

CALAVERAS PUBLIC UTILITY DISTRICT
506 W. St. Charles, Street San Andreas, CA 95249

BOARD OF DIRECTORS REGULAR MEETING: 3:00 PM
August 9, 2022

President J.W. Dell 'Orto
President of the Board

Director Richard Blood
Director Jack Tressler

Director Brady McCartney

Calaveras Public Utility District hereby provides notice that it will convene its regularly scheduled public meetings of the Board of Directors at the District Office. Due to space limitations in the Board meeting room and in light of the continuing pandemic, we encourage the public to attend remotely as follows:

- **Join the Conference Call meeting**
- **Dial-in number (US): 1(669)900-9128**
- **Join the online ZOOM meeting:**
<https://us02web.zoom.us/j/81514083058?pwd=UWdBT0FOMHIQRIBzQUNtZnZVcHdEUT09>
- **Meeting ID: 815 1408 3058**
- **Meeting Passcode code: 075725**

Please mute your call before joining. This will limit technical difficulties with audio. Only unmute your call if the President has requested public comment on an item. Upon completing your comments, please mute your call again. Do not put the call on hold, as hold music can ruin the call for all other participants. If that occurs, or in the event of disruptive conduct, staff reserves the right to disconnect that caller. Do no talk over the top of any other callers. Conversations must be

AGENDA

1. CALL THE MEETING TO ORDER

2. ROLL CALL OF DIRECTORS

- a. President J.W. Dell 'Orto
- b. Director Richard Blood
- c. Director Brady McCartney
- d. Director Jack Tressler

3. PLEDGE OF ALLEGIANCE

4. PUBLIC COMMENT (Limit: 3 min/person)

At this time, members of the public may address the Board on any matter within its jurisdiction which is not on the agenda. The public is encouraged to work with 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 3 minutes per person.

5. **RESOLUTION NO. 2022-24: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY THE GOVERNOR ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT FOR THE PERIOD AUGUST 9, 2022 to SEPTEMBER 9, 2022 PURSUANT TO BROWN ACT PROVISIONS.**

Action Requested: Roll Call Vote

Approval of Resolution No. 2022-24 Declaring and Re-ratifying the State of Emergency and Authorizing Remote Teleconference Meetings of the Board of Directors Due to the Covid-19 Emergency.

6. **CONSENT ITEMS**

Consent items should be considered together as one motion. Any item(s) requested to be removed will be considered after the motion to approve the Consent Items.

- a. June 14, 2022 Meeting Minutes
- b. July 12, 2022 Meeting Minutes
- c. Claim Summary

Action: Roll call Vote

Consider motion to approve consent items.

ITEMS FOR BOARD DISCUSSION AND/OR ACTION

Board action may occur on any identified agenda item. Any member of the public may directly address the Board on any identified agenda item of interest, either before or during the Board's consideration of that item.

7. **WATER CAPACITY AND CONNECTION FEES STUDY AND INTRODUCTION OF RESOLUTION 2022-25 ESTABLISHING WATER CAPACITY AND CONNECTION FEES**

Action Requested: Notice and Schedule Public Hearing of Resolution 2022-25

- a. Review Final Draft of the Water Capacity and Connection Fees Study prepared by Hansford Economic Consulting LLC.
- b. Catherine Hansford to present PowerPoint and answer questions regarding the Water Capacity and Connection Fees Study.
- c. Introduce Resolution 2022-25 Establishing Water Capacity and Connection Fees.

d. Direct staff to notice and schedule public hearing for September 13, 2022 during the regular meeting of the Board of Directors to consider adoption of Resolution 2022-25 and publication of the proposed resolution on the District's website and in a newspaper of general circulation in the District.

**8. CALAVERAS LAFCO RECRUITMENT FOR SPECIAL DISTRICT
ALTERNATE BOARD MEMBER**

Action Requested: Discussion

Discuss Ballot for Independent Special District Representatives on LAFCO.

