for each position type. Attached is a redline version of the existing Purchasing Authorization Levels and the proposed Purchasing Authorization Levels.

FINANCIAL CONSIDERATIONS:

None at this time.

Attachments: *Resolution 2023 - _ Approving District's Financial Management Policy 5.02 – Purchasing Policy*
Underline/Strikeout of District's Purchasing Authorization Levels
Proposed District's Purchasing Authorization Levels

RESOLUTION 2023 –

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

AMENDING DISTRICT FINANCIAL MANAGEMENT POLICY NO. 5.02 – PURCHASING POLICY

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted an Purchasing Policy on January 12, 2005, which policy has been amended in part or in its entirety since that time, and

WHEREAS, the Board most recently adopted Financial Management Policy No. 5.02 – Purchasing Policy by Resolution No 2020-30 on May 27, 2020; and

WHEREAS, the Board of Directors is required review and amend as appropriate the District's Purchasing Authorization Levels within the Purchasing Policy; and

WHEREAS, there have been updates and additions to the District's Personnel Allocation, and an update to the District's Purchasing Authorization Levels is required.

NOW, THEREFORE BE IT RESOLVED, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby amend the Purchasing Authorization Levels of the Financial Management Policy No. 5.02 – Purchasing Policy, adopted by Resolution 2020-30, as attached hereto and made a part hereof, to be effective June 28, 2023.

PASSED AND ADOPTED this 28th day of June, 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

Calaveras County Water District
Financial Management Policy 5.02
Purchasing Policy

CCWD Purchasing Authorization Levels
Resolution 2020-30
Effective May 27, 2020

	(Up to)
General Manager or Designated Representative (in the absence of General Manager) in the case of a declared Federal or State Emergency (requires subsequent ratification by Board of Directors)	$ 150,000
Authorizations Dependent on a Board-Approved budget	
General Manager	$ 99,999
Directors: Operations and Administrative Services	$ 35,000
District Engineer	$ 35,000
Plant Operations Manager	$ 15,000
~~Distribution / Collections Manager~~ Construction and Maintenance Manager	$ 15,000
~~Water Resources Program Manager,~~ Manager of Water Resources, Human Resources Manager, ~~and~~ External Affairs Manager, Business Services Manager and Information Services Administrator	$ 15,000
Purchasing Agent	$ 10,000
Supervisors, as approved and delegated by the respective Director or Department Manager	up to $2500
Staff Personnel, as approved and delegated by the respective Director or Department Manager	up to $1000

Calaveras County Water District
Financial Management Policy 5.02
Purchasing Policy

CCWD Purchasing Authorization Levels
Resolution 2023 -
Effective June 28, 2023

	(Up to)
General Manager or Designated Representative (in the absence of General Manager) in the case of a declared Federal or State Emergency (requires subsequent ratification by Board of Directors)	$ 150,000
Authorizations Dependent on a Board-Approved budget	
General Manager	$ 99,999
Directors: Operations and Administrative Services	$ 35,000
District Engineer	$ 35,000
Plant Operations Manager	$ 15,000
Construction and Maintenance Manager	$ 15,000
Manager of Water Resources, Human Resources Manager, External Affairs Manager, Business Services Manager and Information Services Administrator	$ 15,000
Purchasing Agent	$ 10,000
Supervisors, as approved and delegated by the respective Director or Department Manager	up to $2500
Staff Personnel, as approved and delegated by the respective Director or Department Manager	up to $1000

Item 4a

Agenda Item

DATE: June 28, 2023

TO: Board of Directors

FROM: Brad Arnold, Water Resources Program Manager

SUBJECT: Approval of FY 2024 Service Area Water Supply & Demand Assessments

---

RECOMMENDED ACTION:

Motion: _____/_____ by Minute Entry to acknowledge and approve the findings of CCWD's Fiscal Year 2024 Water Supply and Demand Assessments (WSDAs) and Water Supply Projections Report.

SUMMARY:

Calaveras County Water District (CCWD) adopted its latest 2020 Water Shortage Contingency Plan (WSCP) in June 2021, per California Water Code (CWC) and California Department of Water Resources (DWR) requirements. This adoption codified six "Stages" of water shortage response, from least to most severe, based on water supply conditions in CCWD's service areas and provided "Shortage Response Actions" (Actions) meant to curb water demands to address supply issues and to support local conservation efforts.

The CWC also requires CCWD to develop annual projections of available water supplies and demands, and to review the need for particular Stages and/or Actions contemplated in the WSCP. The purpose is to formalize how water suppliers estimate available water supplies, project water demand trends, and factor certain drought impacts (e.g., water rights curtailments). These "Water Supply and Demand Assessments" (WSDAs) must be developed to review the upcoming Fiscal Year (FY) period and submitted to DWR by July 1. For FY 2024, covering the period July 1, 2023 through June 30, 2023, the WSDAs were developed for each of CCWD's water service areas in accordance with the water demands, water supplies, water shortage assessment, and planned water shortage response action(s) table provided by DWR, as shown in Attachments A1 through A6. Additionally, CCWD staff developed a "Water Supply Projections Report" (Projections Report) for FY 2024, similar to the prior FY and provided in Attachment B, to complement the WSDAs and provide a snapshot of local and state-wide water conditions, as well as a reference for future assessment and projections. Key findings of the FY 2024 WSDAs and Projections Report include:

- Majority of California is no longer in drought conditions owing to plentiful precipitation during the 2022-2023 winter season. To date, accumulated precipitation in the San Joaquin River Watershed from October 1, 2022 remains around 160% of average, one of the wettest years on record.
- Owing to these conditions, CCWD's service areas have adequate availability of direct diversion and stored water supplies to meet its projected FY 2024 water demands. Moreover, it is anticipated that CCWD's water supplies will continue in good standing

for the short-term even if 2023-2024 winter conditions trend towards drier year types, given several reservoirs are at or near full conditions with plentiful streamflow.

- No water shortage conditions were calculated for any of CCWD's service areas based on analysis of projected water supplies and demands for FY 2024. As such, no mandatory WSCP shortage actions were recommended. Given Governor Newsom's Executive Order N-5-23 relieving drought emergency provisions and these CCWD supply conditions, CCWD exited "Stages 1 and 2" of its WSCP on April 12, 2023.
- The primary water supply risks to CCWD's service areas remain facilities outages or failures that limit operational ability to obtain supplies and intake to WTPs when needed. Although adequate supplies are available for Sheep Ranch, Wallace, and West Point, available data and notes suggest there have been historic issues in these areas due to reliance on infrastructure at single or aging points of diversion/extraction. Additionally, these areas do not have access to large water rights or contract based stored water supplies that the other areas benefit from (e.g., New Spicer Meadow Reservoir for Copper Cove and Ebbetts Pass, New Hogan Reservoir for Jenny Lind). More analyses are needed to study the water supply vulnerabilities and opportunities for these service areas.

CCWD is fortunate to have several water rights, water supply agreements, and adequate storage to ensure reliable water supply for its service areas. In general, water supplies made available to CCWD for use should allow for appropriate adjustments to be made to prevent any of issues highlighted in the WSDAs going forward. CCWD will continue to monitor potential State Water Resources Control Board (SWRCB) curtailment activities and may also update the WSDAs or data to reflect service area systems capabilities more accurately. CCWD anticipates continuing coordination with Calaveras County officials and other water suppliers to promote water conservation activities, via the "Calaveras Conserves" program, and will engage with the public on water conservation topics as needed.

FINANCIAL CONSIDERATIONS:

None

Attachments: A1 to A6) CCWD Service Area WSDA Tables
B) Water Supply Projections Report

Attachment A1
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
Copper Cove Service Area

Projected FY 2024 Demands (AF)	1,411.5
Estimated Water Supplies (AF)	1,411.5
De^lcit Calculated (AF)	0

Begin Carryover Storage[1] (AF)	190,785
Ending Carryover Storage Est[1,2] (AF)	65,308

[1] Combined New Spicer Meadow and McKays Point Reservoirs. Carryover available for Copper Cove and/or Ebbetts Pass uses, and/or for North Fork Hydroelectric Project (non-consumptive) use.

[2] Assuming no in^lows to storage during late-2023 winter season.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cycle	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Demand: *(Must use the same unit throughout)*	AF
Water Supplier's Contact Information	
Water Supplier's Name:	Calaveras County Water District (CCWD): Copper Cove Service Area
Contact Name:	Brad J. Arnold
Contact Title:	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number:	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above)*	
Preparer's Organization Name:	
Preparer's Contact Name:	
Phone Number:	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Plan
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Optional)	
Activity	**Timeline/ Outcomes / Links / Notes**
Annual Assessment/ Shortage Report Title:	CCWD FY 2024 Water Supply Projections Report
Annual Assessment / Shortage Report Approval Date:	6/28/2023
Other Annual Assessment Related Activities:	
PWSID:	CA0510017

	= From prior tables
	= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF						
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		125	124	115	98	48	45	51	49	50	62	100	110	975
Losses	Loss Audit Estimate		56	55	51	44	22	20	23	22	22	28	45	49	436
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			181	179	166	141	70	65	73	71	72	89	145	159	1,411
Demands Served by Non-Potable Supplies														
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data.

[1]Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2]Units of measure (AF, CCF, MG) must remain consistent.

[3]When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total**
Last year's total demand	178	180	163	140	79	69	72	66	68	92	144	159	1,410
Two years ago total demand	187	174	165	142	70	63	64	72	94	95	132	153	1,410
Three years ago total demand	187	192	167	148	107	81	69	60	75	107	147	168	1,507
Four years ago total demand													0

	= From prior tables
	= Auto calculated

Table 3: Water Supplies[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]													Water Quality **Drop-down List**	Total Right or Safe Yield* (optional)
		Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Supply Type**		
Potable Supplies																
Surface water (not desal.)	Div Water Rts	0	0	0	0	0	0	0	0	72	89	145	65	372		
Supply from Storage	NSM Sto Rel.	181	179	166	141	70	65	73	71	0	0	0	94	1,040		
Supply from Storage	McKays Sto	0	0	0	0	0	0	0	0	0	0	0	0	0		
														0		
														0		
														0		
														0		
														0		
														0		
														0		
Total by Month (Potable)		181	179	166	141	70	65	73	71	72	89	145	159	1,411		0
Non-Potable Supplies																
														0		
														0		
														0		
														0		
														0		
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0		0

Notes: Surface water diversion and release from storage from combination of consumptive water rights held by CCWD in North Fork Stanislaus River Watershed (P015013, P015015, P014769, P015018, and P0150124). Direct diversions and diversions to storage under these rights subject to SWRCB curtailment action(s); assumed June through October due to ongoing drought conditions. Supply from storage from CCWD New Spicer Meadow Reservoir (NSM) and McKays Point Reservoir (McKays). Up to 6,000 AF per year available to CCWD Copper Cove Service Area per water rights conditions.

[1]Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2]Units of measure (AF, CCF, MG) must remain consistent.

[3]When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total**
eAR Reported Total Water Supplies													**0**

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessment[1]	Start Year: 2023	Volumetric Unit Used[2]:	AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	180.8	178.9	165.9	141.4	69.9	65.3	73.2	70.9	72.2	89.4	144.7	159.0	1411.5
Anticipated Total Water Supply	180.8	178.9	165.9	141.4	69.9	65.3	73.2	70.9	72.2	89.4	144.7	159.0	1411.5
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Level	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1]Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2]Units of measure (AF, CCF, MG) must remain consistent.

[3]When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessment[1]	Start Year: 2023	Volumetric Unit Used[2]:	AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1]Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2]Units of measure (AF, CCF, MG) must remain consistent.

[3]When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions				July 1, 2023		to June 30, 2024	
Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?		
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*	
Add additional rows as needed							
0 (No Shortage)	No Actions						

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Attachment A2
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
Ebbetts Pass Service Area

Projected FY 2024 Demands (AF)	1,404.3
Estimated Water Supplies (AF)	1,404.3
De^lcit Calculated (AF)	0

Begin Carryover Storage[1] (AF)	190,785
Ending Carryover Storage Est[1,2] (AF)	65,308

[1] Combined New Spicer Meadow and McKays Point Reservoirs. Carryover available for Copper Cove and/or Ebbetts Pass uses, and/or for North Fork Hydroelectric Project (non-consumptive) use.

[2] Assuming no in^lows to storage during late-2023 winter season.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cyc	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Deman *(Must use the same unit throughout*	AF
Water Supplier's Contact Informatio	
Water Supplier's Name	Calaveras County Water District (CCWD): Ebbetts Pass Service Are
Contact Name	Brad J. Arnold
Contact Title	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above*	
Preparer's Organization Name	
Preparer's Contact Name	
Phone Number	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Pla
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Option	
Activity	**Timeline/ Outcomes / Links / Note**
Annual Assessment/ Shortage Report Title	CCWD FY 2024 Water Supply Projections Repo
Annual Assessment / Shortage Report Approval Date	6/28/2023
Other Annual Assessment Related Activities	
PWSID:	CA0510016

= From prior tables

= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF					
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		77	67	56	45	35	43	49	40	57	55	51	67	642
Transfers to other agencies	Wholesale/HOAs		26	25	25	20	15	16	14	9	10	10	9	12	190
Losses	Loss Audit Estimate		71	63	56	45	35	40	43	33	47	44	41	54	572
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			174	154	136	110	86	99	105	82	114	109	101	133	1,404
Demands Served by Non-Potable Supplies															
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data. CCWD Hunters WTP for Ebbetts Pass Service Area also provides potable water supplies at wholesale to local HOAs (e.g., Blue Lake Springs MWC, Snowshoe Springs HOA); estimates based on historic percentages.

[1] Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand	169	157	137	119	89	94	97	79	105	107	107	138	1,396
Two years ago total demand	192	178	175	123	93	97	104	92	94	94	109	123	1,474
Three years ago total demand	178	188	166	154	105	87	83	83	79	104	132	155	1,513
Four years ago total demand													0

	= From prior tables
	= Auto calculated

Table 3: Water Supplies[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]												Water Quality Drop-down List	Total Right or Safe Yield* (optional)
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type	
Potable Supplies															
Surface water (not desal.)	Div Water Rts	0	0	0	0	0	0	0	0	114	109	101	53	378	
Supply from Storage	NSM Sto Rel.	174	154	136	110	86	99	105	82	0	0	0	80	1,027	
Supply from Storage	McKays Sto Rel.	0	0	0	0	0	0	0	0	0	0	0	0	0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
Total by Month (Potable)		174	154	136	110	86	99	105	82	114	109	101	133	1,404		0
Non-Potable Supplies															
														0	
														0	
														0	
														0	
														0	
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0		0

Notes: Surface water diversion and release from storage from combination of consumptive water rights held by CCWD in North Fork Stanislaus River Watershed (P015013, P015015, P014769, P015018, and P0150124). Direct diversions and diversions to storage under these rights subject to SWRCB curtailment action(s); assumed June through October due to ongoing drought conditions. Supply from storage from CCWD New Spicer Meadow Reservoir (NSM) and McKays Point Reservoir (McKays). Up to 8,000 AF per year available to CCWD Ebbetts Pass Service Area per water rights conditions.

[1] Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													0

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	173.8	153.9	136.4	110.1	86.0	99.2	105.4	82.2	114.2	109.2	101.1	132.9	1404.3
Anticipated Total Water Supply	173.8	153.9	136.4	110.1	86.0	99.2	105.4	82.2	114.2	109.2	101.1	132.9	1404.3
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Leve	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions			July 1, 2023		to June 30, 2024	
Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	No Actions					

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Attachment A3
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
Jenny Lind Service Area

Projected FY 2024 Demands (AF)	1,964.4
Estimated Water Supplies (AF)	1,964.4
De^lcit Calculated (AF)	0

Begin Carryover Storage[1] (AF)	31,279
Ending Carryover Storage Est[3] (AF)	7,700[2]

[1] Contractual allocation of New Hogan Reservoir for 2023. Per contract, Stockton East Water District is entitled to use CCWD portion of stored water not scheduled/used by CCWD.

[2] Firm annual amount available to CCWD in all year types.

[3] Assuming no in^lows to storage during late-2023 winter season.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cyc	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Deman *(Must use the same unit throughout*	AF
Water Supplier's Contact Informatio	
Water Supplier's Name	Calaveras County Water District (CCWD): Jenny Lind Service Are
Contact Name:	Brad J. Arnold
Contact Title	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above*	
Preparer's Organization Name	
Preparer's Contact Name	
Phone Number	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Pla
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Option	
Activity	**Timeline/ Outcomes / Links / Note**
Annual Assessment/ Shortage Report Title	CCWD FY 2024 Water Supply Projections Repo
Annual Assessment / Shortage Report Approval Date	6/28/2023
Other Annual Assessment Related Activities	
PWSID:	CA0510006

= From prior tables

= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF					
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		169	162	152	125	75	76	78	68	67	77	114	155	1,320
Losses	Loss Audit Estimate		82	79	74	61	37	37	38	33	33	38	56	76	645
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			251	242	226	187	112	113	116	101	100	115	169	231	1,964
Demands Served by Non-Potable Supplies														
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data.

[1] Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand	244	239	220	188	116	109	108	93	95	123	175	230	1,940
Two years ago total demand	280	261	229	171	106	106	112	115	144	143	192	215	2,075
Three years ago total demand	277	277	237	210	140	109	103	92	118	173	225	253	2,215
Four years ago total demand													0

	= From prior tables
	= Auto calculated

Table 3: Water Supplie[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]												Water Quality Drop-down List	Total Right or Safe Yield* (optional)
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type	
Potable Supplies															
Purchased/Imported Water	NH Contract	251	242	226	187	112	113	116	101	100	115	169	231	1,964	4680
														0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
Total by Month (Potable)		251	242	226	187	112	113	116	101	100	115	169	231	1,964	0
Non-Potable Supplies															
														0	
														0	
														0	
														0	
														0	
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Contract water supply for stored water from New Hogan Reservoir (NH) with Bureau of Reclamation (Contract No. 14-06-200-5057A). Up to 31,279 AF per year available to CCWD from NH per contract, with 7,700 AF per year minimum available in all year types.

[1] Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													**0**

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	251.0	241.7	226.2	186.5	112.1	113.3	116.4	101.3	100.4	115.1	169.3	231.1	1964.4
Anticipated Total Water Supply	251.0	241.7	226.2	186.5	112.1	113.3	116.4	101.3	100.4	115.1	169.3	231.1	1964.4
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Leve	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions July 1, 2023 to June 30, 2024

Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	No Actions					

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Attachment A4
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
Sheep Ranch Service Area

Projected FY 2024 Demands (AF)	12.8
Estimated Water Supplies (AF)	12.8
De^lcit Calculated (AF)	0

Begin Carryover Storage[1] (AF)	109.2
Ending Carryover Storage Est[1,2] (AF)	82.8

[1] Storage in White Pines Lake.

[2] Assuming no in^lows to storage during late-2023 winter season. CCWD may release additional ^lows from White Pines Lake for operational purposes, not used by Sheep Ranch.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cyc	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Deman *(Must use the same unit throughout*	AF
Water Supplier's Contact Informatio	
Water Supplier's Name	Calaveras County Water District (CCWD): Sheep Ranch Service Are
Contact Name	Brad J. Arnold
Contact Title	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above*	
Preparer's Organization Name	
Preparer's Contact Name	
Phone Number	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Pla
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Option	
Activity	**Timeline/ Outcomes / Links / Note**
Annual Assessment/ Shortage Report Title	CCWD FY 2024 Water Supply Projections Repo
Annual Assessment / Shortage Report Approval Date	6/28/2023
Other Annual Assessment Related Activities	
PWSID:	CA0510004

= From prior tables

= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF					
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		1.1	1.4	1.0	0.9	0.3	0.3	0.3	0.2	0.5	0.4	0.6	0.8	7.8
Losses	Loss Audit Estimate		0.7	0.9	0.6	0.6	0.2	0.2	0.2	0.1	0.3	0.3	0.4	0.5	5.0
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			1.8	2.4	1.6	1.5	0.5	0.5	0.5	0.4	0.8	0.7	0.9	1.3	12.8
Demands Served by Non-Potable Supplies															
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data.

[1] Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand	1.8	2.3	1.8	1.4	0.6	0.5	0.5	0.5	0.7	0.6	0.9	1.6	13.3
Two years ago total demand	2.0	2.1	2.0	1.0	0.8	0.7	0.7	0.6	0.7	1.8	0.8	1.3	14.7
Three years ago total demand	2.3	2.3	2.6	1.4	1.2	0.8	0.8	0.9	0.8	0.9	1.1	2.6	17.5
Four years ago total demand													0.0

	= From prior tables
	= Auto calculated

Table 3: Water Supplies[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]												Water Quality Drop-down List	Total Right or Safe Yield* (optional)
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type	
Potable Supplies															
Surface water (not desal.)	Div Water Rts	0.0	0.0	0.3	0.3	0.5	0.5	0.5	0.4	0.8	0.7	0.2	0.0	4.1	262
Supply from Storage	WP Sto Rel.	1.8	2.4	1.3	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.3	8.6	109
														0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
Total by Month (Potable)		1.8	2.4	1.6	1.5	0.5	0.5	0.5	0.4	0.8	0.7	0.9	1.3	12.8	0
Non-Potable Supplies															
														0	
														0	
														0	
														0	
														0	
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Surface water diversion and release from storage from pre-1914 water right claim held by CCWD to Big Trees Creek, upstream of White Pines Lake (WP) and San Antonio Creek diversion to Sheep Ranch Service Area (S000249). Direct diversions and diversions to storage under these rights subject to SWRCB curtailment action(s); assumed June through October due to ongoing drought conditions. Supply from storage from WP facility.

[1] Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													0

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	1.8	2.4	1.6	1.5	0.5	0.5	0.5	0.4	0.8	0.7	0.9	1.3	12.8
Anticipated Total Water Supply	1.8	2.4	1.6	1.5	0.5	0.5	0.5	0.4	0.8	0.7	0.9	1.3	12.8
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Leve	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions

July 1, 2023 to June 30, 2024

Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap? *Enter Amount*	*(Drop-down List) Select % or Volume Unit*	When is shortage response action anticipated to be implemented? *Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	No Actions					

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Attachment A5
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
Wallace Service Area

Projected FY 2024 Demands (AF)	72.0
Estimated Water Supplies (AF)	72.0
De^lcit Calculated (AF)	0

Begin Carryover Storage (AF)	N/A[1]
Ending Carryover Storage Est (AF)	N/A[1]

[1] No raw water storage in service area.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cyc	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Deman *(Must use the same unit throughout*	AF
Water Supplier's Contact Informatio	
Water Supplier's Name	Calaveras County Water District (CCWD): Wallace Service Are
Contact Name	Brad J. Arnold
Contact Title	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above*	
Preparer's Organization Name	
Preparer's Contact Name	
Phone Number	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Pla
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Option	
Activity	**Timeline/ Outcomes / Links / Note**
Annual Assessment/ Shortage Report Title	CCWD FY 2024 Water Supply Projections Repo
Annual Assessment / Shortage Report Approval Date	6/28/2023
Other Annual Assessment Related Activities	
PWSID:	CA0510019

= From prior tables

= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF					
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		5.7	5.6	5.1	4.3	2.5	2.1	1.8	1.7	1.5	5.5	3.8	4.7	44.3
Losses	Loss Audit Estimate		3.5	3.5	3.2	2.7	1.6	1.3	1.1	1.1	1.0	3.4	2.4	3.0	27.7
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			9.2	9.1	8.3	6.9	4.1	3.4	3.0	2.8	2.5	8.9	6.1	7.7	72.0
Demands Served by Non-Potable Supplies															
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data.

[1] Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand	8.7	8.6	7.6	6.6	4.2	3.4	2.8	2.6	2.4	8.1	6.1	7.5	68.5
Two years ago total demand	9.3	9.3	8.8	6.4	3.2	2.7	3.2	3.6	4.4	4.6	6.6	7.4	69.5
Three years ago total demand	8.8	8.9	7.3	6.4	4.6	3.4	2.9	2.9	3.5	5.1	7.0	8.0	68.8
Four years ago total demand													0.0

	= From prior tables
	= Auto calculated

Table 3: Water Supplie[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]												Water Quality Drop-down List	Total Right or Safe Yield* (optional)
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type	
Potable Supplies															
Groundwater (not desal.)		9.2	9.1	8.3	6.9	4.1	3.4	3.0	2.8	2.5	8.9	6.1	7.7	72.0	214
														0.0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
														0	
Total by Month (Potable)		9.2	9.1	8.3	6.9	4.1	3.4	3.0	2.8	2.5	8.9	6.1	7.7	72.0	0
Non-Potable Supplies															
														0	
														0	
														0	
														0	
														0	
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Groundwater pumping from Eastern San Joaquin Groundwater Subbasin (Subbasin). The Subbasin is "critically overdrafted" and subject to Sustainable Groundwater Management Act (SGMA) regulations. Total safe yield based on 133 gpm CCWD well pumping capacity for Wallace Service Area.

[1] Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													**0**

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	9.2	9.1	8.3	6.9	4.1	3.4	3.0	2.8	2.5	8.9	6.1	7.7	72.0
Anticipated Total Water Supply	9.2	9.1	8.3	6.9	4.1	3.4	3.0	2.8	2.5	8.9	6.1	7.7	72.0
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Leve	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions July 1, 2023 to June 30, 2024

Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	No Actions					

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Attachment A6
Calaveras County Water District
FY 2024 Water Supply & Demand Assessment
West Point Service Area

Projected FY 2024 Demands (AF)	192.3
Estimated Water Supplies (AF)	192.3
De^lcit Calculated (AF)	0

Begin Carryover Storage[1] (AF)	43.3
Ending Carryover Storage Est[1,2] (AF)	35.1

[1] Storage in Bummerville Regulating Reservoir.

[2] Assuming no in^lows to storage during late-2023 winter season. CCWD may release additional ^lows from Bummerville Regulating Reservoir for operational purposes, not used by West Point.

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2023
End: June 30,	2024
Supplier's Annual Assessment Planning Cyc	
Start Month:	July
End Month:	June
Data Reporting Interval Used:	Monthly
Volume Unit for Reported Supply and Deman *(Must use the same unit throughout*	AF
Water Supplier's Contact Informatio	
Water Supplier's Name	Calaveras County Water District (CCWD): West Point Service Are
Contact Name	Brad J. Arnold
Contact Title	Water Resources Program Manager
Street Address:	120 Toma Court, San Andreas, CA
ZIP Code:	95249
Phone Number	(209) 754-3094
Email Address:	brada@ccwd.org
Report Preparer's Contact Information *(if different from above*	
Preparer's Organization Name	
Preparer's Contact Name	
Phone Number	
Email Address:	
Supplier's Water Shortage Contingency Plan	
WSCP Title	CCWD 2020 Water Shortage Contingency Pla
WSCP Adoption Date	6/23/2021
Other Annual Assessment Related Activities (Option	
Activity	**Timeline/ Outcomes / Links / Note**
Annual Assessment/ Shortage Report Title	CCWD FY 2024 Water Supply Projections Repo
Annual Assessment / Shortage Report Approval Date	6/28/2023
Other Annual Assessment Related Activities	
PWSID:	CA0510005

= From prior tables

= Auto calculated

Table 2: Water Demands[1]

Use Type			Start Year:	2023			Volumetric Unit Used[2]:	AF						
Drop-down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies **Drop-down list**	Projected Water Demands - Volume[3]											
			Jul	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Total by Water Demand Type**
Demands Served by Potable Supplies														
All Demands	Serv Area (Domestic)		15	13	9	8	8	6	7	5	6	6	5	11	101
Losses	Loss Audit Estimate		14	12	9	8	8	5	6	5	5	5	5	10	92
															0
															0
															0
															0
															0
															0
															0
															0
Total by Month (Potable)			29	25	18	16	16	11	14	10	11	11	10	21	192
Demands Served by Non-Potable Supplies															
															0
															0
															0
															0
															0
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	0	0

Notes: Average of 2/4 year trends and long-term service area demand data (includes domestic indoor and outdoor uses). Losses estimate based on average percentage from CCWD annual Urban Water Loss Audit data.

[1] Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand	26	23	17	15	14	10	11	8	9	6	11	20	171
Two years ago total demand	28	27	23	17	14	14	15	14	18	14	18	21	220
Three years ago total demand	20	22	21	16	12	11	9	8	8	11	18	22	178
Four years ago total demand													0

	= From prior tables
	= Auto calculated

Table 3: Water Supplie[1]

Water Supply	Start Year:	2023	Volumetric Unit Used[2]:	AF

Drop-down List May use each category multiple times.These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume[3]													Water Quality Drop-down List	Total Right or Safe Yield* (optional)
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type		
Potable Supplies																
Surface water (not desal.)	Div Water Rts	29	8	0	0	13	11	14	10	11	11	10	21	138		1,830
Supply from Storage	BumReg Sto Rel	0	0	0	0	0	0	0	0	0	0	0	0	0		43
Purchased/Imported Water	CPUD Contract	0	17	18	16	3	0	0	0	0	0	0	0	54		200
														0		
														0		
														0		
														0		
														0		
														0		
														0		
Total by Month (Potable)		29	25	18	16	16	11	14	10	11	11	10	21	192		0
Non-Potable Supplies																
														0		
														0		
														0		
														0		
														0		
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	0	0		0

Notes: Surface water diversion and release from storage from combination of consumptive and pre-1914 water rights held by CCWD to Bear Creek (S028800, P015452). Direct diversions and diversions to storage under these rights subject to SWRCB curtailment action(s); assumed June through October due to ongoing drought conditions. Supply from storage from CCWD Bummerville Regulating Reservoir (BumReg). Supplemental supply available via contract with Calaveras Public Utility District (CPUD) for stored water from CPUD's Schaads Reservoir on the Middle Fork Mokelumne River, up to 200 AF per year made available.