**9. SELECTION OF WATER RATE CONSULTANT TO PERFORM RATE STUDY
AND AUTHORIZE GENERAL MANAGER TO EXECUTE PROFESSIONAL
SERVICES AGREEMENT WITH LECHOWICZ & TSENG MUNICIPAL
CONSULTANTS**

Action Requested: Roll Call Vote

- a. Review proposal from Lechowicz & Tseng Municipal Consultants and Discussion with Temporary Advisory Committee regarding its recommendation and review of proposals submitted in response to the District's RFP.
- b. Presentation by Allison Lechowicz of Lechowicz & Tseng Municipal Consultants.
- c. Consideration of Approval of Professional Services Agreement with Lechowicz & Tseng Municipal Consultants as recommended by the Temporary Advisory Committee.

10. REPORTS

The purpose of these reports is to provide information on projects, programs, staff actions, and committee meetings that are of general interest to the Board and public. No decisions are to be made on these issues.

- a. Legal Counsel's Report
- b. Water System Superintendent's Report
- c. Engineer's Report
- d. General Manager's Report
- e. Director's Comments: Directors may make brief announcements or brief reports on their own activities. They may ask questions for clarification, make a referral to staff or take action to have staff place a matter of business on a future agenda.

11. CLOSED SESSION

CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

CPUD designated representatives: Travis Small, General Manager and Adam Brown, General Counsel

Employee organization: SEIU Local 1021

12. **ADJOURNMENT**

If there is no other Board business the President will adjourn to its next regular meeting scheduled for September 13, 2022, at 3:00 p.m.

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Office at (209) 754-9442. Notification in advance of the meeting will enable CPUD 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 CPUD for review by the public.

RESOLUTION NO. 2022-24

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RERATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY THE GOVERNOR ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT FOR THE PERIOD AUGUST 9 2022 TO SEPTEMBER 9,2022 PURSUANT TO BROWN ACT PROVISIONS.

WHEREAS, the Calaveras Public Utility District (the “District”) is committed to preserving and nurturing public access and participation in meetings of the Board of Directors; and

WHEREAS, all meetings of the District’s Board of Directors are open and public, as required by the Ralph M. Brown Act (Cal. Gov. Code 54950 – 54963), so that any member of the public may attend, participate, and watch the District’s Board of Directors conduct their business; and

WHEREAS, the Brown Act, Government Code section 54953(e), makes provision for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and

WHEREAS, a required condition is that a state of emergency is declared by the Governor pursuant to Government Code section 8625, proclaiming the existence of conditions of disaster or of extreme peril to the safety of persons and property within the state caused by conditions as described in Government Code section 8558; and

WHEREAS, a proclamation is made when there is an actual incident, threat of disaster, or extreme peril to the safety of persons and property within the jurisdictions that are within the District’s boundaries, caused by natural, technological or human-caused disasters; and

WHEREAS, it is further required that state or local officials have imposed or recommended measures to promote social distancing, or, the legislative body meeting in person would present imminent risks to the health and safety of attendees; and

WHEREAS, the Board of Directors previously adopted a Resolution, Number 2021-10 on September 27, 2021, finding that the requisite conditions exist for the District’s Board of Directors to conduct remote teleconference meetings without compliance with paragraph (3) of subdivision (b) of section 54953; and

WHEREAS, as a condition of extending the use of the provisions found in section 54953(e), the Board of Directors must reconsider the circumstances of the state of emergency that exists in the District, and the Board of Directors has done so; and

WHEREAS, the Board of Directors reconsidered the circumstances of the state of emergency that exists in the District and adopted Resolution No. 2022-24 reaffirming the continued state of

emergency in the District and reauthorizing remote meetings of Board of Directors meetings through September 9, 2022; and

WHEREAS, emergency conditions persist in the District, specifically, the State of Emergency declared by the Governor on March 4, 2020 due to the Covid-19 pandemic; and

WHEREAS, guidance from the State of California, which has been followed by the Calaveras County Department of Public Health, recommends or mandates social distancing and face coverings in certain settings to prevent the spread of Covid-19; and

WHEREAS, the Board of Directors does hereby find that that the rise in SARS-CoV-2 Delta Variant during the Covid-19 pandemic has caused, and will continue to cause, conditions dangerous to the safety of persons within the District that are likely to be beyond the control of services, personnel, equipment, and facilities of the District, and desires to affirm a local emergency exists and re-ratify the proclamation of state of emergency by the Governor of the State of California; and

WHEREAS, as a consequence of the local emergency persisting, the Board of Directors does hereby find that the Board of Directors of the District shall continue to conduct its meetings without compliance with paragraph (3) of subdivision (b) of Government Code section 54953, as authorized by subdivision (e) of section 54953, and that such legislative bodies shall continue to comply with the requirements to provide the public with access to the meetings as prescribed in paragraph (2) of subdivision (e) of section 54953; and

WHEREAS, the District has implemented virtual meeting protocols which comply with the requirements of paragraph (2) of subdivision (e) of section 54953, by providing for public participation through online meeting attendance and the opportunity to provide comment during the Board meeting both verbally or via email.

NOW, THEREFORE, THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT DOES HEREBY RESOLVE AS FOLLOWS:

Section 1. Recitals. The Recitals set forth above are true and correct and are incorporated into this Resolution by this reference.

Section 2. Affirmation that Local Emergency Persists. The Board of Directors hereby considers the conditions of the state of emergency in the District and proclaims that a local emergency persists throughout the District, and Covid-19 has caused, and will continue to cause, an unreasonable risk of harm to the safety of persons within the District that are likely to be beyond the control of the services, personnel, equipment and facilities of the District.

Section 3. Re-ratification of Governor's Proclamation of a State of Emergency. The Board hereby ratifies the Governor of the State of California's Proclamation of State of Emergency, effective as of its issuance date of March 4, 2020.

Section 4. Remote Teleconference Meetings. The General Manager and Board of Directors are hereby authorized and directed to take all actions necessary to carry out the intent and purpose of

this Resolution including, continuing to conduct open and public meetings in accordance with Government Code section 54953(e) and other applicable provisions of the Brown Act.

Section 5. Effective Date of Resolution. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) August 9, 2022, or such time as the Board of Directors adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the Board of Directors of the District may continue to teleconference without compliance with paragraph (3) of subdivision (b) of section 54953.

PASSED AND ADOPTED by the Board of Directors of the Calaveras Public Utility District this 9th day of August, 2022, by the following vote:

AYES:

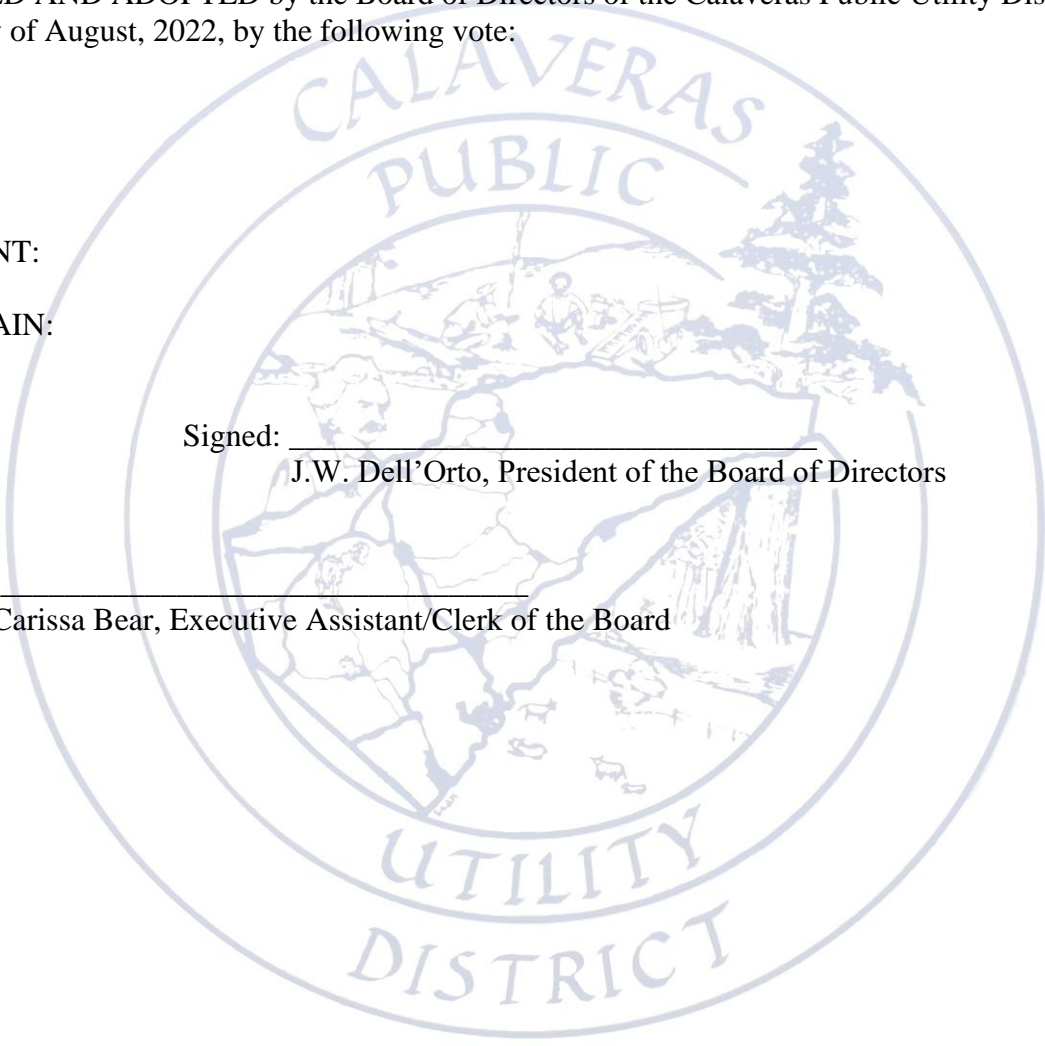
NOES:

ABSENT:

ABSTAIN:

Signed: _____
J.W. Dell'Orto, President of the Board of Directors

Attest: _____
Carissa Bear, Executive Assistant/Clerk of the Board



CALAVERAS PUBLIC UTILITY DISTRICT

June 14, 2022

Regular Meeting

3:00 pm

DIRECTORS PRESENT: J.W. Dell'Orto
Richard Blood
Brady McCartney

MEMBERS ABSENT: Jack Tressler

STAFF PRESENT: Travis Small, General Manager
Adam Brown, District Legal Counsel*
Carissa Bear, Clerk of the Board
Mathew Roberts, Water System Superintendent
Tyla Daries, District Engineering Technician

OTHERS PRESENT: Scott Ratterman
Michael Minkler

1. CALL THE MEETING TO ORDER: The regular meeting was called to order by President Dell'Orto at 3:06 P.M.
2. ROLL CALL OF DIRECTORS: Directors Dell'Orto, Blood, and McCartney, were present. Director Tressler was absent.
3. PLEDGE OF ALLEGIANCE
4. PUBLIC COMMENT (Limit 3 minutes per person/15 minutes per subject): Travis Small, General Manager asked if President Dell'Orto could move agenda item #11 to above agenda #7. President Dell'Orto agreed to order change.
5. RESOLUTION NO. 2022-11: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY THE GOVERNOR ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT FOR THE PERIOD JUNE 14, 2022 to JULY 14, 2022 PURSUANT TO BROWN ACT PROVISIONS.

A motion was made by Director McCartney, seconded by Director Blood to approve Resolution No. 2022-11. A roll call vote was taken. Directors Dell'Orto, Blood and McCartney voted yes; none opposed. Motion carried 3-0.

6. CONSENT ITEMS
 - a. Minutes of Regular Board meeting of May 10, 2022
 - b. Minutes of Special Board meeting of May 19, 2022
 - c. Minutes of Special Board meeting of May 24, 2022

d. Claim Summary

President Dell'Orto commented on the amount of the claim summary, stating that it was larger than normal. Mr. Small informed the Board that the larger claim summary was expected, as we paid a progress pay for the Clearwell Tank Project as well as the office furniture deposit. A motion was made by Director McCartney, seconded by Director Blood, to approve item 6. a-d. A roll call vote was taken. Directors Dell'Orto, Blood, and McCartney voted yes; none opposed. Motion carried 3-0.