[1] Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
eAR Reported Total Water Supplies													0

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(P): Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand	29.3	25.1	17.9	16.0	15.8	11.3	13.6	9.6	11.3	11.4	10.0	21.0	192.3
Anticipated Total Water Supply	29.3	25.1	17.9	16.0	15.8	11.3	13.6	9.6	11.3	11.4	10.0	21.0	192.3
Surplus/Shortage w/o WSCP Action	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
State Standard Shortage Leve	0	0	0	0	0	0	0	0	0	0	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

	= Auto calculated
	= From prior tables
	= For manual input

Table 4(NP): Non-Potable Water Shortage Assessmer[1]

Start Year: 2023 | Volumetric Unit Used[2]: AF

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun[3]	Total
Anticipated Unconstrained Demand: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Surplus/Shortage w/o WSCP Action: Non-Potable													
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation													0.0
Benefit from WSCP: Demand Reduction													0.0
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
% Revised Surplus/Shortage with WSCP													

[1] Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.

[2] Units of measure (AF, CCF, MG) must remain consistent.

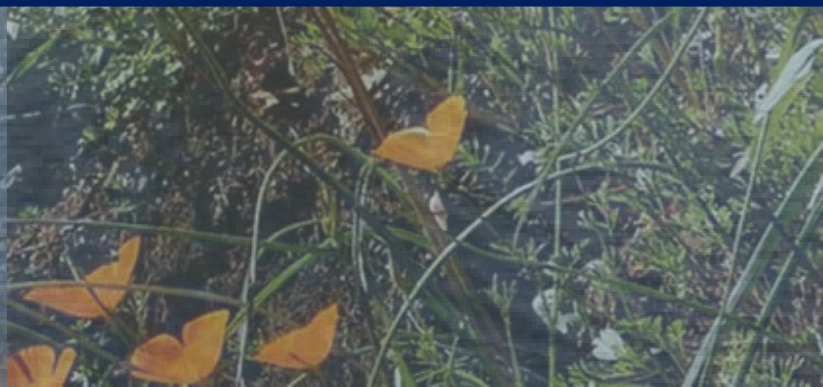
[3] When optional monthly volumes aren't provided, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions July 1, 2023 to June 30, 2024

Anticipated Shortage Level Drop-down List of State Standard Levels (1 - 6) and Level 0 (No Shortage)	**ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)** These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is action already being implemented? **(Y/N)**	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	*(Drop-down List) Select % or Volume Unit*	*Start Month*	*End Month*
Add additional rows as needed						
0 (No Shortage)	No Actions					

Notes: **Stage 1** "Other Actions" include promotion of voluntary conservation practices (e.g., public outreach and engagement, in-County WUE promotion). Other Stage 1 actions all voluntary in nature (e.g., advocate avoiding unnecessary landscape irrigation, discourage water use for washing hard surfaces); corresponds with 10 percent supply reduction, accumulated for all Stage 1 actions. Stage 1 enacted by CCWD on July 14, 2021 and still in effect. **Stage 2** enacted by CCWD on June 8, 2022 per Gov EO N-7-22 and SWRCB drought order requirements. Volume estimates for actions based on percentage reductions of estimated outdoor usage, CCWD water loss reduction efforts, and indoor leak/opt out services, consistent with historic data trends.

Fiscal Year 2024
Water Supply Projections Report
Calaveras County Water District
Prepared June 2023



Calaveras County Water District
FY 2024 Water Supply Projections Report

The 2023 Calaveras County Water District (CCWD) Water Supply Projections Report (Projections Report) for Fiscal Year 2024, covering the period July 1, 2023, through June 30, 2024 (FY 2024), provides an overview of hydrologic conditions and the available water supplies and projected demands for CCWD's six water service areas spread throughout Calaveras County (County). This Projections Report complements the annual Water Supply and Demand Assessments (WSDAs) developed by CCWD per the requirements of the California Water Code (CWC) §10632 et seq. and the guidelines provided by the California Department of Water Resources (DWR). It also provides CCWD with a snapshot of local and state-wide water conditions, and a reference point for future assessments and projections analyses. Projections Report contents include a review of County hydrologic conditions, service area water supply conditions, and overview of recommended shortage response actions, if required.

Projections Report Key Points:

- *Majority of California no longer in drought conditions owing to plentiful precipitation during the 2022-2023 winter season.* Only small percentage of California remains in "Abnormally Dry" or "Moderate Drought" conditions according to U.S. Drought Monitor (Drought Monitor), and Calaveras County has no drought markers. San Joaquin Watershed '5-Station Index' on California Data Exchange Center (CDEC) indicates accumulated precipitation around 160% of average for date, one of the wettest years on record.
    - Governor Gavin Newsom issued Executive Order N-5-23 on March 24, 2023, relieving drought emergency provisions while retaining some statewide voluntary and other water use efficiency measures. As a result, and given no issues with CCWD's water supplies, CCWD exited "Stages 1 and 2" of its Water Shortage Contingency Plan (WSCP) via Board of Directors' (Board) Resolution 2023-18. The WSCP contains "ongoing conservation measures" and voluntary actions by CCWD which are expected to continue in FY 2024.
    - Curtailment actions imposed by State Water Resources Control Board (SWRCB), which typically impact CCWD's ability to divert under its water storage and diversion rights, have been suspended since December 6, 2022 and orders were rescinded effective April 3, 2023. Given the above average precipitation no curtailments are anticipated during FY2024, however, this depends on 2023-2024 winter season and SWRCB authorities.
- *CCWD continues to rely on its reservoir storage systems and contract water supplies,* for instance New Spicer Meadow Reservoir for Ebbetts Pass or Copper Cove Service Areas, or New Hogan Reservoir for Jenny Lind. The available supplies and contractual rights to these facilities remain adequate for CCWD to meet its water service demands in the current and in subsequent years.
    - CCWD's most vulnerable service areas continue to be Sheep Ranch, West Point, and Wallace, as these areas generally do not have access to large reservoir systems and are reliant on single or aging points of diversion/extraction. That said, water supplies should remain adequate for FY 2024. CCWD staff are actively working on projects to strengthen water supply reliability for these areas and will continue to monitor area conditions.
- *CCWD does not anticipate any water shortage conditions during FY 2024, and as such, does not plan to implement any water shortage stages identified in its WSCP at this time.* This is subject to change given hydrologic, regulatory, and other conditions which may impact CCWD's water supplies available to its service areas. See the WSCP for additional details.

01 Planning Overview

CCWD's water supplies, particularly its surface water supplies, are largely dictated by changes in the volume, nature, and timing of precipitation in its watersheds; primarily the Calaveras, Stanislaus, and Mokelumne Rivers. Accordingly, the high variability of year-to-year hydrologic conditions in these watersheds, along with storage levels in CCWD's key reservoirs, dictate whether CCWD has the available water supplies to meet its water service demands. CCWD's rights to divert and use surface water have historically been adequate for meeting demands, however, CCWD must also prepare for water shortage conditions and drought periods where demand restrictions are required to ensure public health and safety. Table 2 lists CCWD's water service areas and corresponding water supply sources and reservoir storage facilities. The most recent information regarding potential water shortage conditions and response actions developed by CCWD is contained in its latest 2020 WSCP Update, adopted by CCWD in June 2021. The WSCP addresses how CCWD determines a water shortage and establishes six stages of shortage response actions, designed to respond to increasingly severe conditions. The stages each contain several end user restrictions and prohibitions, both voluntary and mandatory, which CCWD plans to enact to achieve needed demand reductions. Per the WSCP, only the CCWD Board of Directors (Board) can trigger or end the shortage stages. Using the Projections Report and WSDAs, CCWD analyzes service area water supply availability and recommends staged responses based on current hydrologic conditions consistent with WSCP-defined methodologies. A copy of the WSCP water shortage stages and WSDA development methodology are included in Attachments B and C of this Projections Report, respectively.

02 Hydrologic Conditions

The prior FY 2023 Projections Report detailed how California was in the third year of a worsening drought which started with Water Year 2020. At the time of that report, around 60% of the state was either in "Extreme" or "Exceptional" drought, including most of Calaveras County, the two worst classifications of drought according to the Drought Monitor. Entering the 2022-2023 winter season (Winter), water supplies across the state were vulnerably low and many water suppliers had implemented various water shortage declarations and conservation response actions. This Winter started with heavy precipitation in October which continued through early months of 2023, including several high-category atmospheric river events. The accumulated precipitation San Joaquin Watershed '5-Station Index' on CDEC was consistently above average and is around 160% of average for date, one of the wettest years on record. Only small percentage of California remains in "Abnormally Dry" or "Moderate Drought" conditions according to U.S. Drought Monitor (Drought Monitor), and Calaveras County has no drought markers. For consistent record purposes, Tables 1 and 3 provide an overview of Drought Monitor conditions in Calaveras County and in California, and key reservoir levels, respectively.

Table 1. US Drought Monitor Conditions Overview

Week	Date	Extreme/Exceptional Drought Cond[1] (%)	
		Calaveras	Statewide
Current	6/20/2023	0%	0%
3 Months Ago	3/14/2023	0%	0%
Start of 2023	1/1/2023	78%	36%
Start of WY 2023	10/1/2022	96%	41%
Start of FY 2023	7/1/2022	90%	60%

[1] Combined percentage of D3 (Extreme) and D4 (Exceptional) drought conditions according to U.S. Drought Monitor.

Table 2. CCWD Water Service Areas Overview

Service Area Name	Key Water Supply Source(s)	Basis for Supply	Reservoir Storage Facilities
Copper Cove	Highland Creek, North Fork Stanislaus River (via Stanislaus River)	CCWD Diversion & Storage Rights	New Spicer Meadow Reservoir[1], McKays Point Reservoir[1]
Ebbetts Pass	Highland Creek, North Fork Stanislaus River	CCWD Diversion & Storage Rights	
Jenny Lind	Calaveras River	Water Supply Contract with Bureau of Reclamation	New Hogan Reservoir
Sheep Ranch	Big Trees Creek (via San Antonio Creek)	CCWD Diversion & Storage Rights	White Pines Lake
Wallace	Eastern San Joaquin GW Subbasin	Groundwater Pumping	N/A
West Point	Bear Creek (Middle Fork Mokelumne River)	CCWD Diversion & Storage Rights, Supplemental Water Supply Contract[2]	Bummerville Regulating Reservoir, Schaad's Reservoir[2]

[1] Facilities also used to support North Fork Stanislaus Hydroelectric Project generation (e.g., Collierville Powerhouse).
[2] Supplemental water supply contract to purchase Middle Fork Mokelumne River water from Calaveras Public Utility District (CPUD) from their Schaad's Reservoir facility.

Table 3. California Reservoir Levels Overview (as of 6/20/2023)

Reservoir	Current Water Storage (AF)	% of Capacity	% of Avg. for Date
Folsom Lake	924,406	95%	118%
Lake Oroville	3,533,936	99%	127%
Lake Shasta	4,376,239	97%	118%
New Hogan Reservoir	233,023[1]	74%	138%
New Melones Reservoir	1,994,488	83%	128%
New Spicer Meadow Reservoir	187,798[1]	99%	118%
San Luis Reservoir	2,023,263	98%	152%
White Pines Lake	156[1]	99%	107%

[1] Not all water held in storage is available for CCWD's consumptive use, pursuant to various water rights conditions, contracts, etc.

An overview of accumulated precipitation since the beginning of the water year, for the entire San Joaquin River Watershed available from CDEC, is shown in Figure 1. These CDEC data provide the most up-to-date information of watershed, precipitation, and reservoir conditions in California. Additionally, CCWD encourages Calaveras County residents and public to visit drought.ca.gov for water shortage assistance and information on state and local drought related measures. CCWD no longer provides public water conditions data or information packets.

Projected Hydrologic Conditions

Assuming no precipitation events occur during summer and early autumn of 2023, consistent with regular wet and dry season cycles, then Water Year 2023 would likely still end as "wet" per the CDEC San Joaquin Valley Hydrologic Classification Indices. Figure 2 shows the percentages of Water Year occurrences following these indices. Note there is no reason to expect future conditions to follow these trends, but these data provide some insights into what has happened historically with watershed conditions.

Similar analyses were performed in the prior FY Projections Report. The San Joaquin River Watershed water year for that report period was "critically low" in terms of hydrologic index and outflow conditions. For the watersheds more local to Calaveras conditions were slightly better under a "dry" classification – see CDEC information on classification types - based on accumulated precipitation versus historic data[1]. The prior analyses suggested that wetter year types typically followed dry classifications in around 65% (two-thirds) of water years. That trend held when following two or three sequential years of the drier year types. Interesting enough, a "wet" Water Year 2023 followed the prior dry year which helped bring the drought to an end.

Historical data suggests the odds of a wetter or drier water year following a "wet" year classification is around 50-50. Broken down further for year types following three sequential year matching water year 2021 through 2023 indices suggest around 60% of the time a drier year type follows. These data are not meant to suggest that a dry year will following in the next water year, or that drought conditions will recommence, but rather they illustrate that CCWD and water users in the San Joaquin Watershed should be prepared for the next inevitable dry year. That said, it is generally understood that factors such as climate change, water supply exports, and regulatory changes continue to shift effective hydrologic conditions towards drier year types. As such and given the greater instance of drier year types following the patterns seen from 2021 through 2023, CCWD continues to plan for dry conditions following Water Year 2023.

[1] CCWD was formerly tracking these data via its Calaveras County Public Water Resources Data Packet which obtained and generated precipitation, reservoir, and streamflow data local to Calaveras County.

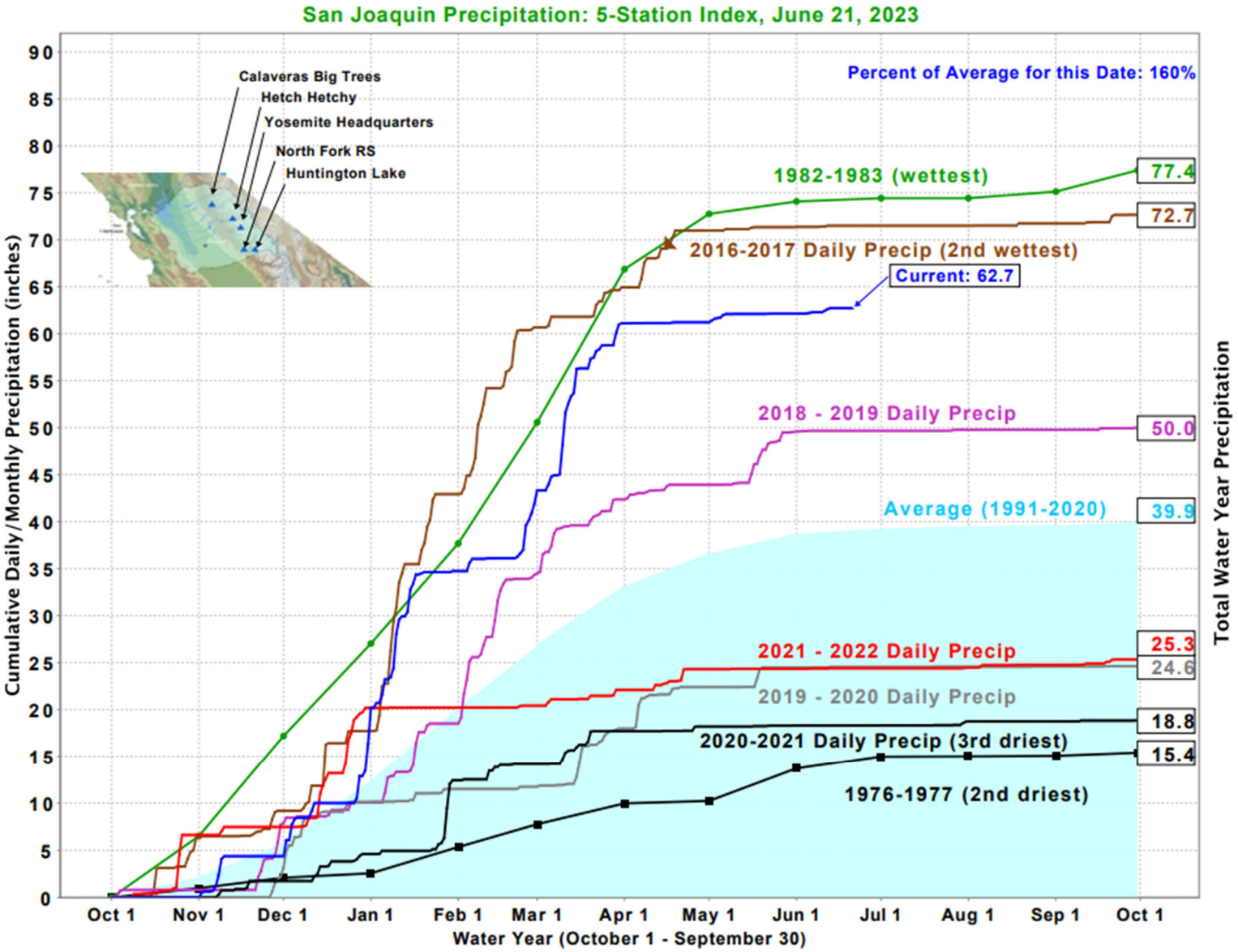


Figure 1. San Joaquin 5-Station Index Accumulated Precipitation Plot
As of June 21, 2023 (available from CDEC)

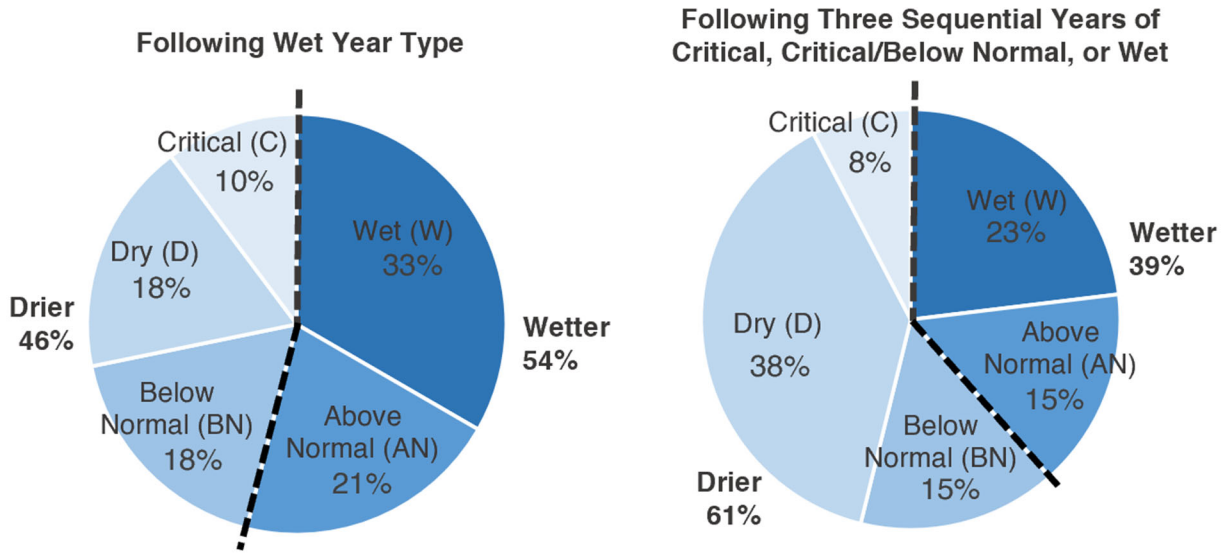


Figure 2. Historical San Joaquin Valley Hydrologic Classification Indices

Regulatory Actions

The following bullets outline some of the major regulatory changes and events of the last year which have impacted CCWD, County, and state-wide drought planning efforts:

- CCWD continues to operate under its latest WSCP adopted on June 23, 2021, per California Water Code (CWC) and DWR requirements. This adoption codified six "stages" of water shortage response, from least to most severe, based on water supply conditions in CCWD's service areas and provides corresponding "Shortage Response Actions" (Actions). An overview of these WSCP-defined stages is provided in Attachment B.
- On March 24, 2023, Governor Gavin Newsom (Governor) issued Executive Order N-5-23 relieving drought emergency provisions executed throughout 2021, while retaining some statewide voluntary and other water use efficiency measures. As a result, and given no issues with CCWD's water supplies, CCWD exited "Stages 1 and 2" of its Water Shortage Contingency Plan (WSCP) via Board Resolution 2023-18, provided in Attachment A. The WSCP contains some "ongoing conservation measures" and voluntary actions by CCWD which are expected to continue in FY 2024.
- As of April 23, 2023, all SWRCB orders imposing water rights curtailments and associated reporting requirements pursuant to their Emergency Resolution No. 2021-0028 were rescinded. As a result, water rights holders are no longer subject to curtailment requirements under the drought emergency regulations for the Sacramento-San Joaquin Delta Watershed. Given the above average precipitation no curtailments are anticipated during FY2024, however, this depends on 2023-2024 winter season and any renewed SWRCB authorities.

03 Water Supply Conditions

Attachment D provides the analysis of how prior FY 2023 projections compared with actual water production figures for each service area. This information is useful to future projections and allows CCWD to make appropriate adjustments to retain its conservative estimates or to determine how uses differed from the projections. As expected, most projections overestimated demand, especially during summer months, likely illustrating how CCWD's customers decreased their landscape irrigation or other water demands in response to drought and CCWD outreach.

Attachment E provides the analysis of water supply and demand conditions by service area, to assess adequacy for the upcoming FY 2024. The WSDA development methodology (Attachment C) defines how these analyses are performed and the underlying data used to project available supplies and assumed demands. The following assumptions were made in performing these analyses:

- Each service area continues to be reliant on a sole raw water inflow (from one or more intake sources), to the area's water treatment plant (WTP), used to supply that service area's customer demands and wholesale customers, if applicable.
- Service area supplies are well defined (albeit complex) under existing CCWD diversion and storage water rights and/or contractual agreements. Considering the rescission of SWRCB curtailment authorities as of April 23, 2023, no curtailments to CCWD water rights were assumed during FY 2024. Direct diversions during the year are based on data of flows made available for diversion during wet year types for 2023 and average for future months in the applicable watersheds.
- All CCWD customer end-use is metered (volumetric use) and read by qualified CCWD staff in accordance with District policy. For the purposes of this analysis, long-term average from 2008, as well as two- and four-year trending data ("2/4 year trends") were utilized to project FY 2024 monthly demands by service area.
- All water supplied, authorized consumption, and other data remain consistent with the WSDA development methodology but are presented in a manner consistent with the individual water supply sources/rights available to the CCWD service areas. Distribution systems loss factors, based on prior CCWD Urban Water Loss Audits, and other info were compiled in the "Projected Supplied" data, as noted.
- Although CCWD exited its WSCP Stage 1 and 2 Actions on April 12, 2023, the District is continuing to encourage voluntary conservation measures and water use efficient practices. No corresponding decreases in demand were factored into these projections, but they were adjusted based on prior FY 2023 projection insights, as noted above. As such, they provide a relatively conservative outlook of water supplies and demands.

Table 4 shows the "Supply Buffer" for each CCWD service area, based on estimated available water rights, contractual supplies, and/or water available from storage.

Table 4. CCWD Service Areas' Water Supply Buffer

Service Area	Min. Water Supply Buffer (AF)	FY 2024 Demand Mult[1]	No. FY Months Below 5% Buffer
Copper Cove	4,588.4	3.25	0
Ebbetts Pass	6,595.7	4.69	0
Jenny Lind	267.8[2]	2.91	0
Sheep Ranch	106.8	8.34	0
Wallace	8.6	N/A[3]	0
West Point	51.0	0.98	0

[1] Minimum supply buffer multiplier versus total projected supply.
[2] Based on FY 2024 scheduled use of New Hogan Reservoir. Actual CCWD portion is 7,700 AF/year firm based on contract allocation.
[3] Not applicable for groundwater well pumping for Wallace.
[4] Supply buffer added to 200 AF/yr made available under CPUD agreement; assumes no other water supply made available to West Point.

The key conclusions of this analyses are:

1. CCWD's service areas have adequate availability of direct diversion and stored water supplies to meet water demands, especially considering recent wet conditions which have several reservoirs currently at or near full condition and plentiful streamflow. Given these conditions, it is anticipated that CCWD's water supplies will continue in good standing for the short-term even if 2023-2024 winter conditions trend toward drier year types. The primary water supply risks to these areas mostly arise from facilities outages or failures that limit operational ability to obtain supplies and intake to WTPs when needed.
    - CCWD is actively coordinating with reservoir operators and reviewing its water rights to maximize storage during these wet conditions to bank stored water for future dry conditions and drought periods.
2. Although adequate supplies are available for Sheep Ranch, Wallace, and West Point, available data and notes suggest there have been historic issues due to a reliance on infrastructure at single or aging points of diversion/extraction. Additionally, these areas do not have access to large water rights or contract based stored water supplies that the other areas benefit from (e.g., New Spicer Meadow Reservoir for Copper Cove and Ebbetts Pass, New Hogan Reservoir for Jenny Lind). More analyses are needed to study the water supply vulnerabilities and opportunities for these service areas.
3. Groundwater remains available for Wallace area pumping. Consumption volumes and local monitoring wells are regularly tracked per the requirements of the Sustainable Groundwater Management Act (SGMA) in the Eastern San Joaquin Groundwater Subbasin (Subbasin). CCWD will continue to engage in and monitor SGMA regulations where it may impact Wallace water supply availability.

04 Shortage Overview

No water shortage conditions were calculated for any of CCWD's service areas based on analysis of projected water supplies and demands for FY 2024. As such, no mandatory WSCP shortage actions are being recommended by this Projections Report or from the WSDAs. Although CCWD exited its WSCP Stage 1 and 2 Actions on April 12, 2023, their remains value in promoting efficient water use practices by CCWD's customers and working alongside in-County water suppliers in the "Calaveras Conserves" program. Any "savings" of water consumed by CCWD's service areas, especially if drawn from reservoir storage, should be viewed as making

that water available for future inevitable dry conditions and drought periods – which could be likely soon if trends follow historic San Joaquin Watershed conditions data.

CCWD continues to prohibit “water waste” at all times, regardless of local water supply conditions, and manages for the Actions contemplated in its WSCP. CCWD staff will continue to monitor statewide, County, and local service area conditions as we continue into future water years and may update these projections as needed. Comparison of these projections will also be provided in subsequent FY Projections Report(s).

Attachments:

A CCWD Board WSCP “Stages 1 and 2” Rescind Resolution on April 12, 2023
B Overview of CCWD WSCP Water Shortage Stages
C CCWD WSDA Development Methodology
D CCWD FY2023 Water Supply & Demand Assessment Review
E CCWD FY2024 Water Supply & Demand Assessments

Attachment A
CCWD Board WSCP
WSCP “Stage 1 and 2” Exit on April 12, 2023

RESOLUTION NO. 2023-18

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

RESCIND WATER SHORTAGE STAGE 2 AND 1 DECLARATIONS TO ADDRESS WATER SUPPLY CONDITIONS PER DISTRICT WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, the Calaveras County Water District (CCWD) adopted its latest 2020 Water Shortage Contingency Plan (WSCP) on June 23, 2021, per California Water Code (CWC) and California Department of Water Resources (DWR) requirements; and

WHEREAS, the WSCP defines six "Stages" of water shortage response, from least to most severe, based on water supply conditions in CCWD's service areas and provides corresponding "Shortage Response Actions" (Actions); and

WHEREAS, on July 8, 2021, Governor Gavin Newsom (Governor) expanded a drought emergency declaration to include most California counties, including Calaveras County (County). As a result, CCWD enacted Stage 1 of its WSCP on July 14, 2021, which included mostly voluntary Actions aimed at encouraging County residents to increase their water conservation practices; and

WHEREAS, given worsening drought conditions throughout the remainder of 2021 and early 2022, the Governor Executive Order (EO) N-7-22 continuing the drought emergency declaration and defining certain new requirements for water suppliers; and

WHEREAS, the State Water Resources Control Board (SWRCB) adopted emergency regulations into CWC following EO N-7-22 requiring certain mandatory conservation measures, and as result, CCWD enacted Stage 2 of its WSCP on June 8, 2022; and

WHEREAS, statewide hydrologic conditions have dramatically improved as a result of heavy 2022-2023 wet season precipitation, leading to the Governor issuing EO N-3-23 and later EO N-5-23, which combined rescind certain drought emergency actions and alleviate conservation requirements; and

WHEREAS, CCWD's water supplies and rights available to its service areas remain in good condition and should be adequate to meet projected demands. As such, there are neither regulatory controls nor water supply conditions which require CCWD to continue enacting its WSCP Stages at this time.