11. CALAVERAS COUNTY WATER DISTRICT WATER SALES AGREEMENT

Mr. Small went over the 5-year agreement with the Board. Director Blood expressed his concerns about the using the word "take", he'd prefer for it to say "purchase". Michael Minkler, Calaveras County Water District's (CCWD) General Manager agreed to make the change. The Board and Mr. Minkler discussed the terms of the agreement in depth. Mr. Minkler expressed his appreciation for the dialog between the Board and himself and let the Board know that he would be taking it to the CCWD's Board for their review. A motion was made by Director McCartney, seconded by Director Blood, to approve Resolution 2022-15 Approving Surface Water Sale Agreement with CCWD. A roll call vote was taken. Directors Dell'Orto, Blood, and McCartney voted yes; none opposed. Motion carried 3-0.

7. DISTRICT SURPLUS PROPERTY OFFICE FURNITURE

Mr. Small went over the few items that the District will surplus during the office remodel. The list of items will be posted on the District's website. If nobody bids on the items, the furniture company will remove it at a cost. A motion was made by Director McCartney, seconded by Director Blood, to approve Resolution 2022-12 Resolution to Dispose of District Surplus Items. A roll call vote was taken. Directors Dell'Orto, Blood, and McCartney voted yes; none opposed. Motion carried 3-0.

8. CLEARWELL TANK PROJECT PHASE I

Mr. Small reported to the Board that Campbell Construction finished their work. Director Blood asked how the Notice of Completion is posted for the public. Ms. Daries informed him that it is filed with the County. Director Blood informed the Clerk of the Board that the resolution number was incorrect. The board took a quick recess in order to get the resolution number corrected. A motion was made by Director Blood, seconded by Director McCartney, to approve Resolution 2022-13 Notice of Completion – Campbell Construction. A roll call vote was taken. Directors Dell'Orto, Blood, and McCartney voted yes; none opposed. Motion carried 3-0.

9. 2021/2022 FISCAL YEAR BUDGET REVIEW

Mr. Small gave a summary of the current 2021/2022 Fiscal Year Budget. He informed the Board that the audit will be done in the fall of this year. Mr. Small noted that if the debt expenditures and capital outlay are backed out, that the District would be back in the positive. Going off these numbers, the District is inline with the last rate study.

10. CONSIDERATION OF ADOPTION OF FISCAL YEAR 2022/23 BUDGET

Mr. Small gave an overview of the proposed Fiscal Year 2022/23 Budget. He informed the Board that the backhoe has a lot of issues and is not in compliance with Cal OSHA. He believes leasing a backhoe will be the best option. Director Blood had questions regarding leasing compared to purchasing, Mr. Small answered his questions. Mr. Small is working on the budget layout and is hoping to be able to submit it to ACWA/JPIA for a transparency award in the future. Director Blood

inquired about a SCADA line item; Mr. Small clarified. Director Blood requested a chronology of work to be performed in connection with the SCADA. Mr. Small will work with WGA on a timeline. A motion was made by Director McCartney, seconded by Director Blood to approve Resolution No. 2022-14 Adopting Budget for Fiscal Year 2022/23. A roll call vote was taken. Directors Dell'Orto, Blood and McCartney voted yes; none opposed. Motion carried 3-0.

*Adam Brown, District Legal Counsel entered the meeting at 4:23 p.m.

12. REPORTS

a. Legal Counsel's Report

Nothing to report.

b. Water System Superintendent's Report

Mathew Roberts, Water System Superintendent, presented a slideshow of photos from the month of May. He gave a brief overview of the Monthly Maintenance Report. Jeff Davis Reservoir is 6" below spill. The crew repaired a 6" main leak at Churchill Rd. in San Andreas, a 6" main leak at the ball park in Mokelumne Hill, and a 2" main leak on Mareta Ln. in Mokelumne Hill. Two '1" service line renews were done in the Boston Yale subdivision in Mokelumne Hill. Two new service installs were complete with two still pending. California Highway Patrol inspection has been complete which is done every 6 years.

c. District Engineer Report

Ms. Daries presented a PowerPoint showing the progress done in the month of May on the Clearwell Tank Project. November 7, 2022 is projected completion date of the construction of the tank. WGA is closely tracking supplies; everything is good so far.