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors (Board) of CALAVERAS COUNTY WATER DISTRICT that the WSCP Stage 2 "Alert Conditions" enacted per Resolution 2022-59 and WSCP Stage 1 "Advisory Conditions" enacted per Resolution 2021-54 for CCWD are hereby rescinded.

BE IT FURTHER RESOLVED by the Board that CCWD continue its service area and County outreach efforts aimed at encouraging the public to use water wisely, and work with other in-County water suppliers to increase water use efficiency, where practicable, following the "Non-Staged/Ongoing" measures defined in CCWD's WSCP.

PASSED AND ADOPTED this 12th day of April 2023 by the following vote:

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

CALAVERAS COUNTY WATER DISTRICT

Scott Ratterman, President
Board of Directors

ATTEST:

Rebecca Hitchcock
Clerk to the Board

Attachment B
Overview of CCWD WSCP
Water Shortage Stages

Calaveras County Water District
Water Shortage Stages and Response Actions (Overview)

Per the Calaveras County Water District (CCWD) Water Shortage Contingency Plan[1] (WSCP), CCWD established six numbered Shortage Stages of response based on water supply conditions within CCWD's service areas. The Shortage Stages are designed to respond to increasingly severe supply shortages, with higher numbered indicating more extensive restrictions on water uses, consistent with CWC §10608. The Shortage Stages and corresponding Response Actions which regulate and restrict the delivery and use of water from CCWD are outlined in the following sub-sections.

WSCP Stage	Corresponding Demand Reduction (%)	Stage Name
0	*Always Active*	*Non-Staged/Ongoing*
1	Up to 10%	Advisory Condition
2	Up to 20%	Alert Condition
3	Up to 30%	Moderate Condition
4	Up to 40%	Significant Condition
5	Up to 50%	Critical Condition
6	More than 50%	Emergency Condition

01 Non-Staged/Ongoing

Certain demand reduction actions and water conservation practices shall be continually promoted by CCWD regardless of enacted Shortage Stage. These ongoing efforts shall be voluntary in nature and may include, but are not limited to, the following actions:

(1) Discouraging landscape irrigation within 48 hours after measurable rainfall.

(2) Encouraging customers to inspect their irrigation systems, and to repair leaks or adjust spray heads to provide optimum coverage and to eliminate avoidable overspray.

(3) Encourage customers purchase covers for any new outdoor pools and spas.

(4) Encourage customers to implement recirculating pumps for their pools, spas, and other recreational or decorative outdoor water features, and that these features be maintained leak free.

(5) Encourage customers install automatic shut-off hoses.

(6) New water connections prohibited from having single-pass cooling systems.

(7) Encourage conveyor car wash and commercial laundry businesses to install recirculating washing systems.

(8) Prohibit any use of potable water that results in excessive runoff from a customers' property (for example gutter flooding).

[1] CCWD 2020 WSCP Update adopted June 23, 2021 by CCWD BOD per RES 2021-49.

(9) CCWD may also implement the following actions:

a. Extend public information campaigns related to water conservation and water use efficiency topics.

b. Provide customers with a wide variety of free water conservation supplies.

c. Provide rebates on plumbing fixtures and devices, offer other incentives and water conservation tools and insights.

02 Shortage Stage 1 (Advisory Condition)

A water shortage determined by CCWD to correspond with a 10 percent supply reduction may trigger Shortage Stage 1. Under Shortage Stage 1, no demand reductions, curtailments, or other restrictions will be required by CCWD, and all Response Actions shall be voluntary in nature. Shortage Stage 1 restrictions may include, but are not limited to, the following Response Actions implemented by CCWD:

(1) Landscape watering should be avoided during hottest portion of the day.

(2) Customers should take responsive action to establish appropriate run-times for landscape irrigation to eliminate water runoff extending beyond their properties.

(3) Use of water for cleaning driveways, walkways, parking lots, and streets is discouraged, except to alleviate immediate safety or sanitation hazards.

(4) CCWD will initiate coordination with other water suppliers in-County and provide info from coordinated water use efficiency programs.

(5) CCWD may expand its public information campaign to encourage customer water use conservation through public outreach, such as in local media, social media websites, billing statements, direct mailings, etc.

03 Shortage Stage 2 (Alert Condition)

A water shortage determined by CCWD to correspond with supply reduction between 10 and 20 percent may trigger Shortage Stage 2. Under Shortage Stage 2, certain demand reductions, curtailments, or other restrictions may be required by CCWD. All preceding Shortage Stage 1 Response Actions would remain in effect. Shortage Stage 2 restrictions may include, but are not limited to, the additional following Response Actions implemented by CCWD:

(1) Customers must repair controllable water leaks, correct overspray, and cease excessive landscape watering.

(2) Customers must take actions to establish appropriate run-times for landscape irrigation to eliminate water runoff extending beyond their properties

(3) Landscape irrigation is prohibited between the hours of 10:00 am and 6:00 pm.

(4) Use of water for cleaning driveways, walkways, parking lots, and streets is prohibited, except to alleviate immediate safety or sanitation hazards.

(5) All leaks, breaks, or other malfunctions shall be repaired within 72 hours of being notified by the CCWD.

(6) Use of potable water for construction or dust control is prohibited.

(7) Lodging establishments must provide patrons the option of not having towels and linens laundered daily by displaying notices prominently in each guestroom.

(8) Dining establishments may only serve water upon request.

04 Shortage Stage 3 (Moderate Condition)

A water shortage determined by CCWD to correspond with supply reduction between 20 and 30 percent may trigger Shortage Stage 3. Under Shortage Stage 3, certain additional demand reductions, curtailments, or other restrictions may be required by CCWD. All preceding Shortage Stage 1 and 2 Response Actions would remain in effect. Shortage Stage 3 restrictions may include, but are not limited to, the additional following Response Actions implemented by CCWD:

(1) Landscape irrigation limited to three days per week.

(2) Golf course irrigation restricted to greens and trees if raw water is sole source.

(3) Local fire departments will be asked to limit training exercises that use potable water and to cease fire hydrant testing.

(4) Filling of new or existing pools using CCWD water supplies is prohibited.

(5) Operation of water displays or features such as decorative water fountains and recreational ponds using CCWD water supplies is prohibited.

(6) CCWD will discontinue non-essential flushing of supply mains and fire hydrants.

(7) CCWD may implement or modify a drought rate structure or surcharge.

05 Shortage Stage 4 (Significant Condition)

A water shortage determined by CCWD to correspond with supply reduction between 30 and 40 percent may trigger Shortage Stage 4. Under Shortage Stage 4, certain additional demand reductions, curtailments, or other restrictions may be required by CCWD. All preceding Shortage Stage 1, 2, and 3 Response Actions would remain in effect. Shortage Stage 4 restrictions may include, but are not limited to, the additional following Response Actions implemented by CCWD:

(1) Landscape irrigation restrictions to be implemented as follows:

a. Premises having odd-numbered street addresses may irrigate only on Wednesdays and Sundays.
b. Premises having even-numbered street addresses may irrigate only on Tuesdays and Saturdays.
c. No landscape watering will be allowed by any addresses on Mondays, Thursdays, and Fridays.

06 Shortage Stage 5 (Critical Condition)

A water shortage determined by CCWD to correspond with supply reduction between 40 and 50 percent may trigger Shortage Stage 5. Under Shortage Stage 5, certain additional demand reductions, curtailments, or other restrictions may be required by CCWD. All

preceding Shortage Stage 1, 2, 3, and 4 Response Actions would remain in effect. Shortage Stage 5 restrictions may include, but are not limited to, the additional following Response Actions implemented by CCWD:

(1) Landscape irrigation restrictions to be implemented as follows:

a. Premises having odd-numbered street addresses may irrigate only on Sundays.

b. Premises having even-numbered street addresses may irrigate only on Saturdays.

c. No landscape watering will be allowed by any addresses on Mondays through Fridays.

(2) New water service applications will be granted only on the condition that water shall be used exclusively for interior purposes and landscape watering shall be delayed until CCWD determines that Shortage Stage 5 is no longer in effect.

(3) CCWD will discontinue flushing of supply mains and fire hydrants.

07 Shortage Stage 6 (Emergency Condition)

A water shortage determined by CCWD to correspond with supply reduction greater than 50 percent will trigger Shortage Stage 6. This represents a catastrophic water supply interruption to CCWD. Under Shortage Stage 6, certain additional demand reductions, curtailments, or other restrictions may be required by CCWD. All preceding Shortage Stage 1, 2, 3, 4, and 5 Response Actions would remain in effect. Shortage Stage 6 restrictions will include, but are not limited to, the additional following Response Actions implemented by CCWD:

(1) Outdoor watering by hose or irrigation system will be prohibited.

(2) Golf courses will be limited to the use of treated effluent or well water sources for irrigation.

(3) CCWD will coordinate with appropriate County and State Offices of Emergency Services to determine additional Response Actions needed to ensure continued water service.

(4) Landscape irrigation restrictions to be implemented as follows:

a. Premises having odd-numbered street addresses may irrigate only on Sundays.

b. Premises having even-numbered street addresses may irrigate only on Saturdays.

c. No landscape watering will be allowed by any addresses on Mondays through Fridays.

(5) New water service applications will be granted only on the condition that water shall be used exclusively for interior purposes and landscape watering shall be delayed until CCWD determines that Shortage Stage 5 is no longer in effect.

(6) CCWD will discontinue flushing of supply mains and fire hydrants.

Attachment C
CCWD WSDA Development Methodology

WATER SUPPLY AND DEMAND ASSESSMENT (WSDA) PROCEDURES

Guidance of Annual WSDA Submissions for Compliance with Water Code §10632

Released June 2021

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

1 Introduction

Calaveras County Water District (CCWD, District) frequently performs assessments, evaluations, and reporting of its available water resources, aimed at ensuring adequate supplies are reliably available for its service areas' demands across Calaveras County (County). The District's Urban Water Management Plan (UWMP) provides information related to these concepts, reviewing different planning and forecast scenarios which may impact CCWD's key water sources. The Urban Water Management Planning Act (Act) requires the UWMP be updated every five-years, in order to ensure consistency with the California Water Code (Water Code) and state legislative priorities. For the latest 2020 update cycle, a component of the UWMP includes the Water Shortage Contingency Plan (WSCP), a separately adopted "sub-plan" which outlines specific actions for how CCWD will prepare for and respond to water shortage conditions. Adoption of the WSCP by the CCWD Board of Directors (Board) grants the District the authority to implement specific shortage actions, as outlined in the WSCP (e.g., more aggressive water conservation measures, water use restrictions), when specific "water shortage stages" (Shortage Stages) are activated. While the WSCP defines the methodology for determining appropriate preparatory and responsive actions by the District for the Shortage Stages, a critical component of those efforts remains the ongoing monitoring and assessment of water supply conditions to accurately identify and activate those stages.

To address these considerations, the amended Act, as defined under Water Code §10632.1, establishes a Water Supply and Demand Assessment (WSDA) component of the WSCP. The WSDA is intended to provide a standardized methodology by which to assess annual water supplies and demands, and a formulaic approach to ensure consistent data inputs are utilized. Following the 2020 UWMP Update (hereinafter referred to as the "UWMP", unless otherwise specified) , urban water suppliers, including CCWD, will be required to submit annual WSDA data to the California Department of Water Resources (DWR), by June 1 of each year starting in 2022. This appendix to the WSCP defines CCWD's WSDA methodology and approach to fulfill the annual submission requirement; and may be amended outside of the UWMP and/or WSCP process in order to reflect new CCWD data collection procedures, infrastructure, or changing Water Code requirements, as defined under **Section 7. Figure 1** illustrates the general approach and connection to the UWMP and WSCP contents.

1.1 WSDA Objectives

The WSDA is intended to achieve the following objectives:

1. Improve water supply reliability in the urban sector;
2. Assist in drought water supply planning for urban water suppliers, and
3. Support coordination and consistency between urban stakeholders via WSDA guidance supported by DWR.

Water supply reliability and drought preparedness are directly supported by consistent monitoring of County-wide conditions. The methodology defined in this document also provides other urban stakeholders and DWR the information to directly compare their planning and monitoring processes with CCWD, thereby facilitating a broader understanding of regional and

state-wide conditions. Specific Shortage Actions planned by CCWD shall remain defined by the latest District-adopted WSCP.

These objectives are consistent with the Water Code and DWR's "Urban Water Management Plan Guidebook 2020" (Guidebook), used to assist urban water suppliers with the preparation of compliant UWMP and WSCP materials, as shown in **Table 1** below:

Table 1. WSDA Content Requirements

Water Code Section	Guidebook Location	Summary
10632(a)(2)(A)	Section 8.2	Provide the written decision-making process and other methods that the supplier will use each year to determine its water supply reliability.
10632(a)(2)(B)	Section 8.2	Provide data and methodology to evaluate the supplier's water reliability for the current year and one dry year pursuant to factors in the Water Code.

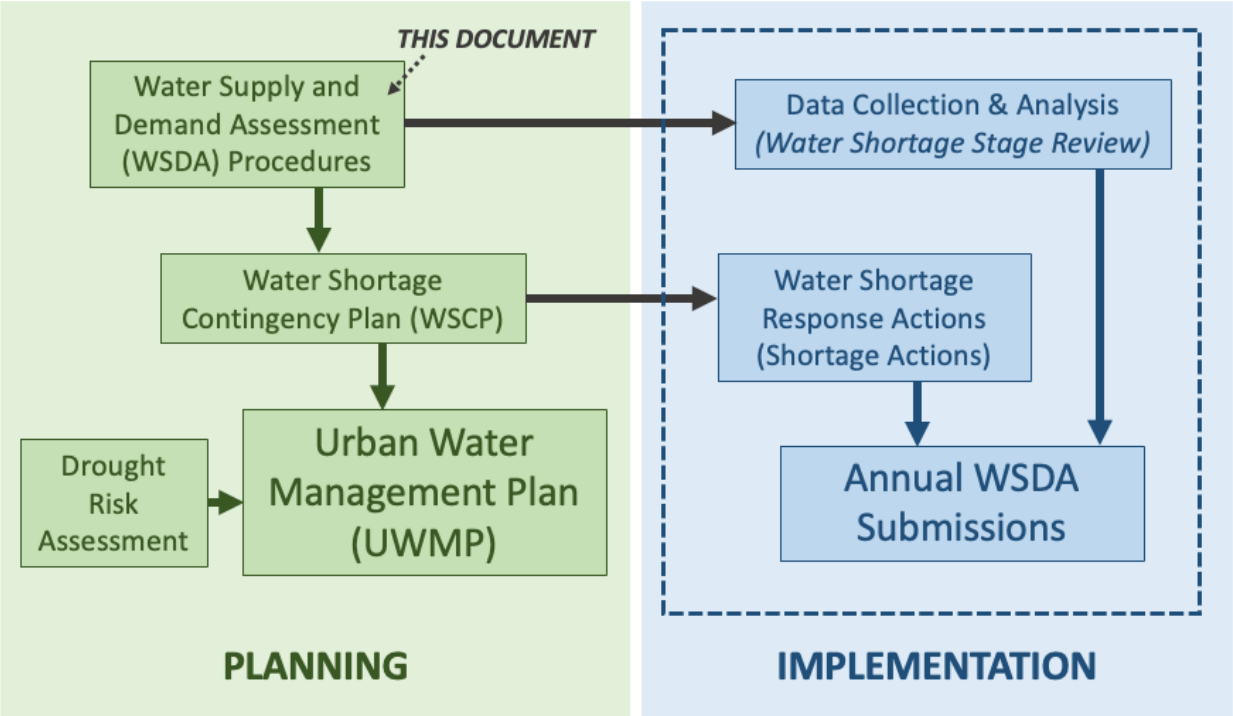


Figure 1. UWMP, WSPC, and WSDAs Components of UWMP Process

1.2 Water Supply Reliability

For the purposes of the District WSDAs, water supply reliability is defined as follows:

> *The measure of consistency by which available water supply resources will be greater than or equal to the demands for those water supplies over defined time periods.*

The measure of consistency of fulfilling system demands, over a selected time period, can be defined in terms of the fraction of CCWD's demands satisfied by the available supplies. In this WSDA, units are expressed as volumetric supply and demand figures over a year, in terms of acre-feet per year (AFY). Unless otherwise specified, all data reported in the WSDAs are on a District 'Fiscal Year' (FY) basis, following the District's FY calendar which starts July 1 and ends on the following June 30. Factors which adversely impact the consistency of a water supply system's capability of fulfilling its demands includes decreases in the amount of available water supply resources, described in **Chapter 7** of the UWMP, and/or failures of that system's physical components. In this case water shortage conditions generally correspond with FYs where available supplies and stored water are inadequate to fulfill demands or are below a defined percentage of demands below what certain Shortage Actions may reasonably achieve, thereby requiring more-advanced Shortage Actions. As such, the constant monitoring and assessment of both District water supplies and demands over multiple FYs is critical towards assessing water supply reliability and defining potential water shortage conditions.

2 Decision-Making Process

This section describes the functional steps to formally approve the annual WSDA analysis and determination of water supply reliability. WSDAs will likely be developed by the District's Water Resources Program Manager for review and submission (see CCWD Organizational Chart in **Figure 3-1** of the UWMP). WSDA contents will follow the format outlined in this document.

2.1 Board Review

The annual WSDAs are standalone documents which shall be reviewed by the CCWD Board of Directors (Board) and approved by the District's General Manager (GM) prior to submission to DWR. Given the July 1 deadline for submission, the District anticipates Board review will occur during a Regular Board Meeting in the preceding month of May. WSDA meeting contents and notices will be provided to the public in compliance with the Brown Act contained in §54950 et seq. of the California Government Code. The Board need not formally adopt a WSDA but shall provide direction regarding GM approval of a WSDA.

Notice(s) of water shortage conditions may be recommended to the Board based on review of WSDA contents. Approval of a WSDA with such recommendations does not automatically trigger any WSDA-recommended Shortage Actions. The Board holds the authority to implement any Shortage Actions for CCWD's service areas, as outlined in the WSCP, and must adopt those actions separate of WSDA review and approval procedures.

2.2 WSDA Submission

Following GM approval, the WSDA will be submitted to DWR by July 1 or as specified in an amended Water Code. As of this time there are no submission instructions or standardized submission forms/tables. An example WSDA submission form which includes the concepts outlined in this document is provided in **Appendix A**. CCWD plans to adhere with all WSDA

submission guidelines and may amend its WSDA contents over time to adhere with changing or clarified guidelines, as required. Such changes will be noted in the following WSDA submission.

3 System and Supplies Overview

Chapter 3 of the UWMP details the District's currently six hydrologically disconnected water service areas, including:

1) *Jenny Lind System* (Jenny Lind): obtains water supplies from the Calaveras River Watershed via New Hogan Reservoir (New Hogan) via contractual agreement with the U.S. Bureau of Reclamation (Reclamation) and Stockton East Water District (SEWD). Raw water supply intake for this system occurs only at the Jenny Lind Water Treatment Plant, used in parts of Valley Springs and surrounding communities for municipal purposes. The local La Contenta Golf Course (La Contena) also diverts some raw water from New Hogan for its landscape irrigation, under contract with CCWD, but mostly relies on recycled water supplies made available from the District's La Contenta Wastewater Treatment Plant. This service area is part of Sub-Region A (Calaveras River Watershed supplied) in UWMP analyses.

2) *Sheep Ranch Improvement District* (Sheep Ranch): obtains water supplies from diversion on San Antonio Creek, a tributary of the Calaveras River, via District water rights to the upstream Big Trees Creek flowing through CCWD's White Pines Lake (White Pines). Raw water supply intake for this system occurs at the Sheep Ranch Water Treatment Plant, for relatively small municipal uses (mostly residential customers). Some raw water is also diverted under the District's rights for the local Right of Passage youth facility. This service area is part of Sub-Region A (Calaveras River Watershed supplied) in UWMP analyses.

3) *Ebbetts Pass Service Area* (Ebbetts Pass): obtains water supplies from diversion off the Collierville Tunnel (via so-called "Tunnel Tap"), a diversion from the North Fork Stanislaus River at McKays Point Reservoir (McKays), generally used to support hydropower operations on the North Fork Stanislaus Hydroelectric Project (North Fork Project, FERC Project No. 2409). These water supplies originate from several District diversion and storage water rights, and complex water supply agreements (detailed in **Chapter 6** of the UWMP), centered around CCWD's New Spicer Meadow Reservoir (New Spicer) upstream. Tunnel Tap raw water intakes supply the Hunters Water Treatment Plant, for municipal uses in the Arnold and Dorrington/Camp Connell areas, and for two wholesale treated water agreements with homeowner's association communities in the area. This service area is part of Sub-Region B (Stanislaus River Watershed supplied) in UWMP analyses.

4) *Copper Cove/Copperopolis Service Areas* (Copper Cove/Copperopolis): the result of the consolidation of two former service areas, this area obtains water supplies from the District's North Fork Stanislaus River water rights and New Spicer storage diverted at Lake Tulloch (Tulloch) downstream of Reclamation's New Melones Reservoir (New Melones). Raw water supply intake for this system occurs only at the Copper Cove Water Treatment Plant, used in parts of Copperopolis and the surrounding Tulloch area for municipal purposes. The Saddle Creek Golf Course (Saddle Creek) also diverts some raw water from Tulloch for its landscape irrigation, under contract with CCWD, but mostly relies on

recycled water supplies made available from the District's Copper Cove Wastewater Treatment Plant. This service area is part of Sub-Region B (Stanislaus River Watershed supplied) in UWMP analyses.

5) *West Point Improvement District* (West Point): obtains water supplies from diversion on Bear Creek, a tributary of the Mokelumne River, via District water rights to use and store supplies in the Bummerville Regulating Reservoir (Bummerville Reservoir). CCWD also maintains a water purchase agreement with the Calaveras Public Utilities District (CPUD) for supplemental raw water supplies from Schaads Reservoir on the Middle Fork Mokelumne River via pumping plant intake. Raw water supplies from either Bear Creek or CPUD, which may both be routed through the Bummerville Reservoir, enter the system at the West Point Water Treatment Plant for local municipal uses. This service area is part of Sub-Region C (Mokelumne River Watershed supplied) in UWMP analyses.

6) *Wallace Service Area* (Wallace): the only District service area reliant on groundwater supplies – the sole source of water for Wallace. This area overlies the 'critically over-drafted' Eastern San Joaquin Groundwater Subbasin (Subbasin) leading to several groundwater management changes and new regulations under the Sustainable Groundwater Management Act (SGMA). Groundwater supply intake for this system occurs only at the Wallace Water Treatment Plant, used relatively small municipal uses (mostly residential customers) in this northwestern part of the County. This service area is part of Sub-Region D (groundwater supplied via Subbasin) in UWMP analyses.

There are several common features among these service areas:

- Each service area has a sole raw water inflow (from one or more intake sources) to the area's water treatment plant (WTP), used to supply that area's customer demands and wholesale customers, if applicable.
- Service area supplies are well defined (albeit complex) under existing CCWD permitted water rights, maintained diversion and use claims, and/or contractual agreements. For Wallace, groundwater consumption volumes and local monitoring wells are regularly tracked per the requirements of SGMA for the Subbasin.
- No service area has return flows to original raw water sources owing to a combination of private septic tank systems and District wastewater treatment facilities with effluent applied to spray and leach fields per Waste Discharge Requirements.
- All CCWD customer end-use is metered (volumetric use) and manually read by qualified CCWD staff roughly every 60 days in accordance with the District's bimonthly billing schedule (see **Section 9.1.2** of the UWMP). Additionally, the District requires that all new connections be metered. Note that the District is also in the process of implementing an advanced, fixed network, Advanced Metering Infrastructure (AMI) system to replace all existing customer meters, which will allow the District to monitor real-time water usage; anticipated for completion by end of 2022.

These features mean that each service area is in effect a "closed system" consisting of a single WTP *input* and aggregated customer usage *output*. **Figure 2** illustrates this concept using the following defined terms, consistent with American Water Works Association (AWWA) terminology.

- *Water Supplied*: Total water made available for customer demands from the WTP (outflow), resulting from raw water intake minus process flows exiting the WTP during treatment (e.g., backwash and flushing procedures). Available raw water supplies will dictate the amount of treated water made available to customers by the WTP.
- *Authorized Consumption:* Total customer metered and known un-metered consumption in the District's service areas. This includes estimates of any operational flows, such as mid-system flushing, and un-metered municipal uses (e.g., firefighting and training, street cleaning, water use in municipal gardens and fountains).
- *Unauthorized Consumption:* Consumption in the District's service areas attributed to water illegally withdrawn from fire hydrants, illegal connections, bypass to customer consumption meters, and/or tampering with metering or meter reading equipment. Generally assumed as a fixed percentage of Water Supplied.
- *Calculated Loss*: Difference between Water Supplied and Authorized Consumption indicating the potential infrastructure system leaks and inefficiencies (i.e., amount of water lost during conveyance of treated water to customers).
- *Distribution Capacity:* The effective maximum amount of water supplies a service area conveyance system is capable of making available for customer demands (e.g., infrastructure limitations and capital projects which could limit treated water supply).

For WSDA purposes, each service area is assessed separately since each is dependent on a different water supply source. This is consistent with similar FY analyses performed by the District to comply with state 'Water Loss Audit' annual requirements (per SB 555, see **Section 9.1.5** of UWMP). The WSDA will combine current FY tracked Water Supplied, Authorized Consumption, and Calculated Loss data, will make appropriate adjustments to account for remaining and next FY projected values, and may also provide appropriate climate and hydrologic data used to recommend appropriate Shortage Actions. The notification and extent of how Shortage Actions are applied, and the District's enforcement protocols, are defined in the WSCP.

3.1 Climate/Hydrologic Data

Section 3.3 of the UWMP provides an overview of County climate and watershed conditions, including a review of potential climate change impacts. Providing details of hydrologic conditions and climate change progression in CCWD's service areas is beyond the scope of the WSDAs. However, the District does track 'water year' (October 1 through following September 30 generally coinciding with start of California's expected precipitation season) local precipitation and reservoir storage data in its 'Calaveras County Public Water Resources Data Packet' (Data Packet), a public informational tool updated daily using data collection software to compile information from the California Data Exchange Center (CDEC). Where practicable, CCWD may

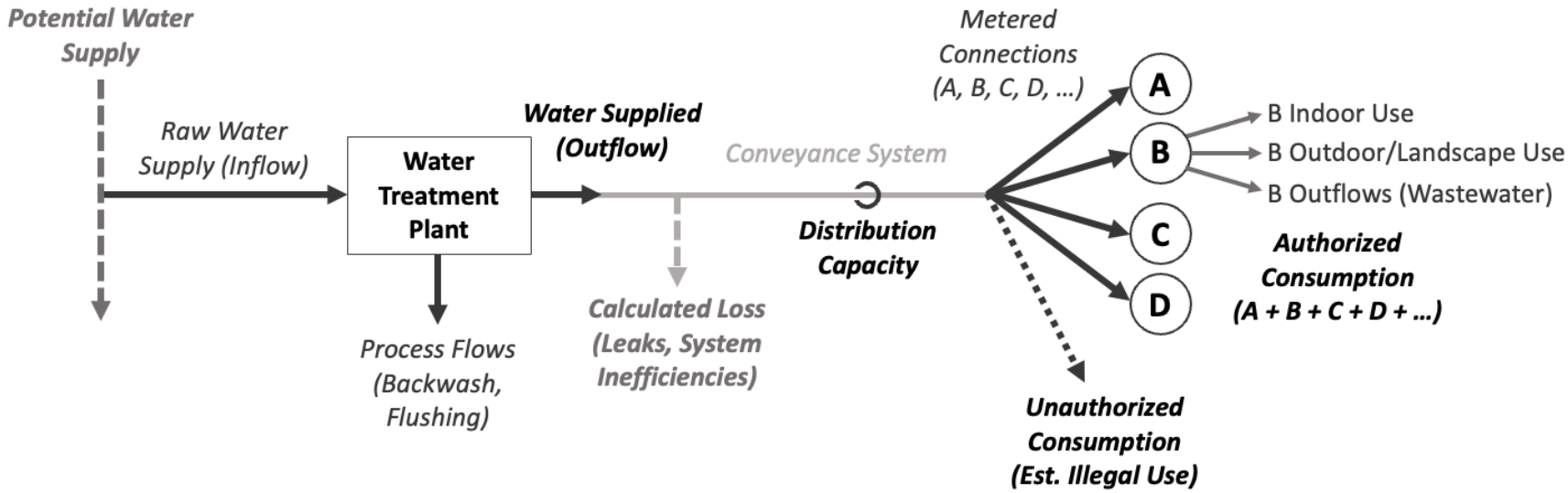


Figure 2. Water System Generalized Schematic

incorporate Data Packet and statewide CDEC information into its WSDAs to assist with the review of potential water supply conditions and recommended Shortage Actions. Other informative sources of current water resources conditions include:

- U.S. Drought Monitor, a regularly updated map of current drought conditions and historic data (available specific to California). Produced via partnership between the National Drought Mitigation Center, University of Nebraska-Lincoln, U.S. Department of Agriculture, and National Oceanic and Atmospheric Administration. The Drought Monitor is available at: https://droughtmonitor.unl.edu.
- U.S. Geologic Survey (USGS) Current Water Data for California, a regularly updated map of California streamflow data compared with historic flows, based on statistical percentile analysis. The USGS data are available at: https://waterdata.usgs.gov/ca/nwis/rt.