The District Engineer's report was covered in Item 7.

d. General Manager's Report

Mr. Small's report was mostly covered with the budget. He did report that the District has received two public record requests and he has responded to both.

e. Director's Comments:

Director Blood and Mr. Small attended the CAMRA meeting. CPUD has offered to provide the Board Secretary while CCWD will continue to host the meetings. Ms. Bear will act as the CAMRA Board Secretary. Director Blood gave an overview of the CAMRA meeting.

* The Board went into closed session at 5:50 pm

13. CLOSED SESSION

CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

CPUD designated representatives: Travis Small, General Manager and Adam Brown, General Counsel

Employee organization: SEIU Local 1021

The Board heard and discussed a report from the District's labor negotiators. No action was taken.

14. ADJOURNMENT

There being no further business to come before the Board, President Dell'Orto adjourned the meeting at 6:54pm.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read 'Car B', with a long horizontal flourish extending to the right.

Carissa Bear, Clerk of the Board

DRAFT

Regular Meeting

3:00 pm

DIRECTORS PRESENT: J.W. Dell'Orto
Richard Blood
Jack Tressler

MEMBERS ABSENT: Brady McCartney

STAFF PRESENT: Travis Small, General Manager
Adam Brown, District Legal Counsel
Carissa Bear, Clerk of the Board
Mathew Roberts, Water System Superintendent
Tyla Daries, District Engineering Technician

OTHERS PRESENT: Jamie Fox
David LeGrande
William Muenzburg (from Adam Brown's office)

1. CALL THE MEETING TO ORDER: The regular meeting was called to order by President Dell'Orto at 3:03 P.M.

2. ROLL CALL OF DIRECTORS: Directors Dell'Orto, Blood, and Tressler were present. Director McCartney was absent.

3. PLEDGE OF ALLEGIANCE

4. PUBLIC COMMENT (Limit 3 minutes per person/15 minutes per subject): None

5. RESOLUTION NO. 2022-16: A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT PROCLAIMING A LOCAL EMERGENCY PERSISTS, RE-RATIFYING THE PROCLAMATION OF A STATE OF EMERGENCY BY THE GOVERNOR ON MARCH 4, 2020, AND RE-AUTHORIZING REMOTE TELECONFERENCE MEETINGS OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT FOR THE PERIOD JULY 12, 2022 to AUGUST 12, 2022 PURSUANT TO BROWN ACT PROVISIONS.

A motion was made by Director Blood, seconded by Director Tressler, to approve Resolution No. 2022-16. A roll call vote was taken. Directors Dell'Orto, Blood, and Tressler voted yes; none opposed. Motion carried 3-0.

6. CONSENT ITEMS

a. Claim Summary

Travis Small, General Manager advised the Board that the minutes for the June meeting were not complete due to office remodel and move and would be ready for consideration at the August Board meeting. Mr. Small answered all questions the Board had regarding the claim summary. A motion

was made by Director Tressler, seconded by Director Blood, to approve item 6a. A roll call vote was taken. Directors Dell'Orto, Blood, and Tressler voted yes; none opposed. Motion carried 3-0.

7. APPOINTMENT OF TEMPORARY ADVISORY COMMITTEE TO REVIEW PROPOSITION 218 CONSULTANT PROPOSALS

Mr. Small informed the Board that the District received four proposals from consultants to perform a rate study and evaluation for the District. He requested President Dell'Orto to appoint two Board Members to collaborate with staff to evaluate the proposals. President Dell'Orto appointed himself and Director Blood to serve on the advisory committee to review Proposition 218 consultant proposals.

8. POTENTIAL LINE EXTENSION – SUNSHINE LANE (HERTZIG)

Mr. Small reported to the Board that Mr. Hertzig had reached out to the District requesting to be placed on the agenda to discuss a potential line extension in Mokelumne Hill. Mr. Small had reached out to Mr. Hertzig for more information but unfortunately was not able to make contact with him. Director Blood informed the Board that he had been in contact with Mr. Hertzig in the past with the hopes of getting the water line down Sunshine Lane, but nothing materialized. Director Blood stated that he does not have a public utility easement down Sunshine Lane, but he does have a prescriptive easement. President Dell'Orto asked Mr. Small to look into the District's regulations for adding more lines in that area as he was under the impression that more lines were not supposed to be in that area. Mr. Small will look into it. Jamie Fox and David LeGrande, who are property owners in the area, appeared via Zoom and spoke about their needs for this line extension. Mr. Small advised the Board that this is all informational at this time, as the first step Mr. Hertzig would need to take would be submitting plans to the District for a line extension.