4 Water Supply Projection

This section describes the water supply data inputs and methodology used to develop the District's WSDAs. This corresponds with the *Water Supplied* term defined above.

4.1 Data Inputs

To calculate the Water Supplied by the WTP to a particular service area, the following data are required, as shown in Figure 3:

1. Pertinent river flow data and/or reservoir storage data for service area, if made available to CCWD, as follows:
    - New Hogan reservoir storage data for Jenny Lind (CDEC Sta. NHG, Sensor 15, Data Available: 10/1/1963 to present).
    - Big Trees Creek flow data for Sheep Ranch, obtained regularly from Western Hydrologics on behalf of monitoring organization.
    - New Spicer reservoir storage data (CDEC Sta. SPM, Sensor 15, Data Available: 5/31/1992 to present) and New Melones reservoir inflow data[1] (CDEC Sta. NML, Sensor 76, Data Available: 1/1/1994 to present) for Ebbetts Pass and Copper Cove/Copperopolis.
    - Bear Creek Diversion flow data for West Point, obtained from CCWD-owned Picovale gaging station (15-min increment data collection).
2. WTP raw water intake from appropriate source(s).
3. WTP process flows necessary for the treatment of raw water supplies, as outflows from the WTP (e.g., backwash and flushing procedures).
4. WTP produced (treated) water made available for distribution and customer demands.

[1] Sometimes used as proxy for Stanislaus River flow data through Collierville Tunnel/North Fork Project made available to downstream Copper Cove/Copperopolis.

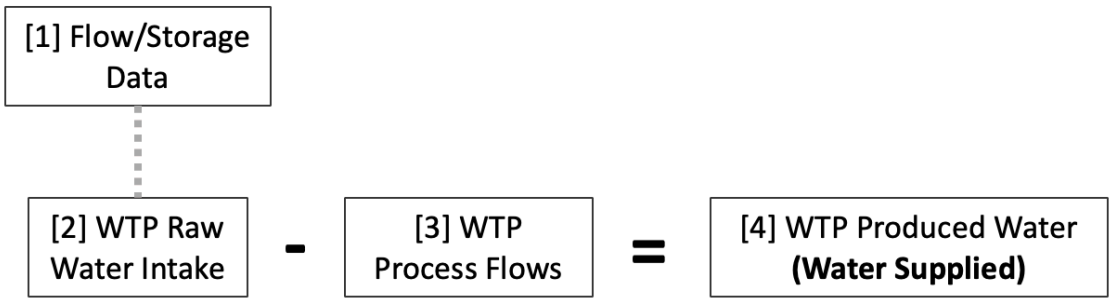


Figure 3. Water Supply Data Inputs

River flow and reservoir storage data are generally publicly available from CDEC or CCWD web resources or are accessible by request of the monitoring agency. The frequency of data collection from these sources varies by sensor and given any infrastructure issues or constraints; the District is generally interested in monthly volumetric data used to review water supply availability (e.g., New Spicer storage can be indicative of water intake from the Tunnel Tap at Ebbetts Pass). The District will continue to use these data to help guide WSDA development, but that remains subject to change with changes to data availability.

Remaining WTP intake and production data are collected daily by District operations staff per WTP Drinking Water Regulations, required by both the U.S. Environmental Protection Agency (EPA) and State Water Resources Control Board (SWRCB). These data are readily available to District staff starting from calendar year 2008 and are available prior with additional data review and manual verification. CCWD intends to match these data with corresponding water year type and the water supply projections defined in **Chapter 7** of the **UWMP**.

4.2 Methodology

To assess water supply availability, CCWD will review monthly WTP intake data from preceding FYs with applicable water resources and hydrologic conditions to select an appropriate historically representative FY. The following months' WTP intake data from that representative FY will be used in conjunction with UWMP water supply projections to ensure the representative intake values could be supported by projected supplies – in most cases, the District has plentiful water supplies well above its demands. To the extent feasible, projections will be reviewed in the context of reservoir and river flow data given District water rights and contractual arrangements as verification. These data will be aggregated by month and total FY water supply volumes.

If water supplies are adequate for representative intakes, those intake values will be utilized in the WSDA analysis. If not, they will be reduced as deemed appropriate. Average (2008 to present) monthly volumes of process flows will be subtracted from raw water intake volumes to estimate WTP produced (treated) water made available. The WSDAs will provide a tabular view of current and projected remaining and next FY Water Supplied data (by FY month and year).

5 Water Use Analysis

This section describes the unconstrained demand (water use) data inputs and methodology used to develop the District's WSDAs. This corresponds with the *Authorized and Unauthorized Consumption* terms defined above.

5.1 Data Inputs

To calculate the *Authorized Consumption* for a particular service area, the following data are required:

1. Data from individual customer consumption meters; customer-level data are aggregated into service area-level consumption data.

These data are manually read bi-monthly by District operations staff consistent with the District's monitoring and billing procedures (will be automatic real-time readings with District conversion to AMI system by end of 2022). These data are readily available to District staff, but generally require review and manual verification. CCWD intends to match these data with corresponding water year type and the water demand projections defined in **Chapter 7** of the UWMP.

5.2 Current Year

Some current FY monthly data will likely be available as CCWD is developing the WSDA (starting from preceding July). Remaining current FY monthly demands will be estimated from the greater of demand volumes calculated using the following methods:

- *Method A:* Average demand volumes of subsequent months based on historic consumption data.
- *Method B:* Demand volumes for subsequent months from a representative FY with closest preceding demand pattern (based on lowest average volume difference between actual preceding months and corresponding representative FY months), with percent factor applied to calibrate representative FY to match current FY pattern, applied to subsequent representative FY months.

These methods may be revised, or new methods may be added by the District to account for weather, growth, or other influencing factors to more accurately project FY demands, as needed. Such changes will be noted in the following WSDA submission.

5.3 Subsequent Dry Year

Section 7.3 of the UWMP provides a service area demand breakdown by hydrologic year type, exploring the changes to District demands with various sequencing of dry year conditions (i.e., single dry year versus up to five sequential dry years). Current FY data will be used to determine the appropriate selection of a subsequent dry year for WSDA purposes. For instance, if current FY is dry then subsequent dry year would actually correspond with second sequential dry year data. To incorporate appropriate service area demand trends, monthly demand volumes will be

averaged with the prior two years' corresponding month demand data for each service area, as shown in **Figure 4** below.

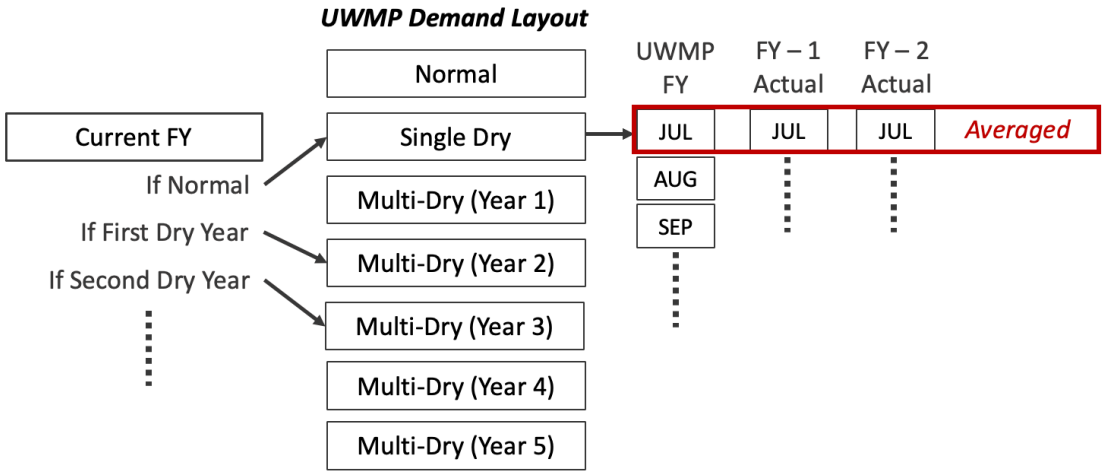


Figure 4. Subsequent Dry Year Data Analysis

This method of assessing a subsequent dry year may be revised by the District to more accurately project FY demands, as needed. Such changes will be noted in the following WSDA submission.

5.4 Methodology

The methods for assessing remaining FY and following FY service areas' *Authorized Consumption* are provided above. The WSDA will clearly state which of the current FY methods (A or B) were selected and shall define the appropriate subsequent FY conditions contemplated, providing monthly and FY total data. WSDA submissions may not contain the background data used to make selections, but CCWD shall make this data available upon request.

Unauthorized Consumption figures are generally more difficult to approximate accurately. District operations staff generally monitors system infrastructure to catch common illegal diversions as part of their manual customer meter reads (e.g., looks for illegal meter bypasses or fire hydrant uses). However, given the nature of CCWD's remote water supply sources and rural communities is it likely that there may be unauthorized water diversions and uses currently unknown by the District. **Chapter 3** of the UWMP defines some of the procedures and regulations the District relies on to prohibit and punish illegal diverters. For the purposes of the WSDA, the District assumes an AWWA standard of 0.25 percent of *Water Supplied* as a potential volume of illegal use. If information becomes available, the District may revise this percentage to more accurately account for service area *Unauthorized Consumption* as noted in the WSDAs.

Individual customer consumptive data shall remain private and will be provided only with request and approval by the customer in question or given appropriate legal orders. The WSDAs will represent aggregated consumption totals for each service area which are not representative of the water consumption of any individual customers.

6 Infrastructure Considerations

This section describes the infrastructure conditions data inputs and methodology used to develop the District's WSDAs. This corresponds with the *Calculated Loss* and *Distribution Capacity* terms defined above. Conveyance systems losses represent the most potential for adversely impacting the District's immediate ability to meet service area demands with available supplies (i.e., more difficult to meet demands during water shortage if extra water supplies are needed to deal with high conveyance losses). However, existing infrastructure capabilities and plausible constraints are also monitored in the WSDA to the extent these considerations influence CCWD's ability to deliver water supplies to customers.

6.1 Data Inputs

Calculated Loss is an estimated value based on *Water Supplied*, *Authorized Consumption*, and *Unauthorized Consumption* data, as shown in **Figure 5**. This is consistent with the approximation of system losses made in CCWD's annual Water Loss Audits. Where documented by CCWD operations staff during the current FY, conveyance infrastructure improvements, operational flows, or known non-metered consumption will be noted with the WSDA *Calculated Loss* estimate.

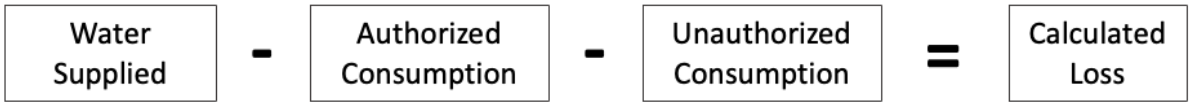


Figure 5. Calculated Loss Formulation

6.2 Methodology

Without improvements made to District water conveyance infrastructure, water system losses are anticipated to remain fairly stable or worsen slightly in the short term (current and next FY). Given monthly breakdowns of *Water Supplied* and *Authorized Consumption* during preceding FY months, the maximum of *Calculated Losses* from those months will be applied to the remaining FY months and subsequent FY. For the purposes of the WSDA, service area *Calculated Losses* will be added to projected *Authorized Consumption* data when comparing to available water supplies. The District recognizes from the Water Loss Audits that its service area system losses are generally fairly high, around 20 to 30 percent of treated water supplied for FY 2020 analysis. CCWD will re-evaluate average and trending system water losses once the conversion to AMI customer meters is completed, which should provide for more accurate estimations.

Since the District's service areas are closed systems, the WSDAs will approximate *Distribution Capacity* as the maximum volume of treated water production (*Water Supplied*) during any given month from the actual current FY data. For reference, and to review data trends, corresponding data from the prior FY and the long-term FY maximum will also be displayed. This assumes the District's WTPs are generally operated to the maximum extent possible to meet service area demands. Monthly data are provided to account for seasonal water supply and demand patterns,

and because annual aggregated trends could be more influenced by changes customer water use efficiency – though this can be reviewed from *Authorized Consumption* data trends. This approximation provides a quantitative evaluation of existing infrastructure capabilities which affect the District's ability to deliver supplies to meet demands, which will be used to verify water supply projections in the WSDAs. The WSDAs will also include a qualitative description of plausible constraints, and list of anticipated capital projects which could influence system capabilities (e.g., planned treatment plant upgrades) or new projects that may add capacity (e.g., a new groundwater well or system intertie) over the following FY.

7 Amendments and Revisions

The California Government Code and Water Code requires certain notices, public hearings, and outreach steps be made related to adoption of a District UWMP or WSCP update. Given this WSDA procedures document has been developed in parallel with the WSCP and 2020 UWMP, the initial adoption, submittal, and implementation procedures will follow along with those planning efforts. Should CCWD need to amend or revise the WSDA methods outlined in this document, to more accurately reflect future data availability or conditions, or to better adhere with DWR submission requirements, the District does not anticipate needing to re-initiate those procedures to amend this document.

Any amendments to this document, beyond simple administrative revisions or updates to the CCWD contact information below, shall be brought to the Board for review and approval. Such amendments will be provided to the public in compliance with the Brown Act contained in §54950 et seq. of the California Government Code. The amendments shall also be noted in the following WSDA submission.

7.1 CCWD Contact Information

For more information on the WSDA procedures outlined in this document, or regarding development of the annual WSDA submissions, please use the following CCWD contact information:

Name	Brad J. Arnold, PE
Title	Water Resources Program Manager
Address	Calaveras County Water District
	120 Toma Court, San Andreas, CA 95249
Phone	(209) 754-3094
E-mail	brada@ccwd.org

Appendix A

Calaveras County Water District (CCWD)
Water Supply and Demand Assessment (WSDA)

Fiscal Year (FY)		Actual Data Thru (Month)	
Service Area		PWSID	
Prepared By		Prepared Date	

Part 1: Climate and Hydrology

Print and attach the latest CCWD Public Water Resoruces Data Packet (Data Packet) to this WSDA submission, verify the following pages are included:

- Page 2, Precipitation Data: Sub-Region Indices
- Page 3, Precipitation Data: Sub-Region Historic/Potential Data
- Page 4, Reservoir Storage Data
- Page 6, Latest U.S. Drought Monitor Map for California w/Calaveras County Highlighted

Provide a general description of Calaveras County climate and hydrologic conditions below, considering from the start of current water year (preceding October 1st) to the current date. If Data Packet is unavailable, please note and provide other reference information.

Current Average Accumulated Precipitation to Date for Applicable Sub-Region *(see Data Packet Indices)* _____ % of Avg.

Precipitation Historical/Potential Data EOY 9/30 for Applicable Sub-Region *(see Data Packet Historical/Potential Data)*

- (●) Above Typical Range
- ( ) Within Typical Range (Top-Half)
- ( ) Within Typical Range (Bottom-Half)
- ( ) Below Typical Range

Current Calaveras County Drought Intensity Status *(see Drought Monitor)*

- (●) None
- ( ) D0 Abnormally Dry
- ( ) D1 Moderate Drought
- ( ) D2 Severe Drought
- ( ) D3 Extreme Drought
- ( ) D4 Exceptional Drought

Potential Hydrologic Conditions *(Approximate, Subject to Change)*

Select Appropriate Statement if Trending Dry or Dry Conditions:

- (●) Not Trending Dry or Dry Conditions
- ( ) Single Dry Year (Past FY Not Dry)
- ( ) Multi-Dry Year (Second, Prior FY Dry)
- ( ) Multi-Dry Year (Third, Prior Two FYs Dry)
- ( ) Multi-Year Drought, Number Year: _____

Appendix A

Part 2: Water Supply Projections

Fill out water supply projection tables and provide info below (instructions provided in WSDA Procedures Document).

Source River/Reservoir Name
Data Source and Type

	Month	Available Source (acre-ft)	Actual WTP Intake (acre-ft)	Actual WTP Supplied (acre-ft)	Representative FY Supplied[1] (acre-ft)	UWMP Year Type Supply[2] (acre-ft)	Water Supplied (acre-ft)
Current FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						
Following FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						

(1) Representative FY selected and any adjustments to monthly data set defined below.

(2) Subsequent FY dry year based on corresponding UWMP data for sequence defined in first page *(see Trending Dry or Dry Year Statement Selection).*

Representative FY Selected
% Adjustment to Rep FY Data

Provide any additional context or information related to the WSDA water supply analysis below.

Appendix A

Part 3: Water Use Analysis

Fill out water use projection tables and provide info below (instructions provided in WSDA Procedures Document).

Unauthorized Use Percentage 0.25 %

	Month	Actual Consumption (acre-ft)	UWMP Year Type Demand (acre-ft)	Operational and Non-Meter[1] (acre-ft)	Projected Consumption[2,3] (acre-ft)	Authorized Consumption (acre-ft)	Unauthorized Consumption (acre-ft)
Current FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						
Following FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						

(1) Operational flows or known non-metered consumption in service area.
(2) Current FY projection method defined below.
(3) Subsequent FY dry year based on corresponding UWMP data for sequence defined in first page *(see Trending Dry or Dry Year Statement Selection).*

Current FY Data Projection Method Used *(see WSDA Procedures Document)*

- (●) Method A (Historic Consumption Data)
- ( ) Method B (Demand Pattern Match)
- ( ) Other Method, as Defined Below:

Provide any additional context or information related to the WSDA water use analysis below.

Appendix A

Part 4: Infrastructure Considerations

Fill out infrastructre and system loss tables and provide info below (instructions provided in WSDA Procedures Document).

	Month	Calculated Loss (acre-ft)	Maximum FY Dist. Capacity (acre-ft)	Prior FY Dist. Capacity (acre-ft)	Current Dist. Capacity[1] (acre-ft)
Current FY	Jul				
	Aug				
	Sep				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Total FY				
Following FY	Jul				
	Aug				
	Sep				
	Oct				
	Nov				
	Dec				
	Jan				
	Feb				
	Mar				
	Apr				
	May				
	Jun				
	Total FY				

(1) Based on actual treated water production volumes for current FY.

Maximum Est. Capacity _____ (acre-ft/month)

Provide any information on infrastructure improvements or alterations made during current and preceding FY for the service area. Provide any additional context or information related to the WSDA system losses and plausible system constrains below.

Please list anticipated capital projects in the following FY which could influence future system capabilities. This should be limited to CCWD Board of Directors-approved projects or those incuded in the District's Capital Improvement Program (CIP).

Appendix A

Part 5: Data Compilation

	Month	Water Supplied (acre-ft)	Authorized Consumption (acre-ft)	Unauthorized Consumption (acre-ft)	Calculated Losses (acre-ft)	Difference (acre-ft)	Highlight[1]
Current FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						
Following FY	Jul						
	Aug						
	Sep						
	Oct						
	Nov						
	Dec						
	Jan						
	Feb						
	Mar						
	Apr						
	May						
	Jun						
	Total FY						

(1) Highlighted with "X" for months/FY with negative supply-demand difference.

Based on the above table, provide a description of the current FY and following FY water supply and demand conditions. If there final column contains highlighted rows, describe general CCWD response to deal with periods of inadequate water supply or clarify if WSDA analysis is erroneous.

Calculated Water Supply Shortage _____ % of Avg.

Recommended Shortage Stage
(see Water Shortage Contingency Plan)

- ● None
- ○ Stage 1 (Up to 10% Shortage)
- ○ Stage 2 (Up to 20% Shortage)
- ○ Stage 3 (Up to 30% Shortage)
- ○ Stage 4 (Up to 40% Shortage)
- ○ Stage 5 (Up to 50% Shortage)
- ○ Stage 6 (More than 50% Shortage)

Each Shortage Stage contains several recommended Demand Reduction Actions (DRAs), as defined by CCWD's Water Shortage Contingency Plan. If a Shortage Stage was selected, describe the DRAs planned for current and following FY, as needed. Describe plans for introducting additional DRAs or increasing Shortage Stage intensity, if needed.

Appendix A

Part 6: Review/Approvals

Provide a description of any amendments or changes to the WSDA process or analysis since the last submission.

Reviewed by CCWD Board of Directors *(Regular Meeting Date)*		(Date)
WSDA Prepared By		(Signature)
		(Name)
		(Title)
		(Date)
		(E-mail Address)
		(Phone Number)
Approved for Form and Sufficiency		(Signature)
		(Name)
	General Manager	(Title)
		(Date)

Attachment D
CCWD FY 2023 Water Supply & Demand
Assessment Review

Calaveras County Water District
Copper Cove Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	225.2	177.9	-47.3	31
Aug	208.5	179.6	-28.9	31
Sep	198.3	162.7	-35.6	30
Oct	170.4	140.3	-30.1	31
Nov	83.6	78.9	-4.7	11
Dec	75.6	68.7	-6.9	1
Jan	76.5	72.0	-4.5	0
Feb	89.0	66.3	-22.7	0
Mar	116.8	68.4	-48.4	0
Apr	113.8	91.7	-22.1	0
May	135.0	144.2	9.2	0
Jun	191.3	158.9[4]	-32.4	0
Total	**1,684.1**	**1,409.6**	**-274.4**	**135**
%UWMP[2]	**74.8%**	**62.6%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. During which time supplies were drawn from 'previously stored water' held in reservoir storage.
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:

Facility	Projected End FY 2023[2] (AF)	Actual End FY 2023 (AF)	Difference Act-Proj (AF)
New Spicer Meadow Reservoir[1]	37,708	188,585	150,877[3]
McKays Point Reservoir[1]	1,360	2,200	840[3]

[1] Includes previously stored water used for Copper Cove and/or Ebbetts Pass Service Area, and/or for North Fork Hydroelectric Project (non-consumptive).
[2] End prior FY represents no additional precipitation inflows diverted to storage.
[3] Represents unanticipated inflows to reservoir during wet 2022-2023 winter season.

Calaveras County Water District
Ebbetts Pass Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	233.3	168.6	-64.7	31
Aug	214.1	156.9	-57.2	31
Sep	210.5	136.6	-73.9	30
Oct	147.4	118.5	-28.9	31
Nov	111.4	88.6	-22.8	11
Dec	119.8	93.9	-25.9	1
Jan	130.1	97.0	-33.1	0
Feb	112.1	79.2	-32.9	0
Mar	115.9	104.7	-11.2	0
Apr	113.4	107.5	-5.9	0
May	126.0	106.7	-19.3	0
Jun	159.9	138.0[4]	-21.9	0
Total	**1,793.7**	**1,396.2**	**-397.7**	**135**
%UWMP[2]	**73.4%**	**57.1%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. During which time supplies were drawn from 'previously stored water' held in reservoir storage.
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:

Facility	Projected End FY 2023[2] (AF)	Actual End FY 2023 (AF)	Difference Act-Proj (AF)
New Spicer Meadow Reservoir[1]	37,708	188,585	150,877[3]
McKays Point Reservoir[1]	1,360	2,200	840[3]

[1] Includes previously stored water used for Copper Cove and/or Ebbetts Pass Service Area, and/or for North Fork Hydroelectric Project (non-consumptive).
[2] End prior FY represents no additional precipitation inflows diverted to storage.
[3] Represents unanticipated inflows to reservoir during wet 2022-2023 winter season.

Calaveras County Water District
Jenny Lind Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	336.5	244.2	-92.3	0
Aug	313.1	239.2	-73.9	0
Sep	275.5	219.5	-56	0
Oct	205.3	187.9	-17.4	0
Nov	127.5	116.3	-11.2	0
Dec	127.6	108.6	-19	0
Jan	135.5	108.5	-27	0
Feb	144.2	92.6	-51.6	0
Mar	179.4	95.2	-84.2	0
Apr	172.2	122.9	-49.3	0
May	182.8	175.0	-7.8	0
Jun	256.5	230.1[4]	-26.4	0
Total	**2,456.0**	**1,939.9**	**-516.1**	**0**
%UWMP[2]	**65.9%**	**52.0%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. *Not applicable for New Hogan Reservoir water rights held by Reclamation, as CCWD contract water supplies come from previously stored water.*
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:

Facility	Projected End FY 2023 (AF)	Actual End FY 2023 (AF)	Difference Act-Proj (AF)
New Hogan Reservoir[1]	N/A	31,279[2] (3,508 scheduled[1])	N/A

[1] CCWD holds 43.5 percent share of "conservation pool" water storage in New Hogan Reservoir, per contracts with Reclamation and Stockton East Water District (SEWD). CCWD's total water available is 31,665 AF/year (upper limit), while 7,700 AF/year is firm minimum available to CCWD in all year types. CCWD submits schedule to reservoir operators based on projected demand, including Calaveras River water uses, for April through March Contract Year period. Per contract, SEWD is entitled to use CCWD Portion of stored water not scheduled/used by CCWD.
[3] Represents "Contract Year" 2024 (April 2023 through March 2024) allocation to CCWD.

Calaveras County Water District
Sheep Ranch Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	2.5	1.8	-0.7	31
Aug	2.5	2.3	-0.2	31
Sep	2.4	1.8	-0.6	27
Oct	1.2	1.4	0.2	27
Nov	1.0	0.6	-0.4	1
Dec	0.8	0.5	-0.3	0
Jan	0.9	0.5	-0.4	0
Feb	0.8	0.5	-0.3	0
Mar	0.9	0.7	-0.2	0
Apr	2.4	0.6	-1.8	0
May	1.1	0.9	-0.2	0
Jun	2.0	1.6[4]	-0.4	0
Total	**18.4**	**13.3**	**-5.3**	**117**
%UWMP[2]	**53.1%**	**38.5%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. During which time supplies were drawn from 'previously stored water' held in reservoir storage.
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:

Facility	Projected End FY 2023[2] (AF)	Actual End FY 2023 (AF)	Difference Act-Proj (AF)
White Pines Lake (estimated[1])	37.9	109.2	71.3[3,4]

[1] Actual may be less due to reservoir sediment build-up and decreased capacity. Additional studies needed to assess gauge accuracy and capability of San Antonio Creek to reliably convey water downstream to Fricot Ditch diversion and Sheep Ranch Service Area. Additional water supplies stored in White Pines Lake from San Antonio Creek, not available to CCWD under its water rights claims.
[2] End prior FY represents no additional precipitation inflows diverted to storage.
[3] Represents unanticipated inflows to reservoir during wet 2022-2023 winter season.
[4] Does not include all water held in White Pines under 'Temporary Detention Pool'.

Calaveras County Water District
Wallace Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	11.3	8.7	-2.6	
Aug	11.2	8.6	-2.6	
Sep	10.8	7.6	-3.2	
Oct	7.7	6.6	-1.1	
Nov	3.8	4.2	0.4	
Dec	3.2	3.4	0.2	
Jan	3.9	2.8	-1.1	
Feb	4.5	2.6	-1.9	
Mar	5.5	2.4	-3.1	
Apr	5.6	8.1	2.5	
May	5.7	6.1	0.4	
Jun	8.0	7.5[4]	-0.5	
Total	**81.2**	**68.5**	**-12.6**	**N/A**
%UWMP[2]	**78.4%**	**66.1%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. *Not applicable for groundwater sourced Wallace Service Area.*
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:
None

Calaveras County Water District
West Point Service Area
FY 2023 Water Supply & Demand Assessment Review

Month	FY 2023			
	Projected Supplied[1] (AF)	Actual Supplied (AF)	Difference Act-Proj (AF)	Curtailed Days[3]
Jul	34.6	25.7	-8.9	0
Aug	32.8	23.0	-9.8	6
Sep	27.2	17.4	-9.8	27
Oct	20.0	15.2	-4.8	0
Nov	16.8	14.3	-2.5	0
Dec	17.4	10.2	-7.2	0
Jan	18.9	11.5	-7.4	0
Feb	18.1	8.1	-10	0
Mar	23.3	9.0	-14.3	0
Apr	17.7	5.6	-12.1	0
May	14.6	10.8	-3.8	0
Jun	21.6	20.5[4]	-1.1	0
Total	**262.9**	**171.4**	**-91.7**	**33**
%UWMP[2]	**100.9%**	**65.8%**		

[1] Projected from FY 2023 Water Supply Projections Report (see Attachment D).
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Number of days per month which relevant CCWD water rights were curtailed. During which time supplies were drawn from 'previously stored water' held in reservoir storage.
[4] Data not available; projected based on prior month trends and historic June production figures.

Carryover Storage for Service Area:

Facility	Projected End FY 2023[2] (AF)	Actual End FY 2023 (AF)	Difference Act-Proj (AF)
Bummerville Regulating Reservoir (estimated[1])	6.0	43.3	37.3[3]

[1] Actual may be less due to reservoir sediment build-up and decreased capacity. Additional studies needed to assess gauge accuracy.
[2] End prior FY represents no additional precipitation inflows diverted to storage.
[3] Represents unanticipated inflows to reservoir during wet 2022-2023 winter season.

Attachment E

CCWD FY 2024 Water Supply & Demand Assessments

Calaveras County Water District **June 2023**
Copper Cove Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
New Spicer Meadow Reservoir (NSM) 188,585 AF[1]
McKays Point Reservoir (McKays) 2,200 AF[1]

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[4] (AF)	Water Supply Sources: NF Stanislaus Diversion[5] (AF)	NSM Reservoir Release[6] (AF)	McKays Res. Release[6] (AF)	Total (AF)	Supply Buffer[9] (AF)
Jul	177.9	180.8	0.0	180.8	0.0	180.8	5,819.2
Aug	179.6	178.9	0.0	178.9	0.0	178.9	5,640.3
Sep	162.7	165.9	0.0	165.9	0.0	165.9	5,474.4
Oct	140.3	141.4	0.0	141.4	0.0	141.4	5,333.0
Nov	78.9	69.9	0.0	69.9	0.0	69.9	5,263.1
Dec	68.7	65.3	0.0	65.3	0.0	65.3	5,197.8
Jan	72.0	73.2	0.0	73.2	0.0	73.2	5,124.6
Feb	66.3	70.9	0.0	70.9	0.0	70.9	5,053.7
Mar	68.4	72.2	72.2	0.0	0.0	72.2	4,981.5
Apr	91.7	89.4	89.4	0.0	0.0	89.4	4,892.1
May	144.2	144.7	144.7	0.0	0.0	144.7	4,747.4
Jun	158.9[3]	159.0	65.2	93.8	0.0	159.0	4,588.4
Total	**1,409.6[3]**	**1,411.5**	**371.5**	**1,039.9**	**0.0**	**1,411.5**	**4,588.4 (Min Value)**
%UWMP[2]		**62.6%**	**26.3% Supply**	**73.6% Supply**	**0% Supply**	**OK**	
Max Avail			**5,628.5[8]**				

[1] Carryover available for Copper Cove and/or Ebbetts Pass Service Area uses, and/or for North Fork Hydroelectric Project (non-consumptive) use.
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[4] Average of 2/4 year trends and long-term data.
[5] Direct diversions per CCWD water rights in North Fork Stanislaus River Watershed; *assumed no curtailments in 2023.* Typically direct diversions made March through June since NSM and/or McKays releases are reduced to account for later hydropower uses.
[6] Stored water releases from NSM and/or McKays reservoirs, limited by carryover storage and prior diversion data from reservoir.
[7] Diversion to storage (storage refill) season per CCWD water rights.
[8] Combined total available from diversion and stored water for Copper Cove is 6,000 AF/year per water rights permits Condition 30. Quantity backed up by carryover storage made available in NSM and/or McKays, minus amount directly diverted from North Fork Stanislaus River.
[9] Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").

Calaveras County Water District **June 2023**
Ebbetts Pass Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
New Spicer Meadow Reservoir (NSM) 188,585 AF[1]
McKays Point Reservoir (McKays) 2,200 AF[1]

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[4] (AF)	Water Supply Sources: NF Stanislaus Diversion[5] (AF)	NSM Reservoir Release[6] (AF)	McKays Res. Release[6] (AF)	Total (AF)	Supply Buffer[9] (AF)
Jul	168.6	173.8	0.0	173.8	0.0	173.8	7,826.2
Aug	156.9	153.9	0.0	153.9	0.0	153.9	7,672.4
Sep	136.6	136.4	0.0	136.4	0.0	136.4	7,536.0
Oct	118.5	110.1	0.0	110.1	0.0	110.1	7,425.9
Nov	88.6	86.0	0.0	86.0	0.0	86.0	7,339.9
Dec	93.9	99.2	0.0	99.2	0.0	99.2	7,240.7
Jan	97.0	105.4	0.0	105.4	0.0	105.4	7,135.4
Feb	79.2	82.2	0.0	82.2	0.0	82.2	7,053.1
Mar	104.7	114.2	114.2	0.0	0.0	114.2	6,938.9
Apr	107.5	109.2	109.2	0.0	0.0	109.2	6,829.7
May	106.7	101.1	101.1	0.0	0.0	101.1	6,728.6
Jun	138.0[3]	132.9	53.2	79.7	0.0	132.9	6,595.7
Total	**1,396.2[3]**	**1,404.3**	**377.7**	**1,026.6**	**0.0**	**1,404.3**	**6,595.7 (Min Value)**
%UWMP[2]		**57.4%**	**26.8% Supply**	**73.1% Supply**	**0% Supply**	**OK**	
Max Avail			**7,622.3[8]**				

[1] Carryover available for Copper Cove and/or Ebbetts Pass Service Area uses, and/or for North Fork Hydroelectric Project (non-consumptive) use.
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[4] Average of 2/4 year trends and long-term data.
[5] Direct diversions per CCWD water rights in North Fork Stanislaus River Watershed; *assumed no curtailments in 2023.* Typically direct diversions made March through June since NSM and/or McKays releases are reduced to account for later hydropower uses.
[6] Stored water releases from NSM and/or McKays reservoirs, limited by carryover storage and prior diversion data from reservoir.
[7] Diversion to storage (storage refill) season per CCWD water rights.
[8] Combined total available from diversion and stored water for Ebbetts Pass is 8,000 AF/year per water rights permits Condition 29. Quantity backed up by carryover storage made available in NSM and/or McKays, minus amount directly diverted from North Fork Stanislaus River.
[9] Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").

Calaveras County Water District **June 2023**
Jenny Lind Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
New Hogan Reservoir, CCWD Portion 31,279 AF (3,508 AF scheduled[1])

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[4] (AF)	Water Supply Sources New Hogan Res. Release (AF)	Water Supply Sources Total (AF)	Supply Buffer[6,7] (AF)
Jul	244.2	251.0	251.0	251.0	271.0
Aug	239.2	241.7	241.7	241.7	267.8
Sep	219.5	226.2	226.2	226.2	479.5
Oct	187.9	186.5	186.5	186.5	578.0
Nov	116.3	112.1	112.1	112.1	858.5
Dec	108.6	113.3	113.3	113.3	858.4
Jan	108.5	116.4	116.4	116.4	858.5
Feb	92.6	101.3	101.3	101.3	858.5
Mar	95.2	100.4	100.4	100.4	886.1
Apr	122.9	115.1	115.1	115.1	1,082.0
May	175.0	169.3	169.3	169.3	1,070.2
Jun	230.1[3]	231.1	231.1	231.1	1,313.1
Total	**1,939.9[3]**	**1,964.4**	**1,964.4**	**1,964.4**	**267.8 (Min Value[7])**
%UWMP[2]		**65.9%**	**100% Supply**	**OK**	
Max Avail			**3,508.0[1,5]**		

[1] CCWD holds 43.5 percent share of "conservation pool" water storage in New Hogan Reservoir, per contracts with Reclamation and Stockton East Water District (SEWD). CCWD's total water available is 31,665 AF/year (upper limit), while 7,700 AF/year is firm minimum available to CCWD in all year types. CCWD submits schedule to reservoir operators based on projected demand, including Calaveras River water uses, for April through March Contract Year period. Per contract, SEWD is entitled to use CCWD Portion of stored water not scheduled/used by CCWD.
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[4] Average of 2/4 year trends and long-term data.
[5] Scheduled quantity includes other in-County uses under CCWD Portion (e.g., La Contenta Golf Course, Calaveras River agricultural users); total of 1,980 AF estimated for these demands between April 2023 and March 2024.
[6] **Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").**
[7] Minimum supply buffer based on schedule submitted by CCWD. CCWD may request additional supply within CCWD Portion limit, if needed.

Calaveras County Water District **June 2023**
Sheep Ranch Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
White Pines Lake **109.2 (estimated[1])**

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[4] (AF)	Water Supply Sources: Big Trees Creek via Fricot Ditch[5] (AF)	Water Supply Sources: White Pines Release[6] (AF)	Water Supply Sources: Total (AF)	Supply Buffer[8] (AF)
Jul	1.8	1.8	0.0	1.8	1.8	107.4
Aug	2.3	2.4	0.0	2.4	2.4	106.8
Sep	1.8	1.6	0.3	1.3	1.6	107.9
Oct	1.4	1.5	0.3	1.2	1.5	108.0
Nov	0.6	0.5	0.5	0.0	0.5	109.2
Dec	0.5	0.5	0.5	0.0	0.5	109.2
Jan	0.5	0.5	0.5	0.0	0.5	109.2
Feb	0.5	0.4	0.4	0.0	0.4	109.2
Mar	0.7	0.8	0.8	0.0	0.8	109.2
Apr	0.6	0.7	0.7	0.0	0.7	109.2
May	0.9	0.9	0.2	0.7	0.9	108.5
Jun	1.6[3]	1.3	0.0	1.3	1.3	107.9
Total	**13.3[3]**	**12.8**	**4.1**	**8.7**	**12.8**	**106.8 (Min Value)**
%UWMP[2]		**36.9%**	**31.7% Supply**	**68.3% Supply**	**OK**	
Max Avail			**4.1[5]**	**109.2[7]**		

[1] Actual may be less due to reservoir sediment build-up and decreased capacity. Additional studies needed to assess gauge accuracy and capability of San Antonio Creek to reliably convey water downstream to Fricot Ditch diversion and Sheep Ranch Service Area. Additional water supplies stored in White Pines Lake from San Antonio Creek, not available to CCWD under its water rights claims.
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[4] Average of 2/4 year trends and long-term data.
[5] Direct diversions per CCWD pre-1914 water right to Big Trees Creek, used for direct diversion to Sheep Ranch Service Area at Fricot Ditch diversion; *assumed no curtailments in 2023.*
[6] Stored water releases from White Pines Lake; typically unregulated and based on San Antonio and Big Trees Creeks inflows.
[7] Limited by carryover storage and prior diversion data from reservoir.
[8] **Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").**

Calaveras County Water District **June 2023**
Wallace Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
None

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[3] (AF)	Water Supply Sources Eastern San Joaquin SB GW Well Pumping[4] (AF)	Water Supply Sources Total (AF)	Supply Buffer[5] (AF)
Jul	8.7	9.2	9.2	9.2	8.6
Aug	8.6	9.1	9.1	9.1	8.7
Sep	7.6	8.3	8.3	8.3	9.5
Oct	6.6	6.9	6.9	6.9	10.9
Nov	4.2	4.1	4.1	4.1	13.7
Dec	3.4	3.4	3.4	3.4	14.4
Jan	2.8	3.0	3.0	3.0	14.8
Feb	2.6	2.8	2.8	2.8	15.0
Mar	2.4	2.5	2.5	2.5	15.3
Apr	8.1	8.9	8.9	8.9	8.9
May	6.1	6.1	6.1	6.1	11.7
Jun	7.5[2]	7.7	7.7	7.7	10.1
Total	**68.5**	**72.0**	**72.0**	**72.0**	**8.6 (Min Value)**
%UWMP[1]		**69.5%**	**100% Supply**	**OK**	
Max Avail			**213.6[4]**		

[1] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[2] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[3] Average of 2/4 year trends and long-term data.
[4] Limited by service area groundwater well capacities; estimated 133 gpm or 17.8 AF/mo approx. Eastern San Joaquin Subbasin (SB) is "critically overdrafted" and subject to Sustainable Groundwater Management Act (SGMA) regulations.
[5] Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").

Calaveras County Water District **June 2023**
West Point Service Area
FY 2024 Water Supply & Demand Assessment

Carryover Storage (as of June 20, 2023):
Bummerville Regulating Reservoir **43.3 AF (estimated[1])**

Month	FY 2023 Current/Prior Supplied (AF)	FY 2024 Projected Supplied[4] (AF)	Water Supply Sources: Bear Creek Diversion[5] (AF)	Bummerville Reg. Res Release[6] (AF)	CPUD Schaad's Purchase (AF)	Total (AF)	Supply Buffer[9] (AF)
Jul	25.7	29.3	29.3	0.0	0.0	29.3	214.0
Aug	23.0	25.1	8.4	0.0	16.7	25.1	188.9
Sep	17.4	17.9	0.0	0.0	17.9	17.9	171.0
Oct	15.2	16.0	0.0	0.0	16.0	16.0	155.0
Nov	14.3	15.8	12.6	0.0	3.2	15.8	139.2
Dec	10.2	11.3	11.3	0.0	0.0	11.3	128.0
Jan	11.5	13.6	13.6	0.0	0.0	13.6	114.4
Feb	8.1	9.6	9.6	0.0	0.0	9.6	104.8
Mar	9.0	11.3	11.3	0.0	0.0	11.3	93.5
Apr	5.6	11.4	11.4	0.0	0.0	11.4	82.1
May	10.8	10.0	10.0	0.0	0.0	10.0	72.0
Jun	20.5[3]	21.0	21.0	0.0	0.0	21.0	51.0
Total	**171.4[3]**	**192.3**	**138.5**	**0.0**	**53.8**	**192.3**	**51.0 (Min Value)**
%UWMP[2]		**73.8%**	**72% Supply**	**0% Supply**	**28% Supply**	**OK**	
Max Avail			**138.5[5]**	**43.3[7]**	**200.0[9]**		

[1] Actual may be less due to reservoir sediment build-up and decreased capacity. Additional studies needed to assess gauge accuracy.
[2] Percentage of service area demand figures stated in latest Urban Water Management Plan (UWMP) Update long-term average.
[3] Based prior 3-year average June data with 2023 not yet available, includes conveyance water losses assessed by Water Loss Audit(s).
[4] Average of 2/4 year trends and long-term data.
[5] Direct diversions per CCWD pre-1914 water right to Bear Creek; *assumed no curtailments in 2023.*
[6] Stored water releases from regulating reservoir; typically used to smoothen intake to West Point Water Treatment Plant.
[7] Limited by carryover storage and prior diversion data from reservoir.
[8] Limited by Middle Fork Pumping Plant (MFPP) intake capacity to facilitate water purchase; at 250 gpm or 33.6 AF/mo approx.
[9] Total available per CCWD-CPUD Agreement for water purchase from Schaad's Reservoir, current agreement expires 6/30/2027.
[10] Diversion to storage (storage refill) season per CCWD water rights. **11 Highlighted if less than 5% of projected total demand available as supply in single month (i.e., the "supply buffer").**

Item 5a

Agenda Item

DATE: June 28, 2023

TO: Michael Minkler, General Manager

FROM: Jeffrey Meyer, Director of Administrative Services

SUBJECT: Adoption of the Fiscal Year 2023-24 Operating and Capital Improvement Program (CIP) Budgets and Personnel Allocation

RECOMMENDED ACTION:

Motion _____ / _____ adopting Resolution No. 2023 - _____ the Fiscal Year 2023-24 Operating and Capital Improvement Program (CIP) Budget; and

Motion _____ / _____ adopting Resolution No. 2023 - _____ the Personnel Allocation for the Fiscal Year 2023-24 Budget.

SUMMARY:

The proposed budget is guided by the values, objectives, and priorities established by the Board during development of the District's strategic plan in 2021. This budget enables staff to continue the District's trend over the last several years of implementing proactive, cost-effective solutions to long-standing challenges with an emphasis on infrastructure replacement, transparency, and improving the customer experience.

Numerous challenges were encountered during budget development, including continued inflationary pressures across multiple expenditure types, such as power, chemicals and salary and benefit costs; new regulatory requirements increase the cost of doing business; and there is the ever-increasing cost of maintaining and replacing aging infrastructure. On the revenue side the challenge was how to incorporate any potential outcomes of the current water and wastewater rate study into the operating budget.

The District's rate consultant, IB Consulting, reported to the Board on May 3 and May 24, 2023, that without revenue increases, the water operating fund would continue to register growing deficits during the next five years. On the other hand, the wastewater operating fund is projected to have some annual budget surpluses but will trend to zero over the next five years. Moreover, the wastewater operating fund has a current negative balance of approximately $2.6 million, and an outstanding loan from the water operating fund that has a projected balance of $645,745 as of June 30, 2023. The wastewater operating fund must generate sufficient budget surpluses to pay back both the loan and restore the fund balance to a positive balance that meets the District's reserve policy.

The Proposed FY 2023-24 Operating Budget was reviewed, discussed, and forwarded by the Finance Committee on May 30, 2023. After receiving comments and directions from the Board on June 14, 2024, and from IB Consulting regarding the current rate study, staff reduced expenditures by $736,064. The reductions included $510,261 in Capital Outlay projects and equipment, and $225,803 in Services and Supplies.

In the Capital Outlay budget, some equipment purchases, lease-to-own vehicles, and projects were deferred until FY 2024-25, while the Copper Cove Water Ozone Unit Replacement project was moved to the Water CIP due to the size of its budget, $300,000. The reductions in Services and Supplies also include deferring work until FY 2024-25, notably in Utilities and Water Resources.

Through the hard work of all department heads and their budget teams, the proposed budget is balanced, transparent, and fiscally responsible while delivering on the District's commitments and increasing capital improvement project implementation capacity.

Revenues

Operating revenues in the Proposed Operating budget are projected to increase by $570,360, primarily due to an increase in water and sewer sales ($2.1 million), property tax revenues ($359,000), and power sales ($355,000). However, these increases are offset by a decrease in investment income (-$214,000), and a decrease of almost $2.2 million in transfers in. Transfers in include funds from water and wastewater Capital Renovation and Replacement (R&R) and the Interest Reserve Fund, cover debt service for the new infrastructure financing package, in-house support for infrastructure replacement projects, funding to assist the underground utility crew, and general support of the operating budget.

Total revenue budgeted for FY 23-24, including operating revenue, non-operating revenue, and transfers-in, is $26,703,905. This represents an increase of $570,360.

Expenditures

A significant portion of the operating budget expenditure increases are attributed to inflationary increases on many of the services and supplies that are essential for District operations. The following are highlights in the budget:

- Power – CPPA increased rates twice in FY 22-23, a 60% increase on July 1, 2022, and 40% increase this spring. The District's power expenditures are projected to increase $582,615 in FY 23-24 for a total of $2,155,615. And, over the last three years, CPPA rate increases driven up the District's power costs $1.27 million, from $883,706 in FY 20-21 to projected $2.16 million in FY 23-24, a 244% increase.
- Chemicals – Inflationary pressures have resulted in an increase of $178,203.
- Computer License/Maintenance Contracts – $90,000 increase includes increases for the District's new fiber network, a new AMI system hosting by Mueller, and other software license increases.

- Professional Services – Increased by $106,852, due in part to employee safety training, payroll processing help, Tyler implementation costs, and the North Fork Joint NCPA Relicense, of which half is reimbursed.
- Operating Expenses/Fuel & Oil – Continued high fuel costs require an increase of $106,050.
- Retiree Health Costs – Due to rising health insurance costs and recent retirements, health costs for retirees are projected to increase by $68,300.

Staffing

The Proposed Budget includes no new positions; however, the External Affairs Manager is being moved from Administrative Services to General Management. Total Salaries and Benefits increased $623,692, a result of negotiated salary increases and higher medical insurance costs. However, PERS costs, both Normal and UAL, decreased in FY 23-24.

Capital Outlay

The Proposed Capital Outlay budget includes the following equipment purchases and projects, as well as the lease-to-own vehicle costs. These expenditures are funded by operating revenues.

- District-Wide – Critical Generator Replacement (FEMA match)
- District-Wide – UPS Replacements
- La Contenta Wastewater Treatment Plant – Sand Filters Rehabilitation
- West Point – Vac Trailer
- Collections – Push Cams
- Corp Yard – Tire Balancer and Warehouse Equipment and Furniture
- Inspection Crew – Replacement Line Locator

Debt Service

The Administration Building Loan will be paid off in FY 2022-23, reducing the Debt Service budget by $645,742. The FY 2023-24 debt service budget is $3,212,861, $928,099 lower than FY 2022-23.

The District's debt is funded in part by transfers from Capital R&R funds, and includes the following debt instruments:

- USDA Ebbetts Pass Reach 3a Water Loan
- USDA AMI Water Loan
- Water CIP Loan – 2022
- Sewer CIP Loan – 2022
- PERS UAL Loan

- New Hogan Loan
- Water Fund Loan
- Administration Building Loan
- VacCon Truck Loan – 2020
- VacCon Truck Loan – 2021

Capital Improvement Program

The Proposed Capital Improvement Program (CIP) budget includes carryover projects approved in prior budgets and new projects. District policy requires a review of all capital projects and their funding requirements during the budget process, including current year funding needs for projects approved in prior budgets.

The CIP budget is $25,439,572, which includes $10,986,715 for water projects and $14,452,857 for wastewater projects. The District will finance these projects with a combination of state and federal grant funds ($6,500,000), CIP loans that locked in low interest rates ($8,329,123), Capital R&R funds ($5,888,768), and expansion funds ($4,721,681). The budget for the Copper Cove Pond 6 Dam Raise project is the District's portion of the project budget as the Army Corp of Engineers is project lead and will invoice the District for its share.

The CIP program will enable the District to complete high priority projects that are critical to maintaining safe and reliable delivery of water and wastewater services. These are projects that must be addressed as the costs will only increase over time. Staff will continue to aggressively pursue external sources of funding and the District will not initiate construction of those projects until the projects are fully funded.

The following are the proposed FY 2023-24 CIP projects:

Water:

- Jenny Lind Clearwell #2
- Jenny Lind A-B Transmission Line
- Jenny Lind Water Treatment Plant – Rehab Filters 1 & 2
- West Point Backup Filter
- West point Regulator Repair/Tule Removal
- Hunters Raw Water Pumps (Hazard Mitigation)
- White Pines Lake - Tule Removal/Spillway
- Copper Cove Tank B/Clearwell
- Copper Cove Zone B-C Transmission Pipeline & Pump Station
- Copper Cove Ozone Unit Replacement

Wastewater:

- LC Biolac, Clarifier, & UV Improvements
- West Point/Wilseyville Consolidation Project

- Arnold Secondary Clarifier & WWTP Improvements
- Forest Meadows WWTP - UV Improvements
- Copper Cove Lift Station 6, 8 & Force Main Bypass
- Copper Cove Lift Station 15 & 18 Rehab/Replacement
- Copper Cove Tertiary, DAF, and UV Improvements
- CC Pond 6 Dam Raise
- Collections System Rehab and I&I Mitigation

CONCLUSION:

This budget process has been a collaborative effort that required significant contributions from Department Heads and their budget teams, our General Manager, Michael Minkler, as well as valuable assistance from the Administrative Services Department. The proposed budget represents a diligent effort to keep costs low while still ensuring the critical work of the District is completed safely and responsibly. Staff are pleased to submit the Proposed FY 2023-24 Operating and Capital Improvement Program (CIP) budgets to the Board for adoption.

Attachments: FY 2023-24 Proposed Operating and CIP Budgets and Personnel Allocation Document
Resolution 2023 - ___ Adopting the FY 2023-24 Operating and Capital Improvement Program Budgets
Resolution 2023 - ___ Adopting the FY 2023-24 Personnel Allocation

Proposed Operating Budget - Summary

	FY 2023-24 Proposed Budget	FY 2022-23 Board Approved	Variance
Sources			
Operating Revenue	16,996,612	14,875,474	2,121,138
Non-Operating Revenue	5,640,152	5,034,268	605,884
Transfers In	4,067,141	6,223,803	(2,156,662)
	26,703,905	26,133,545	570,360
Uses			
Salaries and Benefits	12,691,352	12,067,660	623,692
Services and Supplies	9,972,538	8,881,627	1,090,911
Capital Outlay	808,482	1,026,619	(218,137)
Debt Service	3,212,861	4,140,960	(928,099)
Transfers Out	-	-	-
	26,685,233	26,116,867	568,367
Net Budget	18,671	16,679	1,993

Proposed FY 2023-24 Operating Budget - Revenues

	FY 2023-24 Proposed Budget			FY 2022-23 Board Approved			
Operating Revenue	**Water**	**Sewer**	**Total**	**Water**	**Sewer**	**Total**	**Variance**
Water/Sewer Sales/Resid	10,330,790	6,117,821	16,448,612	8,805,726	5,542,025	14,347,751	2,100,861
Irrigation Water Sales	11,000	-	11,000	10,723	-	10,723	277
Water Sales - Fire Hydrant	200,000	-	200,000	170,000	-	170,000	30,000
Inspection Fees	-	5,000	5,000	-	5,000	5,000	-
Account Establishment Fees	47,000	3,000	50,000	47,000	3,000	50,000	-
Delinquent Account Charge	55,000	40,000	95,000	55,000	40,000	95,000	-
Termination of Services	-	-	-	-	-	-	-
Backflow Certification Testing	4,000	-	4,000	4,000	-	4,000	-
Install Water Meter	30,000	-	30,000	30,000	-	30,000	-
Repair Labor/Materials	9,000	16,000	25,000	18,000	32,000	50,000	(25,000)
Reimbursable Expense	40,000	53,000	93,000	33,000	45,000	78,000	15,000
Other Water/Sewer Charges	-	-	-	-	-	-	-
Concept Approval Fees	-	-	-	-	-	-	-
Other Operating Revenue	25,550	9,450	35,000	25,550	9,450	35,000	-
Total Operating Revenues	**10,752,340**	**6,244,271**	**16,996,612**	**9,198,999**	**5,676,475**	**14,875,474**	**2,121,138**

	FY 2023-24 Proposed Budget			FY 2022-23 Board Approved			
Non-Operating Revenue	**Water**	**Sewer**	**Total**	**Water**	**Sewer**	**Total**	**Variance**
Rental Revenue	60,590	22,410	83,000	60,590	22,410	83,000	-
Interest Income/CCWD Investments	15,000	-	15,000	167,170	61,830	229,000	(214,000)
Lease Interest Revenue	-	-	-	-	-	-	-
Property Taxes	2,794,720	735,272	3,529,992	2,567,151	603,817	3,170,968	359,024
Standby Fees	95,630	35,370	131,000	95,630	35,370	131,000	-
Power Sales - North Fork	616,704	228,096	844,800	452,600	167,400	620,000	224,800
Lease Revenue	-	-	-	-	-	-	-
Power Sales - New Hogan	153,300	56,700	210,000	58,400	21,600	80,000	130,000
Grant Revenue/Federal Agencies	-	-	-	-	-	-	-
Grant Revenue/State Agencies	-	-	-	-	-	-	-
Other Non-Operating Revenue	630,243	196,117	826,360	525,819	194,481	720,300	106,060
Miscellaneous Income	-	-	-	-	-	-	-
Total Non-Operating Revenues	**4,366,187**	**1,273,965**	**5,640,152**	**3,927,360**	**1,106,908**	**5,034,268**	**605,884**

Total Revenues	**15,118,527**	**7,518,237**	**22,636,764**	**13,126,359**	**6,783,383**	**19,909,742**	**2,727,022**

	FY 2023-24 Proposed Budget			FY 2022-23 Board Approved			
Transfer In	**Water**	**Sewer**	**Total**	**Water**	**Sewer**	**Total**	**Variance**
Transfer In - Debt (125/135/108)	1,590,389	753,168	2,343,557	2,270,947	931,750	3,202,697	(859,140)
Transfer In - CIP (120/130/104)	691,541	266,513	958,054	790,095	302,961	1,093,056	(135,002)
Transfer In - Operating (125/135)	620,530	-	620,530	713,718	36,594	750,312	(129,782)
Transfer In - Capital Outlay (108)	-	-	-	620,480	422,258	1,042,738	(1,042,738)
Transfer In - Operating (108)	145,000	-	145,000	98,550	36,450	135,000	10,000
Total Transfers In	**3,047,460**	**1,019,681**	**4,067,141**	**4,493,790**	**1,730,013**	**6,223,803**	**(2,156,662)**

Total Sources	**18,165,987**	**8,537,918**	**26,703,905**	**17,620,149**	**8,513,396**	**26,133,545**	**570,360**

Proposed FY 2023-24 Operating Budget - Expenditures

Proposed FY 2023-24 Budget	Department								FY 2022-23 Adopted	Variance
	Non-Dept	Utilities	Gen Mgmt	Board	Engineering	Adm Svcs	Water Res	Total		
Salaries and Benefits FTEs	0	51	5		8	9	2	75	75	-
Salaries Wages	-	4,729,370	679,081	43,200	1,049,330	928,696	250,690	**7,680,367**	**7,434,025**	246,342
Payouts	-	233,060	23,379	-	8,240	-	-	**264,679**	**30,494**	234,185
On Call Pay	-	21,100	-	-	-	-	-	**21,100**	**21,100**	-
Standby Pay	-	23,500	-	-	1,000	-	-	**24,500**	**15,400**	9,100
Overtime	-	210,000	630	-	29,000	10,000	2,000	**251,630**	**206,200**	45,430
Benefits	-	1,981,503	166,117	93,544	318,226	313,950	87,688	**2,961,028**	**2,815,799**	145,229
Medical Reimbursements	-	-	-	-	-	-	-	**-**	**2,000**	(2,000)
Retirement Expense	-	551,250	64,783	-	123,185	103,948	16,243	**859,409**	**966,592**	(107,183)
CalPERS UAL	265,813	132,416	9,330	-	27,940	21,918	6,222	**463,639**	**531,050**	(67,411)
Retirement Health Savings	-	90,960	24,200	-	19,280	24,840	5,720	**165,000**	**45,000**	120,000
Total Salaries and Benefits	**265,813**	**7,973,159**	**967,520**	**136,744**	**1,576,201**	**1,403,352**	**368,563**	**12,691,352**	**12,067,660**	**623,692**
Services and Supplies									-	
Power	19,800	2,155,615	-	-	-	-	-	2,175,415	1,588,400	587,015
Water	4,500	6,000	-	-	-	-	-	10,500	8,296	2,204
Sewage	-	43,970	-	-	-	-	-	43,970	46,734	(2,764)
Telephone	2,460	127,000	-	-	-	-	-	129,460	97,667	31,793
Refuse/Disposal	3,700	22,000	-	-	-	-	-	25,700	19,308	6,392
Materials & Supplies	39,800	152,000	6,700	3,750	8,200	250	1,500	212,200	187,300	24,900
Herbicide	-	1,000	-	-	-	-	-	1,000	1,500	(500)
Safety Equipment/Consumables	-	42,600	-	-	-	-	-	42,600	42,600	-
Tools	500	35,167	-	-	-	-	-	35,667	30,500	5,167
Uniforms - New	-	-	25,000	-	-	-	-	25,000	16,200	8,800
Materials and Supplies - CalFire	-	18,000	-	-	-	-	-	18,000	18,000	-
Safety Equipment	-	-	12,000	-	1,200	-	-	13,200	14,500	(1,300)
Lab Supplies, Consumables	-	40,000	-	-	-	-	-	40,000	40,000	-
Ozone System Parts	-	10,000	-	-	-	-	-	10,000	10,000	-
UV Bulb/MBR Replacement	-	110,000	-	-	-	-	-	110,000	110,000	-
Electrical Parts Replacement	-	70,000	-	-	-	-	-	70,000	70,000	-
Leak Repair Supplies	-	160,000	-	-	-	-	-	160,000	160,000	-
Road Repair Materials	-	25,850	-	-	-	-	-	25,850	31,250	(5,400)
SCADA, Radio Supplies	-	17,000	-	-	-	-	-	17,000	17,000	-
Septic Tanks, Repair & New	-	11,200	-	-	-	-	-	11,200	11,200	-
Meters, New & Replacement	-	10,000	-	-	-	-	-	10,000	10,000	-
Aerator/Compressor Repair	-	18,000	-	-	-	-	-	18,000	18,000	-
Computers/Peripherals	-	18,500	-	-	-	-	-	18,500	18,500	-
Control System/Pressure Transducer	-	8,200	-	-	-	-	-	8,200	5,000	3,200
Headworks/Solids Removal and Repair	-	20,160	-	-	-	-	-	20,160	20,160	-
HVAC	-	8,500	-	-	-	-	-	8,500	8,500	-
Mixers/Valves/Repair Kits/ Actuators	-	25,000	-	-	-	-	-	25,000	25,000	-
Monitor Wells Repair	-	5,000	-	-	-	-	-	5,000	5,000	-
Pumps/Motors Repair	-	140,000	-	-	-	-	-	140,000	140,000	-
Solids Handling Eq Repair	-	5,000	-	-	-	-	-	5,000	5,000	-
Admin Technologies Comm	-	23,000	2,400	-	11,000	76,410	-	112,810	72,400	40,410
Chemicals	-	552,893	-	-	-	-	-	552,893	374,690	178,203
Outside Services/Repairs	48,810	105,176	-	-	-	-	-	153,986	144,869	9,117
Fire Ext. Testing Cust. Base	-	2,200	-	-	-	-	-	2,200	2,000	200
Spraying - Weeds & Insects	1,000	42,000	-	-	-	-	-	43,000	31,000	12,000
Snow Removal	-	7,200	-	-	-	-	-	7,200	6,600	600
Uniform Launder	-	22,675	-	-	-	-	-	22,675	21,209	1,466
Fire Hydrant Maintenance	-	56,625	-	-	-	-	-	56,625	56,625	-
Service Maintenance Contracts	3,537	-	-	-	10,550	113,558	-	127,645	146,666	(19,021)
Groundwater Monitoring	-	51,975	-	-	-	-	-	51,975	47,250	4,725
Instrumentation Tech	-	8,500	-	-	-	-	-	8,500	8,500	-
Ozone System PM	-	7,000	-	-	-	-	-	7,000	7,000	-
Backflow Device Testing	-	4,000	-	-	-	-	-	4,000	4,000	-
SCADA Consulting	-	10,000	-	-	-	-	-	10,000	14,000	(4,000)
Hauling /Dig/Crane/Excavator	-	5,000	-	-	-	-	-	5,000	5,000	-
Pave/Seal/Asphalt Repair	-	115,000	-	-	-	-	-	115,000	145,000	(30,000)
Drug & Alcohol Testing	-	-	4,000	-	-	-	-	4,000	3,000	1,000
Septic Hauling Bio-solids Hauling	-	40,000	-	-	-	-	-	40,000	40,000	-
Tank Cleaning	-	50,000	-	-	-	-	-	50,000	50,000	-
Building Repairs	5,000	30,000	-	-	-	-	-	35,000	15,000	20,000
UV System PM	-	10,000	-	-	-	-	-	10,000	-	10,000
Recruiting	-	-	16,500	-	-	-	-	16,500	21,500	(5,000)
Claims/Damages	5,000	-	-	-	-	-	-	5,000	5,000	-
Computer License/Maintenance Contracts	51,450	115,456	-	-	16,860	62,615	1,400	247,781	161,331	86,450
Janitorial Services	24,385	-	-	-	-	-	-	24,385	23,220	1,165

Proposed FY 2023-24 Operating Budget - Expenditures

Proposed FY 2023-24 Budget	Department								FY 2022-23 Adopted	Variance
	Non-Dept	Utilities	Gen Mgmt	Board	Engineering	Adm Svcs	Water Res	Total		
Laboratory Services	-	145,000	-	-	-	-	-	145,000	165,000	(20,000)
Rentals (Non Vehicles/Equip)	-	5,000	-	-	-	-	-	5,000	56,000	(51,000)
Outside Legal Fees	-	-	125,000	-	-	-	120,000	245,000	265,000	(20,000)
Accounting/Auditing	-	-	-	-	-	41,600	-	41,600	41,600	-
Advertising/Publicity	-	-	1,500	-	-	-	2,000	3,500	11,500	(8,000)
Professional Services	-	80,500	159,300	-	50,000	166,480	333,370	789,650	682,798	106,852
Operating Exp/Fuel & Oil	-	360,150	-	-	-	-	-	360,150	254,100	106,050
Repairs and Parts	-	110,000	-	-	-	-	-	110,000	95,000	15,000
Fuel/Repair - Generators	-	20,000	-	-	-	-	-	20,000	20,000	-
Rental Exp/Vehicle and Eq	-	11,500	-	-	-	-	-	11,500	6,200	5,300
Vehicle Maintenance	-	36,500	-	-	-	-	-	36,500	10,200	26,300
Forms and Supplies	-	-	1,450	-	600	1,950	-	4,000	4,000	-
Permits and Licenses	-	21,600	-	-	-	-	-	21,600	21,600	-
Director Elections	-	-	-	-	-	-	-	-	5,000	(5,000)
Postage	-	-	-	-	-	15,950	-	15,950	15,950	-
Publications/Subscriptions	-	1,000	150	-	600	-	-	1,750	1,750	-
Memberships/Dues	-	20,000	42,725	-	600	750	63,717	127,792	127,226	566
Printing	-	-	-	-	-	1,000	-	1,000	1,000	-
Training, Conf & Travel	-	35,000	25,700	17,500	23,000	12,000	5,500	118,700	108,700	10,000
Other Travel Costs	-	500	750	2,500	1,600	500	1,000	6,850	5,750	1,100
Purchased Water	-	20,000	-	-	-	-	-	20,000	20,000	-
New Hogan Op/Maint Expense	-	-	-	-	-	-	474,000	474,000	508,008	(34,008)
Retiree Health Costs	767,000	-	-	-	-	-	-	767,000	698,700	68,300
Bad Debt Expense	-	-	-	-	-	40,000	-	40,000	37,000	3,000
Rate Assistance Program	-	-	-	-	-	60,000	-	60,000	60,000	-
Unemployment Claims	-	-	10,000	-	-	-	-	10,000	2,000	8,000
Insurance	281,100	-	-	-	-	-	-	281,100	272,489	8,611
State Water/Sewer Fees	-	250,000	-	-	-	-	-	250,000	240,000	10,000
Federal Dam & Admin Fees	-	-	-	-	-	-	702,000	702,000	696,400	5,600
State Water Right Fees	-	-	-	-	-	-	85,500	85,500	150,582	(65,082)
Mandated Plans	-	-	-	-	-	-	18,000	18,000	40,000	(22,000)
Water Efficiency	-	-	-	-	-	-	4,000	4,000	8,000	(4,000)
Third Party Payment Processing	-	-	-	-	-	33,600	-	33,600	47,000	(13,400)
Agent Fees (Custodial)	-	-	-	-	-	-	-	-	7,500	(7,500)
LAFCO Contribution	13,500	-	-	-	-	-	-	13,500	14,100	(600)
Total Supplies and Services	**1,271,542**	**5,681,212**	**433,175**	**23,750**	**124,210**	**626,663**	**1,811,987**	**9,972,538**	**8,881,627**	**1,090,911**
Capital Outlay										
Vehicles Capital Lease - Current	-	168,579	-	-	-	-	-	168,579	167,762	817
Vehicles Capital Lease -New	-	136,240	-	-	-	-	-	136,240	167,762	(31,522)
Equipment Purchased	-	178,948	-	-	7,000	-	-	185,948	216,095	(30,147)
Projects	-	317,715	-	-	-	-	-	317,715	475,000	(157,285)
Total Capital Outlay	**-**	**801,482**	**-**	**-**	**7,000**	**-**	**-**	**808,482**	**1,026,619**	**(218,137)**
Debt Service										
Interest Exp - PERS UAL Loan	142,644	-	-	-	-	-	-	142,644	153,799	(11,155)
Interest Exp - USDA AMI Loan	83,703	-	-	-	-	-	-	83,703	82,348	1,355
Interest Exp - VacCon Truck 2021	6,276	-	-	-	-	-	-	6,276	9,119	(2,843)
Interest Exp - USDA EP Reach 3A	52,344	-	-	-	-	-	-	52,344	53,430	(1,086)
Interest Exp - Water Fund Loan	7,515	-	-	-	-	-	-	7,515	17,774	(10,259)
Interest Exp - New Hogan Loan	4,684	-	-	-	-	-	-	4,684	7,169	(2,485)
Interest Exp - OP HQ	-	-	-	-	-	-	-	-	31,116	(31,116)
Interest Exp - VacCon Truck 2020	3,193	-	-	-	-	-	-	3,193	6,746	(3,553)
Interest Exp - Water CIP Loan 2022	557,542	-	-	-	-	-	-	557,542	437,538	120,004
Interest Exp - Sewer CIP Loan 2022	339,168	-	-	-	-	-	-	339,168	340,400	(1,232)
Principal Payment - PERS UAL Loan	338,000	-	-	-	-	-	-	338,000	336,000	2,000
Principal Payment - USDA AMI Loan	89,000	-	-	-	-	-	-	89,000	299,539	(210,539)
Principal Payment - VacCon Truck 2021	117,659	-	-	-	-	-	-	117,659	114,815	2,844
Principal Payment - USDA EP Reach 3A	48,800	-	-	-	-	-	-	48,800	47,700	1,100
Principal Payment - Water Fund Loan	72,207	-	-	-	-	-	-	72,207	119,268	(47,061)
Principal Payment - New Hogan	55,242	-	-	-	-	-	-	55,242	55,242	-
Principal Payment - OP HQ	-	-	-	-	-	-	-	-	614,626	(614,626)
Principal Payment - VacCon Truck 2020	121,884	-	-	-	-	-	-	121,884	118,331	3,553
Principal Payment - Sewer CIP Loan 2022	414,000	-	-	-	-	-	-	414,000	879,000	(465,000)
Principal Payment - Water CIP Loan 2022	759,000	-	-	-	-	-	-	759,000	417,000	342,000
Total Debt Service	**3,212,861**	**-**	**-**	**-**	**-**	**-**	**-**	**3,212,861**	**4,140,960**	**(928,099)**
Total Operating Expense Budget	**4,750,216**	**14,455,852**	**1,400,695**	**160,494**	**1,707,411**	**2,030,015**	**2,180,550**	**26,685,233**	**26,116,867**	**568,367**

Proposed FY 2023-24 Operating Budget - Expenditure Summary

Department	Salaries and Benefits	Services and Supplies	Capital Outlay	Debt Service	Total	FY 2022-23 Adopted	Variance
Board of Directors	136,744	23,750	-	-	160,494	181,495	(21,001)
General Management	967,520	433,175	-	-	1,400,695	1,048,239	352,456
Administrative Services	1,403,352	626,663	-	-	2,030,015	2,254,367	(224,352)
Engineering	1,576,201	124,210	7,000	-	1,707,411	1,430,549	276,862
Utilities	7,973,159	5,681,212	801,482	-	14,455,852	13,799,473	656,380
Water Resources	368,563	1,811,987	-	-	2,180,550	2,127,195	53,355
Non Departmental	265,813	1,271,542	-	-	1,537,355	1,134,589	402,766
Debt Service	-	-	-	3,212,861	3,212,861	4,140,960	(928,099)
Total Operating Expenditures	**12,691,352**	**9,972,538**	**808,482**	**3,212,861**	**26,685,233**	**26,116,867**	**568,367**

DEPARTMENT: Non-Departmental, Dept 50 | **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
	$ -	$ -	$ -	$ -	$ -	$ -		
CalPERS UAL	-	-	-	265,813	265,813	-	Portion of UAL for current retirees	
	-	-	-	-	-	-		
Total	$ -	$ -	$ -	$ 265,813	$ 265,813	$ -		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Power	$ 92,919	$ 10,325	$ 15,400	$ 19,800	$ 4,400	$ 13,651	Electricity for Admin Building (CPPA)	$ 16,500
							Gas for Admin Building (PG&E)	3,300
Water	$ 3,892	$ 4,087	$ 4,000	$ 4,500	$ 500	$ 4,309	Water Service - 120 Toma	$ 4,500
Telephone	$ 10,886	$ 12,359	$ 14,500	$ 2,460	$ (12,040)	$ 9,737	OP HQ Internet (moved to 60431)	$ 2,460
							OP HQ Back Up (moved to 60431)	-
							Telephone - Fiber (moved to 60431)	-
Refuse/Disposal	$ 2,903	$ 3,073	$ 3,700	$ 3,700	$ 0	$ -	120 Toma Court Refuse Disposal	$ 3,700
Materials and Supplies	$ 40,529	$ 54,672	$ 40,000	$ 39,800	$ (200)	$ 33,806	Credit Card/Others - Misc. Supplies, OP HQ	$ 2,500
							Office Supplies	22,000
							Janitorial Supplies	3,300
							Office Furniture and Chairs	3,000
							Appliances/Supplies, Furniture - OP HQ	1,000
							Printing - Letterhead, Env, Biz Cards, Stamps	1,500
							Hardware Store Supplies/ Other - OP HQ	1,100
							Printer Supplies	5,000
							Service Batteries - Alarm / Fire / Fobs	400
							Misc., employee t-shirts (moved to HR - 60314)	-
Tools	$ 20	$ 239	$ 500	$ 500	$ -	$ -	Tools	$ 500
							Other	-
HVAC	$ 158	$ -	$ -	$ -	$ -	$ -	HVAC	$ -
							Other	-
Outside Services/Repairs	$ 20,693	$ 28,178	$ 29,300	$ 48,810	$ 19,510	$ 30,575	Answering Service	$ 10,500
							Alarm Service and Repair (district-wide)	24,800
							Fire System Service	650
							Document Destruction	2,710
							Mass Document Shredding	2,350
							Heating & Air Service	2,500
							Reed Group - Road maintenance fee - OP HQ	800
							Landscaping - One Time - OP HQ	1,500
							Landscaping - Monthly - OP HQ	3,000
Spraying - Weeds and Insects	$ 2,386	$ 650	$ 1,000	$ 1,000	$ -	$ 588	Pest Control - OP HQ	435
							Weed Control - OP HQ	565
Service Maintenance Contracts	$ 5,713	$ 4,207	$ 7,680	$ 3,537	$ (4,143)	$ 2,448	Mail Room Copier Lease	3,537
								-
Building Repairs	$ 5,405	$ 1,641	$ 5,000	$ 5,000	$ -	$ 765	Miscellaneous repairs to buildings.	$ 5,000
Claims/Damages	$ 702	$ 14,861	$ 5,000	$ 5,000	$ -	$ 7,287	Small claims action against the District not reimbursed	$ 5,000
							by District's property / liability insurance program.	-
Computer Licenses & Maintenance Contracts	$ -	$ -	$ -	$ 51,450	$ 51,450	$ 7,287	Internet - Fiber and Backup Point to Point	$ 25,800
							District Phones	17,700
							Smartsheet	7,950
Janitorial Services	$ 15,480	$ 23,220	$ 23,220	$ 24,385	$ 1,165	$ 19,350	OP HQ Janitorial Svcs	$ 24,385
							Janitorial grounds maintenance - OP HQ	-
Professional Services	$ 510	$ -	$ -	$ -	$ -	$ 1,393		$ -
								-
Late Fees and Other Penalties	$ -	$ 17	$ -	$ -	$ -	$ 2,219	Past due fees on invoices	$ -
								-
Retiree Health Costs	$ 369,690	$ (68,264)	$ 698,700	$ 767,000	$ 68,300	$ 556,267	Current Retirees - PERS Medical	$ 105,000
							Current Retirees - PERS Admin	2,000
							Current Retirees - ACWA/JPIA Dental	35,000
							Current Retirees - ACWA/JPIA Vision	10,000
							Current Retirees - Medical Reimbursement	615,000
Insurance	$ 225,659	$ 280,267	$ 272,489	$ 281,100	$ 8,611	$ 267,525	ACWA/JPIA - Automobile, General Liability	$ 134,400
							Property Insurance	135,300
							Excess Crime	1,000
							Cyber Liability	10,400
LAFCO Contribution	$ 12,982	$ 13,336	$ 14,100	$ 13,500	$ (600)	$ 12,706	CCWD Share of LAFCO Costs	$ 13,500

DEPARTMENT: Non-Departmental, Dept 50

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.								
	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Capital Outlay								
Vehicles Capital Lease	-	-	-	-	-	-		-
Equipment Purchased	-	-	-	-	-	**14,479**		-
Equipment Purchased - Safety	-	-	-	-	-	**3,793**		-

TOTAL	**$ 810,528**	**$ 382,869**	**$ 1,134,589**	**$ 1,537,355**	**$ 402,766**	**$ 969,913**
Salaries & Benefits	**$ -**	**$ -**	**$ -**	**$ 265,813**	**$ 265,813**	**$ -**
Services and Supplies	**$ 810,528**	**$ 382,869**	**$ 1,134,589**	**$ 1,271,542**	**$ 136,953**	**$ 969,913**
Total	**$ 810,528**	**$ 382,869**	**$ 1,134,589**	**$ 1,537,355**	**$ 402,766**	**$ 969,913**
Total with D/S	**$ 1,146,796**	**$ 753,092**	**$ 5,275,549**	**$ 4,750,216**	**$ (525,333)**	**$ 3,657,851**

DEBT SERVICES							DESCRIPTION	AMOUNT - $
	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Draft	Variance	01/31/23 YTD		
Interest Exp - PERS UAL Loan	**$ 179,270**	**$ 161,501**	**$ 153,799**	**$ 142,644**	**$ (11,155)**	**$ 153,799**	Interest Exp - USDA AMI Loan	$ 153,799
Interest Exp - USDA AMI Loan	**-**	**15,371**	**82,348**	**83,703**	**1,355**	**44,086**	Interest Exp - VacCon Truck 2021	82,348
Interest Exp - VacCon Truck 2021	**-**	**8,651**	**9,119**	**6,276**	**(2,843)**	**7,103**	Interest Exp - USDA EP Reach 3A	9,119
Interest Exp - USDA EP Reach 3A	**55,531**	**55,411**	**53,430**	**52,344**	**(1,086)**	**53,430**	Interest Exp - Water Fund Loan	53,430
Interest Exp - Water Fund Loan	**18,370**	**17,733**	**17,774**	**7,515**	**(10,259)**	**-**	Interest Exp - New Hogan Loan	17,774
Interest Exp - New Hogan Loan	**11,515**	**9,027**	**7,169**	**4,684**	**(2,485)**	**-**	Interest Exp - OP HQ	7,169
Interest Exp - OP HQ	**46,106**	**31,115**	**31,116**	**-**	**(31,116)**	**-**	Interest Exp - VacCon Truck 2020	31,116
Interest Exp - VacCon Truck 2020	**11,848**	**9,916**	**6,746**	**3,193**	**(3,553)**	**5,389**	Interest Exp - Sewer CIP Loan 2022	6,746
Interest Exp - Water CIP Loan 2022	**13,628**	**47,047**	**437,538**	**557,542**	**120,004**	**145,846**	Principal Payment - PERS UAL Loan	437,538
Interest Exp - Sewer CIP Loan 2022	**-**	**14,450**	**340,400**	**339,168**	**(1,232)**	**251,600**	Interest Exp - Water CIP Loan 2022	340,400
Principal Payment - PERS UAL Loan	**-**	**-**	**336,000**	**338,000**	**2,000**	**336,000**	Principal Payment - PERS UAL Loan	336,000
Principal Payment - USDA AMI Loan	**-**	**-**	**299,539**	**89,000**	**(210,539)**	**88,720**	Principal Payment - USDA AMI Loan	299,539
Principal Payment - VacCon Truck 2021	**-**	**-**	**114,815**	**117,659**	**2,844**	**85,847**	Principal Payment - VacCon Truck 2021	114,815
Principal Payment - USDA EP Reach 3A	**-**	**-**	**47,700**	**48,800**	**1,100**	**47,700**	Principal Payment - USDA EP Reach 3A	47,700
Principal Payment - Water Fund Loan	**-**	**-**	**119,268**	**72,207**	**(47,061)**	**-**	Principal Payment - Water Fund Loan	119,268
Principal Payment - New Hogan	**-**	**-**	**55,242**	**55,242**	**-**	**-**	Principal Payment - New Hogan	55,242
Principal Payment - OP HQ	**-**	**-**	**614,626**	**-**	**(614,626)**	**-**	Principal Payment - OP HQ	614,626
Principal Payment - VacCon Truck 2020	**-**	**-**	**118,331**	**121,884**	**3,553**	**88,419**	Principal Payment - VacCon Truck 2020	118,331
Principal Payment - Sewer CIP Loan 2022	**-**	**-**	**879,000**	**414,000**	**(465,000)**	**879,000**	Principal Payment - Sewer CIP Loan 2022	417,000
Principal Payment - Water CIP Loan 2022	**-**	**-**	**417,000**	**759,000**	**342,000**	**501,000**	Principal Payment - Water CIP Loan 2022	879,000
TOTAL	**$ 336,268**	**$ 370,223**	**$ 4,140,960**	**$ 3,212,861**	**$ (928,099)**	**$ 2,687,938**		

DEPARTMENT: Utility Services, Dept 54 — **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
Salaries Wages	$ 3,715,648	$ 4,098,086	$ 4,749,004	$ 4,729,370	$ (19,634)	$ 3,421,821	48 SEIU FTE; 3 MCU FTE: Total 51	
Payouts	127,949	188,930	30,494	233,060	202,566	90,187		
On Call Pay	5,250	-	21,100	21,100	-	2,850		
Standby Pay	7,500	4,482	15,400	23,500	8,100	66,300		
Overtime	252,146	195,404	200,000	210,000	10,000	298,590		
Benefits	1,808,728	1,663,122	1,862,821	1,981,503	118,682	1,459,494		
Medical Reimbursements	10,189	3,058	-	-	-	-		
Retirement Expense	1,007,499	487,424	687,714	551,250	(136,464)	384,745		
CalPERS UAL	480,487	303,418	461,373	132,416	(328,957)	288,256		
Retirement Health Savings	-	224,695	25,560	90,960	65,400	21,345		
Total	$ 7,415,396	$ 7,168,619	$ 8,053,466	$ 7,973,159	$ (80,307)	$ 6,033,587		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Power	$ 883,706	$ 1,061,815	$ 1,573,000	$ 2,155,615	$ 582,615	$ 1,458,931	CPPA - Electrical costs, Water	1,521,756
							CPPA - Electrical costs, Sewer	584,039
							PG&E - Electrical costs, Water	38,646
							PG&E - Electrical costs, Sewer	11,174
							CPPA - 60% Increase	
Water	$ 4,279	$ 6,485	$ 4,296	$ 6,000	$ 1,704	$ 4,501	Union Public Utility District/CPUD	3,444
							UPUD - DF/Vallecito (Sugar Pine)	852
							UPUD - DF/Vallecito (Main Street)	852
							UPUD - Six Mile Village (Ponderosa)	852
Sewage	$ 39,282	$ 47,869	$ 46,734	$ 43,970	$ (2,764)	$ 36,199	SASD, Angels - Sewer charges for six mile village	43,970
Telephone Lease Line	$ 3,044	$ 2,638	$ -	$ -	$ -	$ 63	Moved to 60250	
Telephone	$ 90,825	$ 105,079	$ 83,167	$ 127,000	$ 43,833	$ 95,370	District wide telephone service	127,000
							Op HQ Long Distance	
							Telecommunications Hosting	
							Phone SA Shop	
							AT&T LC Internet	
							Leased Lines	
							Sheep Ranch	
							Wallace	
							Cal Tel	
							Comcast VCTO	
							Comcast JLWTP	
							Comcast JLTC	
							Phone JLTC	
							Fax JLTC	
							Phone Azalea	
							Camp Connell Radio Tower	
							District Wide Cell Phones - Verizon	
							Phone Dorrington	
							Phone Hunters	
							CC WHSE	
							Volcano WPWTP (Phone/SCADA/FAX	
Refuse/Disposal	$ 25,006	$ 16,914	$ 15,608	$ 22,000	$ 6,392	$ 16,389	Cal Waste LCWWTP	2,480
							Cal Waste JLWTP	2,733
							Cal Waste Wilseyville	1,352
							Cal Waste AWWTP	1,352
							Cal Waste FMWWTP	1,352
							Cal Waste EP Barn	1,389
							Cal Waste Hunters	1,352
							Cal Waste DF VCTO	2,733
							Cal Waste CCWWTP	2,733
							CalWaste White Pines	1,856
							Rock Creek Landfill - Southworth	837
							Rate increase	1,831
Materials & Supplies	$ 128,144	$ 238,066	$ 114,000	$ 152,000	$ 38,000	$ 116,509	Calaveras Lumber, Groeniger, Pace, Alhambra, Carson Hill	152,000
Herbicide	$ 928	$ 676	$ 1,500	$ 1,000	$ (500)	$ -	Mid Valley Ag	1,000
Safety Equipment/Consumables	$ 40,480	$ 43,212	$ 42,600	$ 42,600	$ -	$ 26,401	Safe-T-Lite, Safety Boots, gloves, winter gear, hearing protection, welding helmets and jackets, fire extinguishers	30,600
							Safety Boot Reimbursement (based on Labor Cost)	12,000
							$200 x's 60 staffers - source of $2,600 budgetary increase	
Tools	$ 33,984	$ 33,042	$ 30,000	$ 35,167	$ 5,167	$ 26,726	Tools for additional staff and the Underground Crew	35,167
Uniforms - New	$ 10,427	$ 18,550	$ 16,200	$ -	$ (16,200)	$ 13,039	T-Shirts/Polo's District wide	
							Winter weather gear	
							(moved to HR)	
Material and Supplies Cal Fire	$ 2,544	$ 10,013	$ 18,000	$ 18,000	$ -	$ 4,635	Calfire Reimbursements	18,000
Lab Supplies, Consumables	$ 49,883	$ 40,078	$ 40,000	$ 40,000	$ -	$ 27,436	Lab supplies and equipment	40,000

DEPARTMENT: Utility Services, Dept 54 **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Ozone System Parts	$ 2,644	$ 5,203	$ 10,000	$ 10,000	$ -	$ 1,089	Ozone sensors, piping, gaskets and O-rings for CC and JLWater Treatment Plants	10,000
UV Bulb/MBR Replacement	$ 108,671	$ 73,571	$ 110,000	$ 110,000	$ -	$ 58,645	UV Bulb Replacement, replaced every 9,000 hours	110,000
Electrical Parts Replacement	$ 72,189	$ 90,427	$ 70,000	$ 70,000	$ -	$ 50,966	Lighting / Lamps, psi transducers, VFDs, soft starts breakers, wire, etc.	70,000
Leak Repair Supplies	$ 130,841	$ 103,083	$ 160,000	$ 160,000	$ -	$ 103,827	La Contenta Warehouse, White Pines Barn West Point / Wilseyville, Copper Cove, and costs associated with for underground crew	160,000
Road Repair Materials	$ 29,551	$ 27,853	$ 31,250	$ 25,850	$ (5,400)	$ 21,605	Road base, drain rock, cut back, chipped asphalt SWPPP - BMP Material	15,850 10,000
SCADA, Radio Supplies	$ 17,019	$ 14,736	$ 17,000	$ 17,000	$ -	$ 7,297	Radio's for SCADA equipment associated with effective radio / SCADA telemetry	17,000
Septic Tanks, Repair & New	$ 18,171	$ 5,628	$ 11,200	$ 11,200	$ -	$ 5,547	Repair parts for septic tanks, floats and pumps and ARV repair and replacement	11,200
Meters, New & Replacement	$ 42,341	$ 17,777	$ 10,000	$ 10,000	$ -	$ 4,322	Water Meters - residential/commercial Distribution System Meters (2)	10,000 0
Aerator/Compressor Repair	$ 14,987	$ 15,425	$ 18,000	$ 18,000	$ -	$ 8,846	Hunters WTP Wallace WTP Jenny Lind WTP Forest Meadows WWTP - recycle pump/diffusers Southworth WWTP Wallace WWTP Douglas Flat/Vallecito WWTP La Contenta WWTP Arnold WWTP	2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000
Computers/Peripherals	$ 1,853	$ 4,752	$ 18,500	$ 18,500	$ -	$ 762	Monitors, software, speakers 4 SCADA Computers 4 Electrician Computers	2,500 8,000 8,000
Control System/Pressure Transducer	$ 4,097	$ 8,766	$ 5,000	$ 8,200	$ 3,200	$ 5,205	level controls for all the sewage pump stations	8,200
Headworks/Solids Removal and Repair	$ 20,218	$ 27,646	$ 20,160	$ 20,160	$ -	$ 11,997	Arnold WWTP, Douglas Flat, Vallecito	20,160
HVAC	$ 5,033	$ 11,216	$ 8,500	$ 8,500	$ -	$ 1,538	Cost For Unit Maintenance and Repair - Facility Wide	8,500
Mixers/Valves/Repair Kits/ Actuators	$ 13,844	$ 31,241	$ 25,000	$ 25,000	$ -	$ 10,883	All District Water and Wastewater sites	25,000
Monitor Wells Repair	$ -	$ -	$ 5,000	$ 5,000	$ -	$ -	Repair/replacement of monitoring well pumps (21 district wide)	5,000
Pumps/Motors Repair	$ 98,331	$ 193,726	$ 140,000	$ 140,000	$ -	$ 55,277	All types of vertical, turbine, submersible pumps, La Contenta Warehouse Wallace WTP Hunters WTP CC Raw Water Pump Arnold WWTP Copper Cove WWTP Forest Meadows WWTP Douglas Flat/Vallecito WWTP La Contenta WWTP Wallace WWTP	140,000
Solids Handling Eq Repair	$ 1,357	$ 207	$ 5,000	$ 5,000	$ -	$ -	Belt Press repairs	5,000 0
Admin Technologies Comm	$ 1,853	$ -	$ -	$ 23,000	$ 23,000	$ -	Modem Replacements (FM/White Pines) Surface Pro Replacements and Spares (8) 4 Electrician Computers	3,000 12,000 8,000
Chemicals	$ 417,845	$ 455,056	$ 374,690	$ 552,893	$ 178,203	$ 497,811	District Wide JLWTP CCWTP WPWTP Hunters WTP Wallace WTP	502,630

DEPARTMENT: Utility Services, Dept 54 **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
							AWWTP CCWWTP Douglas Flat/Vallecito LCWWTP Wallace/Southworth WPWWTP FMWWTP CCRCP Lower Thompson Huckleberry Caustic Conners Caustic Add'l Algae Uses Additional Caustic Uses Annual Cylinder Rental EP Polymer Annual CPI Increase (10%)	50,263
Outside Services/Repairs	$ 79,400	$ 86,038	$ 115,569	$ 105,176	$ (10,393)	$ 46,224	Vehicle Cloud Service Alarm Service Pagers - Answering Service JLTC Janitorial Service Assessments and HOAs Road Access Fee Tank Maintenance and Service Agreement Concrete Work Belt press Work Embankment Repairs Fence Work Radio Installations Tree Felling Locksmith Other Misc. Repairs Portable Toilets	9,320 5,800 577 600 2,900 394 14,730 12,130 1,500 28,291 3,975 2,059 2,500 1,200 12,000 7,200
Fire Ext. Testing Cust. Base	$ 2,000	$ 2,000	$ 2,000	$ 2,200	$ 200	$ 2,000	Annual test, inspection and refill of district wide fire extinguishers bldgs. and vehicles+ new Fire Ext.	1,800 400
Spraying - Weeds & Insects	$ 19,058	$ 31,216	$ 30,000	$ 42,000	$ 12,000	$ 24,924	Clark Pest Control/Foothill Pest Control District-Wide	42,000
Snow Removal	$ 2,520	$ 3,988	$ 6,600	$ 7,200	$ 600	$ 12,750	Rowley's	7,200
Uniform Launder	$ 25,631	$ 26,064	$ 21,209	$ 22,675	$ 1,466	$ 21,771	Ameripride - Laundry Services	22,675
Fire Hydrant Maintenance	$ 15,509	$ 3,768	$ 56,625	$ 56,625	$ -	$ 9,528	Performed by CC, EP and Calaveras Consolidated $25/hydrant - 2,65 hydrants	56,625
Groundwater Monitoring	$ 36,677	$ 33,795	$ 47,250	$ 51,975	$ 4,725	$ 23,571	Hydrologist Svcs required for report writing of our ground water monitoring.	51,975
Instrumentation Tech	$ 6,144	$ 10,281	$ 8,500	$ 8,500	$ -	$ 3,417	Calibration of lab equipment	8,500
Ozone System PM	$ 1,014	$ 15,144	$ 7,000	$ 7,000	$ -	$ -	PM of our ozone equipment	7,000
Backflow Device Testing	$ 1,750	$ 2,493	$ 4,000	$ 4,000	$ -	$ 1,925	Reinstated in-house testing	4,000
SCADA Consulting	$ 15,357	$ 15,180	$ 14,000	$ 10,000	$ (4,000)	$ 630	A-TEEM	10,000
Hauling /Dig/Crane/Excavator	$ 4,845	$ 4,905	$ 5,000	$ 5,000	$ -	$ 475	Raw water pump work	5,000
Pave/Seal/Asphalt Repair	$ 114,318	$ 63,521	$ 145,000	$ 115,000	$ (30,000)	$ 18,566	District-wide paving and asphalt repair, including Underground Crew (UGC)	115,000
Telemetry / Radio	$ 4,034	$ -	$ -	$ -	$ -	$ 763	Columbia Communications (Moved to Radio Equipment budget)	0
Septic Hauling Bio-solids Hauling	$ 34,257	$ 48,379	$ 40,000	$ 40,000	$ -	$ 29,938	LCWWTP AWWTP DF VCTO FMWWTP	10,000 10,000 10,000 10,000
Tank Cleaning	$ 31,580	$ 33,139	$ 50,000	$ 50,000	$ -	$ 11,800	Tank cleaning district-wide	50,000
Building Repairs	$ 36,289	$ 13,469	$ 10,000	$ 30,000	$ 20,000	$ 310	Repair roofs and gutters, district wide and repair the Arnold WWTP, WP L/S, and additional	30,000
UV System PM	$ 12,509	$ -	$ -	$ 10,000	$ 10,000	$ 639	Consulting assistance for UV System PM	10,000
Computer License/Maintenance Contracts	$ 44,987	$ 75,078	$ 87,320	$ 115,456	$ 28,136	$ 31,389	Annual Granite Net Tesco Flow Meter Calibration E&M	6,231 10,112 12,077

DEPARTMENT: Utility Services, Dept 54 **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
							Wi-Tech	2,900
							Mi-Host (Mueller)	29,000
							Websoft	27,000
							AMI System Hosting - Mueller	28,136
Laboratory Services	$ 147,725	$ 152,732	$ 165,000	$ 145,000	$ (20,000)	$ 78,565	Laboratory Services district-wide for water and wastewater	145,000
Rentals (Non Vehicles/Equip)	$ 60,182	$ 67,200	$ 56,000	$ 5,000	$ (51,000)	$ 51,045	Rentals district-wide	5,000
							SA Shop	0
Professional Services	$ 63,359	$ 6,154	$ 100,710	$ 80,500	$ (20,210)	$ 107,343	Sustainable Groundwater Monitoring	1,000
							Leachfield Eval	0
							ARC Flash Assessment (WW)	50,000
							Aquatic Mgt	1,500
							Misc. Assistance	9,000
							Compaction Testing - Patch paving	1,000
							CMMS GIS Contract	5,000
							GIS Support for backlog	10,000
							DBP RCA	3,000
Operating Exp/Fuel & Oil	$ 282,677	$ 372,967	$ 254,100	$ 360,150	$ 106,050	$ 278,884	Ebbetts Pass Gas	80,000
							WEX	222,650
							Hunt & Sons (Diesel)	50,000
							Campora	5,000
							JS West	2,500
Repairs and Parts	$ 136,984	$ 140,185	$ 95,000	$ 110,000	$ 15,000	$ 90,612	Misc. parts and repairs	70,000
							Tires	40,000
Fuel/Repair - Generators	$ 27,711	$ 27,411	$ 20,000	$ 20,000	$ -	$ 12,052	Misc. Generator expenses	20,000
Rental Exp/Vehicle and Eq	$ 28,594	$ 1,142	$ 6,200	$ 11,500	$ 5,300	$ 14,124	Rentals	11,500
Lease Expense Vehicle Eq	$ 11,746	$ 24,730	$ 10,200	$ 36,500	$ 26,300	$ 30,341	Maintenance for leased vehicles	36,500
Capital Lease Interest	$ 35,870	$ 32,810	$ -	$ -	$ -	$ -	Lease interest cost - (moved to Capital Outlay)	
Permits and Licenses	$ 11,478	$ 19,503	$ 21,600	$ 21,600	$ -	$ 10,326	Land Use EP	800
							Encroachment	10,000
							Misc. Certs	600
							CWEA/EIT	2,000
							CSM/DMV/DOT	3,500
							Distribution Certs	2,900
							Collection Certs	1,800
Late Fees and Other Penalties	$ 103	$ 1,181	$ -	$ -	$ -	$ 2,569		0
								0
Publications/Subscriptions	$ 1	$ 1,557	$ 1,000	$ 1,000	$ -	$ 981	Cal/OSHA Advisory, Study Guides/Ref manuals	1,000
							AWWA guidance manuals	
Memberships/Dues	$ 14,202	$ 31,865	$ 20,000	$ 20,000	$ -	$ 12,327	CWEA	1,600
							USA	2,000
							AWWA	10,145
							Misc. Memberships	6,255
Training, Conf & Travel	$ 26,282	$ 27,707	$ 35,000	$ 35,000	$ -	$ 39,418	Certification training, conferences, travel	35,000
							CRWA, AWWA, DMV physical reimbursement, seminars	
							Misc.	
							NCBPA	
							CRWA	
							Excel Training - JLTC	
							AWWA	
							Sensus	
							SEMA	
							Cal-Val Basics Workshop	
Other Travel Costs	$ -	$ 99	$ 100	$ 500	$ 400	$ 300	Mileage, meal and other misc. costs	500
Purchased Water	$ 789	$ 5,837	$ 20,000	$ 20,000	$ -	$ 486	Purchased from CPUD if needed	15,000
							Utica Water & Power (Hunters Res/Slurry Line	5,000
State Water/Sewer Fees	$ 218,382	$ 263,066	$ 240,000	$ 250,000	$ 10,000	$ 245,313	State Water and Wastewater Fees	250,000
							EPA (26)	

DEPARTMENT: Utility Services, Dept 54 **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
							SWRCB - Sewer Permit Fees	
							SWRCB Division Water Quality - Sewer Permit Fees	
							SWRCB (Water Sys Enforce/Lg Water Sys Fees)	
							Calaveras County Env Health (Haz Mat CUPA)	
							Site Burn Permits	
							Calaveras County Env Health (Haz Mat Generator)	
							Calaveras County Env Health (Generator Permit)	
Capital Outlay								
Vehicles Purchased	**7,743**	**141,397**	-	-	-	-	**See Capital Outlay**	0
Vehicles - Capital Lease to Own, Current Ne	-	-	**167,762**	**168,579**	**817**	**189,935**	**See Capital Outlay**	168,579
Vehicles - Capital Lease to Own, New	**133,620**	**171,962**	**183,881**	**136,240**	**(47,641)**	-	**See Capital Outlay**	136,240
Buildings	-	-	-	-	-	-	**See Capital Outlay**	0
Equipment Purchased	**498,062**	**470,178**	**216,095**	**178,948**	**(37,147)**	**73,100**	**See Capital Outlay**	178,948
Projects	**6,950**	**46,701**	**475,000**	**317,715**	**(157,285)**	**83,356**	**See Capital Outlay**	317,715

TOTAL	**$ 11,929,109**	**$ 12,354,209**	**$ 13,815,592**	**$ 14,455,852**	**$ 640,261**	**$ 10,267,101**

Salaries & Benefits	$ 7,415,396	$ 7,168,619	$ 8,053,466	$ 7,973,159	$ (80,307)	$ 6,033,587
Services and Supplies	$ 3,867,339	$ 4,355,352	$ 4,719,388	$ 5,681,212	$ 961,824	$ 3,887,122
Capital Outlay	646,375	830,238	1,042,738	801,482	(241,256)	346,391
Total	**$ 11,929,109**	**$ 12,354,209**	**$ 13,815,592**	**$ 14,455,852**	**$ 640,261**	**$ 10,267,101**

DEPARTMENT: General Management, Dept 56 **Fiscal Year 2023-24**

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
Salaries Wages	$ 447,164	$ 469,762	$ 510,966	$ 679,081	$ 168,115	$ 371,491	4 FTE MCU; 1 GM: Total 5	
Payouts	9,733	10,269	-	23,379	23,379	25,743		
On Call Pay	-	-	-	-	-	-		
Standby Pay	-	-	-	-	-	-		
Overtime	609	1,695	600	630	30	2,144		
Benefits	160,055	128,251	105,925	166,117	60,192	105,801		
Medical Reimbursements	2,800	400	-	-	-	-		
Retirement Expense	101,087	41,706	63,907	64,783	876	31,302		
CalPERS UAL	30,895	17,834	17,026	9,330	(7,696)	18,294		
Retirement Health Savings	-	48,140	3,840	24,200	20,360	2,815	Additional FTE for Safety Position	175,000
Total	$ 752,343	$ 718,058	$ 702,264	$ 967,520	$ 265,256	$ 557,590		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Materials & Supplies	$ 2,275	$ 2,411	$ 4,200	$ 6,700	$ 2,500	$ 2,735	Employee Relations/Wellness/Employee Meetings	6,000
							CAMRA/Mt Counties/Other Meetings	200
							Public Outreach/Water Conservation	500
							Quarterly Newsletter	0
Uniforms - New	$ -	$ -	$ -	$ 25,000	$ 25,000	$ 13,039	Shirts, Sweatshirts, and Hats District wide	25,000
Safety Material and Supplies	$ 439	$ 41	$ 12,500	$ 12,000	$ (500)	$ -	AED's & Replacement Pads and Batteries	2,000
							Supplies - Hard Hats, Harnesses, Ladders, Signs, etc.	10,000
							First Aid Update kits and training materials	0
Admin Technologies Comm	$ -	$ -	$ -	$ 2,400	$ 2,400	$ -	Laptop Replacement (2)	2,400
Outside Repairs	$ 4	$ -	$ -	$ -	$ -	$ -		0
Drug & Alcohol Testing	$ 2,542	$ 2,080	$ 3,000	$ 4,000	$ 1,000	$ 5,104	New Employee Drug Testing	4,000
Recruiting	$ 15,832	$ 18,012	$ 21,500	$ 16,500	$ (5,000)	$ 27,948	Recruitments Expenses	2,000
							Employment Advertisements	10,000
							Pre-employment exam	3,000
							Background investigations	1,000
							Career Fairs	500
Outside Legal Fees	$ 244,752	$ 129,895	$ 120,000	$ 125,000	$ 5,000	$ 103,771	General HR Counsel	30,000
							General Counsel	95,000
Advertising/Publicity	$ 486	$ 1,164	$ 1,500	$ 1,500	$ -	$ 1,381	Publish Public Notices - Standby Fee	1,500
							Unclaimed checks, Haz Mat Plan	0
Professional Services	$ 152,871	$ 94,882	$ 112,300	$ 159,300	$ 47,000	$ 76,157	O'Connell & Dempsey	72,000
							O'Connell & Dempsey - travel	800
							WageWorks - FSA Admin	3,000
							ADP - Payroll/HR Services	26,000
							Fitness for Duty, Misc.	1,000
							Management Consulting	10,000
							Paytech	14,000
							457/RHS Committee	2,500
							District EE Safety Training	25,000
							Safety Coordination Program	5,000
Forms and Supplies	$ -	$ -	$ 1,450	$ 1,450	$ -	$ -	W/C, Sexual Harassment	500
							flyers/brochures/pamphlets/maps	100
							Notary Supplies	50
							Security Fobs and supplies	300
							Business Cards/Board Name Tags	500
Late Fees and Other Penalties	$ 12	$ -	$ -	$ -	$ -	$ -		
Subscriptions/Publications	$ 666	$ 773	$ 150	$ 150	$ -	$ 197	General	150
Memberships/Dues	$ 44,655	$ 45,832	$ 42,925	$ 42,725	$ (200)	$ 48,917	SHRM & SAHRA Membership - Lollar	600
							CSDA-Gold County Chapter	25
							CSDA	8,000
							ACWA	24,000
							Mountain Counties	9,300
							Calaveras County Chamber of Commerce	600
							Sierra Business Council	200
Training, Conferences & Travel	$ 3,484	$ 9,881	$ 23,700	$ 25,700	$ 2,000	$ 28,030	Meetings/Conferences/Legislative	
							GM - Meetings/Conferences/Legislative	5,000
							GM - ACWA Conference (Fall/Spring)	2,000
							GM - Washington, DC Legislative	2,000
							External Affairs Manager Training	2,000
							CalPERLA and Misc. - HR	8,000
							Misc. Training	5,000
							Webinars, SAHRA and JPIA mtgs	1,500
							Notary Renewal	200

DEPARTMENT: General Management, Dept 56

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.								
	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Other Travel Costs	$ -	$ -	$ 750	$ 750	$ -	$ -	Mileage Reimbursement Parking, Misc.	500 250
Unemployment Claims	$ -	$ 14,133	$ 2,000	$ 10,000	$ 8,000	$ 7,809		10,000
TOTAL	**$ 1,220,359**	**$ 1,037,162**	**$ 1,048,239**	**$ 1,400,695**	**$ 352,456**	**$ 872,678**		
Salaries & Benefits	**$ 752,343**	**$ 718,058**	**$ 702,264**	**$ 967,520**	**$ 265,256**	**$ 557,590**		
Services and Supplies	**$ 468,016**	**$ 319,104**	**$ 345,975**	**$ 433,175**	**$ 87,200**	**$ 315,087**		
Total	**$ 1,220,359**	**$ 1,037,162**	**$ 1,048,239**	**$ 1,400,695**	**$ 352,456**	**$ 872,678**		

DEPARTMENT: Board of Directors, Dept 57

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
Director Salaries Wages	$ 28,080	$ 26,280	$ 43,200	$ 43,200	$ -	$ 22,080	5 BOD	
Director Payouts	-	-	-	-	-	-		
Director On Call Pay	-	-	-	-	-	-		
Director Standby Pay	-	-	-	-	-	-		
Director Overtime	-	-	-	-	-	-		
Director Benefits	79,725	85,362	107,545	93,544	(14,001)	65,564		
Director Medical Reimbursements	1,361	400	2,000	-	(2,000)	-		
Director Retirement Expense	-	-	-	-	-	-		
Director CalPERS UAL	-	-	-	-	-	-		
Retirement Health Savings	-	-	-	-	-	-		
	$ 109,166	$ 112,042	$ 152,745	$ 136,744	$ (16,001)	$ 87,644		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Director Materials & Supplies	$ 383	$ 207	$ 3,750	$ 3,750	$ -	$ 282	Board Meeting snacks, lunches and beverages	450
							Sponsorship of special meetings, other agencies	3,000
							Supplies	300
Director Elections	$ -	$ -	$ 5,000	$ -	$ (5,000)	$ -	County Charges for Board Elections - no elections in FY 23-24.	0
Director Training, Conference and Travel	$ 1,787	$ 8,565	$ 17,500	$ 17,500	$ -	$ 16,057	ACWA/DC - Davidson	2,500
							ACWA/DC - Ratterman	2,500
							ACWA/DC - Secada	2,500
							ACWA/DC - Thomas	2,500
							ACWA/DC - Underhill	2,500
							Legal Affairs (DC Trip)	5,000
Director Other Travel Costs	$ 1,852	$ 7,278	$ 2,500	$ 2,500	$ -	$ 3,607	Travel - Davidson	500
							Travel - Ratterman	500
							Travel - Secada	500
							Travel - Thomas	500
							Travel - Underhill	500

TOTAL	$ 113,187	$ 128,092	$ 181,495	$ 160,494	$ (21,001)	$ 107,590

Salaries & Benefits	$ 109,166	$ 112,042	$ 152,745	$ 136,744	$ (16,001)	$ 87,644
Services and Supplies	$ 4,021	$ 16,050	$ 28,750	$ 23,750	$ (5,000)	$ 19,946
Total	$ 113,187	$ 128,092	$ 181,495	$ 160,494	$ (21,001)	$ 107,590

DEPARTMENT: Engineering/Technical Services, Dept 58

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
Salaries Wages	$ 358,636	$ 421,855	$ 869,525	$ 1,049,330	$ 179,805	$ 330,531	7 SEIU FTE; 1 FTE MCU: Total 8	
Payouts	10,922	899	-	8,240	8,240	12,908		
On Call Pay	-	-	-	-	-	-		
Standby Pay	-	-	-	1,000	1,000	2,200		
Overtime	7,177	5,618	600	29,000	28,400	20,490		
Benefits	137,987	176,794	328,477	318,226	(10,251)	123,851		
Medical Reimbursements	800	400	-	-	-	-		
Retirement Expense	138,162	62,051	94,197	123,185	28,988	57,500		
CalPERS UAL	46,882	39,431	28,970	27,940	(1,030)	47,953		
Retirement Health Savings	-	112,530	5,880	19,280	13,400	2,890		
	$ 700,565	$ 819,577	$ 1,327,649	$ 1,576,201	$ 248,552	$ 598,323		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Materials and Supplies	136	8,350	14,000	8,200	(5,800)	761	Supplies - Inspectors/Staff	700
							Tools - Inspectors	7,500
Safety Equipment/Replacement	-	-	-	-	-	538		0
Tools	-	-	-	-	-	7,299		0
Safety Materials & Supplies	-	-	2,000	1,200	(800)	-	Safety Boots/Winter weather Gear	1,200
Admin. Technologies/Comm.	-	983	-	11,000	11,000	-	Laptop Replacement	2,000
							Laptop (Spare)	2,000
							Large Format Plotter/Scanner (Purchase or Rental)	7,000
Outside Repairs	27	11,874	-	-	-	-		0
Service Maintenance Contracts	16,351	6,464	13,500	10,550	(2,950)	1,196	Innovyze - Water Modeling Software	3,050
							Innovyze - Sewer CAD / Modeling Software (Add)	7,500
Computer License/	-	-	-	16,860	16,860	-	ESRI License (Engineering)	3,700
Maintenance Contracts							DLT - AutoCAD Licenses	6,800
							Microsoft Project	360
							ParcelQuest (3 licenses)	6,000
Professional Services	55,287	83,197	50,000	50,000	-	1,045	Various Project Support	40,000
							GIS Support from MMS	10,000
Forms and Supplies	-	-	600	600	-	-	Plotter Paper, drafting supplies	600
Permits and Licenses	984	543	-	-	-	4,548		0
Subscriptions/Publications	-	-	600	600	-	-	Misc. Subscriptions:	
							ENR, CASQA, AWWA, Plumbing Code	600
Memberships/Dues	771	192	600	600	-	202	Misc. Memberships/Dues:	600
							(PE, CWEA, Etc.)	
Recording/Title Reports	45	59	-	-	-	-		0
Training Conf. & Travel	4,805	10,081	21,000	23,000	2,000	16,311	Misc. Training Conf. & Travel	23,000
							ESRI, AutoCAD, Stormwater, CRWA Inspectors, etc.	
							AWWA, CWEA (Est. $2,500 per employee)	
Other Travel Costs	-	-	600	1,600	1,000	-	Mileage, Car Rental, Transportation, etc.	1,600
Capital Outlay								
Vehicles Capital Lease	-	-	-	-	-	-		-
Equipment Purchased	-	-	-	7,000	7,000	-	Replacement Line Locator for inspection team	-
Projects	-	-	-	-	-			-

TOTAL	$ 778,970	$ 941,319	$ 1,430,549	$ 1,707,411	$ 276,862	$ 630,224

Salaries & Benefits	$ 700,565	$ 819,577	$ 1,327,649	$ 1,576,201	$ 248,552	$ 598,323
Services and Supplies	$ 78,405	$ 121,742	$ 102,900	$ 124,210	$ 21,310	$ 31,901
Total	$ 778,970	$ 941,319	$ 1,430,549	$ 1,700,411	$ 269,862	$ 630,224

DEPARTMENT: Administrative Services, Dept 59

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Salaries and Benefits								
Salaries Wages	$ 733,448	$ 786,739	$ 1,023,827	$ 928,696	$ (95,131)	$ 749,571	6 SEIU FTE; 3 FTE MCU: Total 9	
Payouts	26,523	2,760	-	-	-	-		
On Call Pay	-	-	-	-	-	-		
Standby Pay	-	-	-	-	-	-		
Overtime	10,088	13,095	5,000	10,000	5,000	7,483		
Benefits	313,548	212,299	349,248	313,950	(35,298)	221,257		
Medical Reimbursements	3,200	-	-	-	-	-		
Retirement Expense	171,108	71,168	107,750	103,948	(3,802)	72,217		
CalPERS UAL	64,376	31,471	23,620	21,918	(1,702)	38,755		
Retirement Health Savings	-	169,400	9,000	24,840	15,840	5,900		
	$ 1,322,292	$ 1,286,932	$ 1,518,445	$ 1,403,352	$ (115,093)	$ 1,095,183		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Materials and Supplies	$ 473	$ 3,611	$ 4,250	$ 250	$ (4,000)	$ 6,067	Office Supplies	250
							Quarterly Newsletter (moved to Dept 56)	0
							Public Outreach/Water Conservation (moved Dept 56)	0
Safety Equipment Replconsumables	$ -	$ -	$ -	$ -	$ -	$ 198	Safety Equipment (moved to Dept 56)	
Uniform - New	$ -	$ -	$ -	$ -	$ -	$ 200	Uniforms (moved to Dept 56)	0
Computers/Peripherals	$ 1,190	$ 17,546	$ -	$ -	$ -	$ (0)		
Admin Technologies Comm	$ 23,333	$ 49,541	$ 72,400	$ 76,410	$ 4,010	$ 80,584	Hard Drives; BackUPS; Laptops; Monitors; Printers	
							Centralized Logging and Security (SIEM Solution)	7,800
							RMM (1 Time Cost)	7,500
							Email/Cloud Backup	12,500
							File Backup	23,410
							Laptop (Spare Office)	1,200
							Server (File Storage)	15,000
							Peripherals (Printers/Scanners/Monitors/UPS/Mice/Keyboards)	5,000
							Cabling	1,000
							Monitors (Qty 13)	3,000
Outside Services/Repairs	$ 6,558	$ 24,590	$ -	$ -	$ -	$ -	Rackspace	0
							Website Update	0
Service Maintenance Contracts	$ 37,254	$ 85,737	$ 125,486	$ 113,558	$ (11,928)	$ 34,906	Tyler:	
							Misc. A/R	3,346
							Utility CIS System	16,034
							Cashiering	5,807
							Third Party Printer Interface	4,148
							Content Manager Standard Edition	4,868
							Tyler U	63
							Service Order API	2,500
							Additional Utility Meter Reader Interface	1,929
							Meter Data Sync with Scheduler	5,787
							Core Financial	12,716
							Fixed Assets	1,604
							Personnel Management	7,185
							Project Accounting	2,983
							ESS Time & Attendance	2,068
							Purchasing	3,833
							Atera (moved to 60431)	0
							Municode Meetings (BOD, Finance, Engineering)	3,800
							Folder/Sorter Maintenance	5,014
							Mail Machine Lease-Sorter/Postage	9,633
							Meter Reader Maintenance	2,440
							Springbrook Annual Maintenance	17,800
Computer Licenses & Maintenance Contracts	$ 36,880	$ 38,818	$ 74,011	$ 62,615	$ (11,396)	$ 69,266	ParcelQuest - Annual license for Land Info System	5,000
							Password Management	1,600
							Abode	4,032
							Firewall	2,000
							Virus Protection	3,900
							Backup Solution	5,000
							Microsoft	15,900
							Telecommunications Hosting	13,000
							DocuSign	6,200
							Remit Plus	2,558
							Check Scanner Maintenance	425
							Atera	3,000
Accounting/Auditing	$ 35,370	$ 39,911	$ 41,600	$ 41,600	$ -	$ 39,400	Richardson - Annual Audit	40,400
							CalPERS SSA Admin Fee	0
							CalPERS - GASB 68	1,200
Professional Services	$ 195,547	$ 339,748	$ 237,480	$ 166,480	$ (71,000)	$ 102,770	Dataprose - Statement Processing	55,000
							Dataprose - Past Dues	10,000
							Dataprose - Outreach Materials	8,000
							LevelOne Web Services	3,000
							Tyler Finance Implementation - No Capital	35,140
							Tyler Inventory Implementation	4,680
							Tyler HR/PY Implementation	17,160
							Cost of Service Study	25,000
							OPEB Actuary	4,500
							NHA	4,000

DEPARTMENT: Administrative Services, Dept 59

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Forms and Supplies	$ 657	$ 684	$ 1,950	$ 1,950	$ -	$ 1,796	Printing - 1099's	150
							Customer Service Forms, Business Cards	500
							AP Checks, Deposit Slips	1,300
Late Fees and Other Penalties	$ 54	$ 400	$ -	$ -	$ -	$ 587		
Postage	$ 14,123	$ 9,750	$ 15,950	$ 15,950	$ -	$ 5,322	Shipping Charges (FedEx)	450
							Shipping Charges (UPS)	2,500
							OP HQ Postage. Reminders	13,000
Memberships/Dues	$ 995	$ -	$ 495	$ 750	$ 255	$ -	GFOA (3)	450
							CSMFO (3)	300
Printing	$ -	$ -	$ 1,000	$ 1,000	$ -	$ -	Customer Service outreach materials	1,000
Training, Conferences & Travel	$ 4,109	$ 2,180	$ 5,000	$ 12,000	$ 7,000	$ 6,586	Director of Admin Svcs - AWCA\CSMFO Conferences	3,500
							Business Svcs Manager - AWCA Conferences	3,000
							Accounting - Training	1,000
							Customer Service Training	1,500
							IT Training	2,000
							Tyler Training	1,000
Other Travel Costs	$ 129	$ 246	$ 800	$ 500	$ (300)	$ 92	Mileage / Parking Reimbursement	500
Bad Debt Expense	$ 61,924	$ 17,585	$ 37,000	$ 40,000	$ 3,000	$ 85,168	Bad Debt Write Off	
							Water	20,415
							Sewer	19,585
Rate Assistance Program	$ 53,625	$ 55,053	$ 60,000	$ 60,000	$ -	$ 35,940	Customer Assistance Program (CAP)	
							Water	24,000
							Sewer	36,000
Water Efficiency	$ 2,275	$ 3,062	$ 4,000	$ -	$ (4,000)	$ 2,000	Water conservation supplies/rebates (moved to Dept 60)	0
							Scholarships - (moved to Dept 60)	0
Third Party Payment Processing	$ 97,321	$ 152,428	$ 47,000	$ 33,600	$ (13,400)	$ 120,039	Global Pay	21,600
							CPI/Lockbox	12,000
Agent Fees (Custodial)	$ 2,813	$ -	$ 7,500	$ -	$ (7,500)	$ -	Invested Funds Custodial Fee	0
							N/A - Moved to Chandler Asset Mgmt	
Calaveras County Fees	$ 68	$ 46	$ -	$ -	$ -	$ 136		0
								0
Misc. Non-Operating Costs	$ 631	$ 7,829	$ -	$ -	$ -	$ 1,350		0
								0
TOTAL	**$ 1,897,620**	**$ 2,135,697**	**$ 2,254,367**	**$ 2,030,015**	**$ (224,352)**	**$ 1,687,590**		
Salaries & Benefits	**$ 1,322,292**	**$ 1,286,932**	**$ 1,518,445**	**$ 1,403,352**	**$ (115,093)**	**$ 1,095,183**		
Services and Supplies	**$ 575,329**	**$ 848,765**	**$ 735,922**	**$ 626,663**	**$ (109,259)**	**$ 592,407**		
Total	**$ 1,897,620**	**$ 2,135,697**	**$ 2,254,367**	**$ 2,030,015**	**$ (224,352)**	**$ 1,687,590**		

DEPARTMENT: Water Resources, Dept 60

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.

	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
SALARIES & BENEFITS								
Salaries Wages	$ 135,504	$ 140,316	$ 237,503	$ 250,690	$ 13,187	$ 151,570	1 FTE MCU; 1 FTE SEIU: Total 2	
Payouts	-	-	-	-	-	850		
On Call Pay	-	-	-	-	-	-		
Standby Pay	-	-	-	-	-	-		
Overtime	-	-	-	2,000	2,000	1,468		
Benefits	47,863	35,626	61,783	87,688	25,905	48,425		
Medical Reimbursements	-	-	-	-	-	-		
Retirement Expense	32,668	10,980	13,024	16,243	3,219	13,317		
CalPERS UAL	5,838	1,448	61	6,222	6,161	5,044		
Retirement Health Savings	-	150	720	5,720	5,000	390		
	$ 221,873	$ 188,520	$ 313,091	$ 368,563	$ 55,472	$ 221,064		
SERVICES & SUPPLIES							**DESCRIPTION**	**AMOUNT - $**
Materials and Supplies	$ 306	$ 314	$ 7,100	$ 1,500	$ (5,600)	$ 5,451	Misc. Staff/Department Materials & Supplies (TBD)	1,500
							ESRI ArcGIS Pro Software Licenses (moved to 60431)	
							Parcel Quest User License (moved to 60431)	
Outside Legal Services	$ 136,876	$ 147,336	$ 145,000	$ 120,000	$ (25,000)	$ 135,087	General Legal Support Services (Water Rights, Hydropower, etc.)	120,000
Computer License/ Maintenance Contracts	-	-	-	1,400	1,400	1,196	ESRI License (Water Resources)	1,400
Advertising/Publicity	$ -	$ 2,783	$ 10,000	$ 2,000	$ (8,000)	$ 1,655	Misc. Advertising, Publicity, Outreach, CEQA Noticing, etc.	2,000
Professional Services	$ 121,356	$ 124,081	$ 182,308	$ 333,370	$ 151,062	$ 85,221	General Water Rights Support Services	20,000
							PO49000: Water Rights Stream-Gage Monitoring	35,000
							Open PO79046: SGMA Semi-Ann GW Level Mgmt.	9,500
							SB555 Water Loss Audit AWWA Validation	8,870
							NF Hydro Project, FERC Re-License Support & Analysis	30,000
							NF Stanislaus Project: Joint NCPA Relicense Team	200,000
							Eastside GSA: Calaveras Support & Analyses	20,000
							ESJSB Conjunctive Use Exploration & Analyses	10,000
Membership/Dues	$ 64,006	$ 69,515	$ 63,206	$ 63,717	$ 511	$ 63,717	Eastern San Joaquin GW Authority Dues (San Joaquin/CalCo)	33,556
							UMRWA JPA Membership Dues	22,097
							T-Stan IRWM JPA & Watershed Advisory Commission Member Dues	8,064
Training, Conferences & Travel	$ 1,100	$ 1,648	$ 6,500	$ 5,500	$ (1,000)	$ 2,460	ACWA Spring/Fall Conference Registration Fees & Travel	3,000
							Misc. Training, Conferences & Travel	2,500
Other Travel Costs	$ -	$ -	$ 1,000	$ 1,000	$ -	$ 29	Misc. Staff/Department Travel Costs	$1,000
New Hogan Op/Maint Expense	$ 468,659	$ 471,659	$ 508,008	$ 474,000	$ (34,008)	$ -	New Hogan Water Contract Usage Pre-Payment (SEWD)	0
							New Hogan Water Contract Usage OM&R Payment (SEWD)	474,000
Federal Dam & Admin Fees	$ -	$ 356,576	$ 696,400	$ 702,000	$ 5,600	$ 399,983	1024.002 DSOD West Point Regulating Reservoir Dam Fee	8,000
							1024.004 DSOD White Pines Lake Dam Fee	6,000
							1024.009 DSOD Copper Cove Dam Fee	8,900
							1024.010 DSOD La Contenta Dam Fee	9,100
							1024.005 DSOD New Spicer Meadow Reservoir Dam Fee (NCPA	96,100
							1024.006 DSOD McKays Point Reservoir Dam Fee (NCPA)	45,500
							1024.007 DSOD North Fork Stan Project Diversion Dam Fee (NC	9,500
							1024.008 DSOD Beaver Creek Diversion Dam Fee (NCPA)	8,900
							FERC Admin Charges: FERC Project 2409 (NCPA)	360,000
							FERC Use of Federal Lands Fee: FERC Project 2409 (NCPA)	70,000
							022811 BLM Darby Knob Right of Way Comm Site Rental (NCP.	3,000
							USFS Wildlife Mitigation Fee, FERC Project 2409 (NCPA)	25,000
							USGS Advanced Streamgaging Program, FERC Project 2409 (NC	40,000
							FERC Admin Charges: FERC Project 2903 (MID)	12,000
State Water Right Fees	$ 812,701	$ 420,822	$ 150,582	$ 85,500	$ (65,082)	$ 135,003	CDTFA 094-003463: P14770 Big Trees Reservoir	500
							CDTFA 094-002961: P15013 New Spicer Consumptive Storage	800
							CDTFA 094-003397: P15015 Direct Diversion NF Stan Copper	8,400
							CDTFA 094-003399: P15017 NF Consumptive Copper	11,500
							CDTFA 094-003460: P15018 Highland/Spicer/NF Consumptive	700
							CDTFA 094-006585: P15024 Consumptive New Spicer Storage	23,400
							CDTFA 094-001307: P15452 Bear Creek West Point	5,500
							CDTFA 094-008488: P15626 Mill Pond/White Pines	500
							CDTFA 094-000269: USBR1307 New Hogan Supply Contract	5,700
							CDTFA 094-003398: P15016 Spicer/McKays Storage Hydro (NC	1,900
							CDTFA 094-003461: P15019 Highland Creek/Spicer Storage (NC	6,800
							CDTFA 094-003462: P15020 Highland Creek/NF Div Hydro (NC	2,000
							CDTFA 094-006347: P15021 Beaver Crk/McKays/NF Hydro (NC	1,600
							CDTFA 094-006584: P15023 NF Div & Beaver Creek Hydro (NC	15,700
							CDTFA 094-010768: P18458 New Hogan Hydropower (MID)	500
Water Efficiency	$ 2,275	$ 3,062	$ 4,000	$ 4,000	$ -	$ 2,000	Water conservation supplies and rebates	2,000
							Scholarships (2)- 4 w/EBMUD contribution	2,000

DEPARTMENT: Water Resources, Dept 60

Fiscal Year 2023-24

Include in your line item detail, the individual costs for each item listed where applicable.								
	2020-21 Actuals	2021-22 Actuals	2022-23 Adopted	2023-24 Proposed	Variance	03/31/23 YTD	DESCRIPTION	AMOUNT - $
Mandated Plans	$ 96,923	$ 57,264	$ 40,000	$ 18,000	$ (22,000)	$ -	Update CCWD's Local Hazard Mitigation Plan	18,000

TOTAL	**$ 1,926,075**	**$ 1,843,580**	**$ 2,127,195**	**$ 2,180,550**	**$ 53,355**	**$ 1,052,867**

Salaries & Benefits	**$ 221,873**	**$ 188,520**	**$ 313,091**	**$ 368,563**	**$ 55,472**	**$ 221,064**
Services and Supplies	**$ 1,704,202**	**$ 1,655,060**	**$ 1,814,104**	**$ 1,811,987**	**$ (2,117)**	**$ 831,802**
Total	**$ 1,926,075**	**$ 1,843,580**	**$ 2,127,195**	**$ 2,180,550**	**$ 53,355**	**$ 1,052,867**

Proposed FY 2023-24 Operating Budget - Capital Outlay

Capital Type	Dept	Qty	Location	Description	Water	Sewer	Total Cost	Funding
Capital Lease	54	29	District Wide	Vehicle Lease to Own - Current	123,063	45,516	168,579	
Capital Lease	54	8	District Wide	FY 2023-24 Vehicle Lease to Own - New	99,455	36,785	136,240	
Equipment	54	1	West Point	Vac Trailer	93,037	34,411	127,448	
Equipment	54	1	Collections	Push Cams	-	35,000	35,000	
Equipment	54	1	Corp Yard	Tire Balancer	6,570	2,430	9,000	
Equipment	54		Corp Yard	Warehouse Equipment and Furniture	5,475	2,025	7,500	
Equipment	58	1	District Wide	Line Locator - Replacement	5,110	1,890	7,000	
Projects	54	3	La Contenta WWTP	Sand Filters - Rehabilitation	-	150,000	150,000	
Projects	54		District-Wide	UPS Replacements	73,000	27,000	100,000	
Projects	54		District-Wide	Critical Generator Rplcmt (25% match)	49,432	18,283	67,715	
				Total	**455,142**	**353,340**	**808,482**	

	Dept 54			
75110	Capital Lease - Current	123,063	45,516	168,579
75110	Capital Lease - New	99,455	36,785	136,240
75200	Equipment	105,082	73,866	178,948
75300	Projects	122,432	195,283	317,715
		450,032	351,450	801,482
	Dept 58			
	Capital Lease - Current	-	-	-
	Capital Lease - New	-	-	-
	Equipment	5,110	1,890	7,000
	Projects	-	-	-
		5,110	1,890	7,000
	Total			
	Capital Lease - Current	123,063	45,516	168,579
	Capital Lease - New	99,455	36,785	136,240
	Equipment	110,192	75,756	185,948
	Projects	122,432	195,283	317,715
		455,142	353,340	808,482

Capital Improvement Program
Schedule of Cash Flow - Water Projects
FY 2023-24 thru FY 2025-2026

Project No	*Service Area*	Water Projects Project Description	Project Budget	Expenses to Date	Projected Balance	Cash Flow			Funding FY 23-24			
						FY 23-24	FY 24-25	FY 25-26	Expansion Funds	Capital R & R	CIP Loan	Grants
	Copper Cove											
11083C		Copper Cove Tank B/Clearwell	8,600,000	17,574	8,582,426	4,000,000	4,000,000	-	1,386,443	-	2,613,557	-
11104		Lake Tulloch Submerged Water Line Crossing	750,000	28,362	721,638	-	750,000	-	-	-	-	-
11122		CC Zone B-C Trans Pipeline & Pump Station	10,000,000	-	10,000,000	1,000,000	-	-	1,000,000	-	-	-
		Copper Cove Ozone Unit Replacement	300,000	-	300,000	300,000				300,000		
		Copper Cove O'Byrnes Water Line Extension	60,000	23,958	36,042	-	-	-	-	-	-	-
	Ebbetts Pass											
11083L		Larkspur Tank Replacement	576,522	304,039	272,483	-	-	-	-	-	-	-
11083S		Ebbetts Pass Sawmill Tank	3,050,000	10,751	3,039,249	-	-	3,000,000	-	-	-	-
11095		Ebbetts Pass Redwood Tanks HMGP	4,000,000	3,509,913	490,087	-	-	-	-	-	-	-
11099		Ebbetts Pass Meadowmont PS / Rehab.	100,000	-	100,000	-	-	-	-	-	-	-
11103		Hunters Raw Water Pumps (Hazard Mitigation)	2,400,000	173,597	2,226,403	2,000,000	-	-	-	500,000	-	1,500,000
11108		Big Trees Pump Stations 4 & 5 Replacement	2,100,000	249	2,099,751	-	-	450,000	-	-	-	-
11109		White Pines Tule Removal/Spillway	96,715	10,983	85,732	96,715	-	-	-	96,715	-	-
11115		Ebbetts Pass Larkspur PS Rehab / Electrical	1,500,000	-	1,500,000	-	-	250,000	-	-	-	-
	Jenny Lind / Wallace											
11083J		Jenny Lind Clearwell #2	350,000	-	350,000	350,000	-	-	-	350,000	-	-
11088		Jenny Lind A-B Transmission Main	13,500,000	542,663	12,957,337	2,000,000	6,000,000	5,136,110	-	-	2,000,000	-
11119		Jenny Lind Tanks A, B, E & F Rehabilitation	1,500,000	-	1,500,000	-	-	-	-	-	-	-
11131		Jenny Lind WTP - Rehab Filters 1 & 2	960,000	618	959,382	510,000	-	-	150,000	360,000	-	-
11083W		Wallace Tanks	1,500,000	7,020	1,500,000	-	-	-	-	-	-	-
	West Point / Wilseyville / Vallecito											
11106		West Point Backup Filter	2,380,000	1,527,801	852,199	530,000	-	-	-	530,000	-	-
		West Point Regulator Repair/Tule Removal	200,000	-	200,000	200,000	-	-	-	200,000	-	-
	Other											
11083W		Tank Rehabilitation Program	6,000,000	-	1,500,000	-	-	-	-	-	-	-
			-	-	-	-	-	-	-	-	-	-
		Total Water Projects	**$ 59,923,237**	**$ 6,157,528**	**$ 49,272,729**	**$ 10,986,715**	**$ 10,750,000**	**$ 8,836,110**	**$ 2,536,443**	**$ 2,336,715**	**$ 4,613,557**	**$ 1,500,000**

Capital Improvement Program
Schedule of Cash Flow - Wastewater Projects
FY 2023-24 thru FY 2025-26

Project No.	*Service Area*	Wastewater Projects Project Description	Project Budget	Expenses to Date	Current Balance	Cash Flow			Funding FY 23-24			
						FY 23-24	FY 24-25	FY 25-26	Expansion Funds	Capital R & R	CIP Loan	Grants
	Arnold / Forest Meadows											
15095		Arnold Secondary Clarifier/WWTP Improvements	8,000,000	500,000	7,500,000	1,000,000	3,875,000	2,975,000	900,000	100,000	-	-
15106		FM UV Disinfection System Replacement	500,000	200,000	300,000	300,000	-	-	200,000	100,000	-	-
		Arnold Lift Station 2 & 3 Rehabilitation	500,000	-	500,000	-	-	-	-	-	-	-
	Copper Cove											
15076		CC Lift Station 6, 8 & Force Main Bypass	5,500,000	3,000,000	2,500,000	3,000,000	-	-	-	-	3,000,000	-
15080		CC Lift Station 15 & 18 Rehab/Replacement	3,600,000	1,000,000	2,600,000	3,100,000	-	-	-	2,384,434	715,566	-
15094		CC Tertiary, DAF, and UV Improvements	1,996,190	600,000	1,396,190	735,238	1,010,952	-	735,238	-	-	-
15112		CC Pond 6 Dam Raise	4,543,810	500,000	4,043,810	667,619	1,838,095	1,838,096	-	667,619	-	-
		CC Lower/Upper X-Country Gravity/Force Main	1,000,000	-	1,000,000	-	-	500,000	-	-	-	-
	La Contenta / Wallace											
15087		Wallace Treatment Plant Renovation	50,000	188,550	(138,550)	-	-	-	-	-	-	-
15097		LC Biolac, Clarifier, & UV Improvements	5,500,000	1,717	5,498,283	500,000	-	-	350,000	150,000	-	-
TBD		Huckleberry Lift Station Improvements	1,123,038	-	1,123,038	-	1,123,038	-	-	-	-	-
	West Point / Wilseyville / Vallecito											
15091		West Point/Wilseyville Consolidation Project	10,000,000	1,801,611	8,198,389	5,000,000	-	-	-	-	-	5,000,000
15111		Vallecito WWTP - System Improvements	100,000	50,204	49,796	-	-	-	-	-	-	-
	Other											
15109		Collections System Rehab and I&I Mitigation	850,000	37,455	812,545	150,000	150,000	150,000	-	150,000	-	-
			-	-	-	-	-	-	-	-	-	-
		Total Wastewater Projects	**$ 43,263,038**	**$ 7,879,537**	**$ 35,383,501**	**$ 14,452,857**	**$ 7,997,085**	**$ 5,463,096**	**$ 2,185,238**	**$ 3,552,053**	**$ 3,715,566**	**$ 5,000,000**
	TOTAL WATER & WASTEWATER PROJECTS		**$ 103,186,275**	**$ 14,037,065**	**$ 84,656,230**	**$ 25,439,572**	**$ 18,747,085**	**$ 14,299,206**	**$ 4,721,681**	**$ 5,888,768**	**$ 8,329,123**	**$ 6,500,000**

Calaveras County Water District
Proposed FY 2023-24 Personnel Allocation

Department	Full Time Position	FY 2021-22	FY 2022-23	FY 2023-24
Administrative Services	Accountant I/II	2	1	1
	Accounting Technician I/II	1	1	1
	Business Services Manager	0	1	1
	Customer Service Representative I/II/III/SR	3	3	3
	Customer Service Supervisor	1	0	0
	Director of Administrative Services	1	1	1
	External Affairs Manager[+]	1	1	**0**
	Information System Administrator	1	1	1
	Information System Technician	0	1	1
	Succession IT Admin (2 Months)	0.17	0	0
59 – Administrative Services Total		**10.17**	**10**	**9**
Engineering/Technical Services	Construction Inspector I/II/III/SR	1	1	1
	Construction/ Inspection - Senior Supervisor	1	1	1
	District Engineer	1	1	1
	Engineer - Associate, Civil, Senior	3	3	3
	Engineering Coordinator	1	1	1
	Engineering Technician	1	1	1
58 – Engineering/Technical Services Total		**8**	**8**	**8**
General Management	Executive Assistant/Clerk to the Board	1	1	1
	External Affairs Manager[+]	0	0	**1**
	General Manager	1	1	1
	Human Resources Manager	1	1	1
	Human Resources Technician	1	1	1
General Management Total		**4**	**4**	**5**
Utility Services	Administrative Technician I/II/Sr	1	1	1
	Collection System Worker I/II/III/IV/Sr	5	5	5
	Construction and Maintenance Manager	1	1	1
	Construction Worker I/II/III/Sr	7	6	6
	Director of Operations	1	1	1
	Distribution Worker I/II/III/IV/Sr	9	9	9
	Electrical/Instrumentation Tech I/II/Sr	1	2	2
	Electrical/SCADA Senior Supervisor	1	1	1
	Facilities Maintenance Worker	1	1	1
	Mechanic I/II/Sr	3	3	3
	Operations, Senior Supervisor	4	4	4
	Plant Operations Manager	1	1	1
	Purchasing Agent	1	1	1
	SCADA Technician I/Sr	2	1	1
	Utility Worker I/II/Sr	3	4	4
	Water/Wastewater Plant Operator [++]	10	**10.25**	**10.25**
Utility Services Total		**51**	**51.25**	**51.25**
Water Resources	Manager of Water Resources	1	1	1
	Water Resources Technician	0	1	1
Water Resources Total		**1**	**2**	**2**
Total Personnel Allocation		74.17	75.25	75.25

* Customer Service Representative Temp position ends June 30, 2024

++ Addition of 0.25 Temp Employee to cover employee on leave per Res. No. 2023-___

+ External Affairs Manager moved from Dept. 59 to 56 per Res. No. 2023-___

Calaveras County Water District
Proposed FY 2023-24 Personnel Allocation

Department	Full Time Position	FY 2021-22	FY 2022-23	FY 2023-24
Administrative Services	Accountant I/II	2	1	1
	Accounting Technician I/II	1	1	1
	Business Services Manager	0	1	1
	Customer Service Representative I/II/III/SR	3	3	3
	Customer Service Supervisor	1	0	0
	Director of Administrative Services	1	1	1
	External Affairs Manager[+]	1	1	**0**
	Information System Administrator	1	1	1
	Information System Technician	0	1	1
	Succession IT Admin (2 Months)	0.17	0	0
59 – Administrative Services Total		**10.17**	**10**	**9**
Engineering/Technical Services	Construction Inspector I/II/III/SR	1	1	1
	Construction/ Inspection - Senior Supervisor	1	1	1
	District Engineer	1	1	1
	Engineer - Associate, Civil, Senior	3	3	3
	Engineering Coordinator	1	1	1
	Engineering Technician	1	1	1
58 – Engineering/Technical Services Total		**8**	**8**	**8**
General Management	Executive Assistant/Clerk to the Board	1	1	1
	External Affairs Manager[+]	0	0	**1**
	General Manager	1	1	1
	Human Resources Manager	1	1	1
	Human Resources Technician	1	1	1
General Management Total		**4**	**4**	**5**
Utility Services	Administrative Technician I/II/Sr	1	1	1
	Collection System Worker I/II/III/IV/Sr	5	5	5
	Construction and Maintenance Manager	1	1	1
	Construction Worker I/II/III/Sr	7	6	6
	Director of Operations	1	1	1
	Distribution Worker I/II/III/IV/Sr	9	9	9
	Electrical/Instrumentation Tech I/II/Sr	1	2	2
	Electrical/SCADA Senior Supervisor	1	1	1
	Facilities Maintenance Worker	1	1	1
	Mechanic I/II/Sr	3	3	3
	Operations, Senior Supervisor	4	4	4
	Plant Operations Manager	1	1	1
	Purchasing Agent	1	1	1
	SCADA Technician I/Sr	2	1	1
	Utility Worker I/II/Sr	3	4	4
	Water/Wastewater Plant Operator [++]	10	**10.25**	**10.25**
Utility Services Total		**51**	**51.25**	**51.25**
Water Resources	Manager of Water Resources	1	1	1
	Water Resources Technician	0	1	1
Water Resources Total		**1**	**2**	**2**
Total Personnel Allocation		74.17	75.25	75.25

* Customer Service Representative Temp position ends June 30, 2024

++ Addition of 0.25 Temp Employee to cover employee on leave per Res. No. 2023-___

+ External Affairs Manager moved from Dept. 59 to 56 per Res. No. 2023-___

RESOLUTION NO. 2023-

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

ADOPTING THE FISCAL YEAR 2023-24 OPERATING AND CAPITAL IMPROVEMENT PROGRAM BUDGET

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT Has reviewed the projected revenues and expenditures for the 2023-24 fiscal year: and

WHEREAS, the Board of Directors has, as a result of the review, identified those programs and expenditures that will be most beneficial to the needs of the CALAVERAS COUNTY WATER DISTRICT.

NOW, THEREFORE BE IT RESOLVED, by the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT that the Fiscal Year 2023-24 Operating Budget in the amount of $26,685,233 is hereby approved and adopted.

BE IT FURTHER RESOLVED, by the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT that the Fiscal Year 2023-24 Capital Improvement Program (CIP) Budget in the amount of $25,439,572 is hereby approved and adopted.

PASSED AND ADOPTED this 28th day of June 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

RESOLUTION NO. 2023-

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

ADOPTING THE FISCAL YEAR 2023-24 PERSONNEL ALLOCATION

WHEREAS, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT Has reviewed the projected revenues and expenditures for the 2023-24 fiscal year: and

WHEREAS, the Board of Directors has, as a result of the review, identified those programs and expenditures that will be most beneficial to the needs of the CALAVERAS COUNTY WATER DISTRICT.

WHEREAS, the Board of Director approved and adopted the Fiscal Year 2023-24 Operating Budget on June 28, 2023.

NOW, THEREFORE BE IT RESOLVED, by the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT that the Fiscal Year 2023-24 Personnel Allocation, attached hereto and made a part hereof, is hereby approved and adopted.

PASSED AND ADOPTED this 28th day of June 2023 by the following vote:

AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Russ Thomas, Vice-President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board

NOTICE OF PUBLIC HEARING CONCERNING ADOPTION OF FISCAL YEAR 2023-24 OPERATING BUDGETS AND CAPITAL IMPROVEMENT PLAN BUDGETS FOR THE CALAVERAS COUNTY WATER DISTRICT

NOTICE is hereby given that at its Regular Meeting of June 28, 2023, at approximately 1:00 p.m., at its Board Room located at 120 Toma Court, San Andreas, California, the Board of Directors of the Calaveras County Water District will consider the adoption of its Operating and Capital Improvement Plan Budgets for Fiscal Year 2023-24. The proposed Fiscal Year 2023-24 Operating and Capital Improvement Plan Budgets can be viewed by visiting www.ccwd.org or copies may be obtained at the Calaveras County Water District office at 120 Toma Court, San Andreas. Interested parties are invited to make oral presentations or send written comments to: Calaveras County Water District, 120 Toma Court, San Andreas, CA 95249.

(*To be published in the Valley Springs News June 16 and June 23, 2023)*