9. 2018 MOKELUMNE-AMADOR-CALAVERAS (MAC) INTEGRATED REGIONAL WATER MANAGEMENT (IRWM) PLAN AND SUBSEQUENT 2022 ADDENDUM

Mr. Small notified the Board that the District needs to adopt the Mokelumne-Amador-Calaveras (MAC) Integrated Regional Water Management (IRWM) Plan and Subsequent 2022 Addendum in order to obtain funding for the backwash recycle plan. A motion was made by Director Tressler, seconded by Director Blood, to approve Resolution 2022-17 Adopting the 2018 MAC IRWM Plan. A roll call vote was taken. Directors Dell'Orto, Blood, and Tressler voted yes; none opposed. Motion carried 3-0.

10. MOKELUMNE HILL SANITARY DISTRICT FEES

Mr. Small advised Board that a fee increase is needed to recapture the fee associated with handling Mokelumne Hill Sanitary District's (MHSD) billing. Director Tressler inquired as to how the increase was determined, which began a discussion concerning whether the rate increase was enough to cover the District's costs. The Board members present agreed that the overall fee looked low. Director Tressler asked for a procedure to be put in place to better determine the actual cost of doing MHSD's billing. He would like to see 90 days' worth of data. Mr. Small informed the Board that he will bring this information back to the Board in December. A motion was made by Director Tressler, seconded by Director Blood, to accept the proposal for the remainder of this calendar year and in December for the Board to reassess the fees moving forward. A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

11. CALAVERAS PUBLIC UTILITY DISTRICT PAYROLL SCHEDULE

Mr. Small informed the Board that with the possibility of moving to a 9/80 schedule that the District would like to switch to a bi-weekly pay period. The District will be switching payroll services as well. A motion was made by Director Tressler, seconded by Director Blood, to approve Resolution 2022-18 A Resolution Changing the District's Payroll Schedule from Semi-Monthly to Bi-Weekly. A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

12. CALAVERAS COUNTY WATER DISTRICT WATER SALES AGREEMENT

Mr. Small signed the Water Sale Agreement between Calaveras County Water District and Calaveras Public Utility District containing the verbiage change per the Board's request. Director Blood asked for Adam Brown, District Legal Counsel, for his clarification on the verbiage in the agreement, Mr. Brown clarified. This was an information item, and no action was taken.

13. WATER CONSERVATION

Mr. Small reported to the Board that he and Ms. Bear attended this month's Calaveras Conserves meeting at the Calaveras County Water District's office. At that meeting neighboring water agencies reported what steps they are taking to conserve water. Currently all neighboring agencies are asking for voluntary conservation from their customers. Mr. Small is recommending that the Board approve the resolution asking the District's customers to voluntarily conserve 20%. A motion was made by Director Tressler, seconded by Director Blood, to approve Resolution 2022-19 Voluntary Water Conservation. A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

14. DRINKING WATER PLANNING GRANT

Mr. Small reported to the Board that after 3-4 long years, the District has finally received the grant agreement for the Jeff Davis Water Treatment Plant Improvement Project for him to sign. Director Blood asked what this grant money can be used towards, Mr. Small clarified. Mr. Brown noticed an error in the resolution number on the actual resolution. Ms. Bear noted the correction to be made. A motion was made by Director Tressler, seconded by Director Blood, to approve Resolution 2022-20 A Resolution Authorizing the General Manager to Execute Agreement No. D2102034 with State Water Resource Control Board For \$483,000 in Project Funding for the Jeff Davis Water Treatment Plant Improvement Project. A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

15. BACKWASH RECYCLE PROJECT GRANT FUNDING

Back in January, Mr. Small informed the Board that the District was approved for a grant for the backwash recycle project. Unfortunately, the amount of the grant will not cover the whole project. Mr. Small would like the Board to pass the resolutions allowing him to go out and look for more funding. Director Blood noted that having a resolution approved by the Board helps the grant providers to know that the Board backs the project. It allows the District to be moved up on the wait list. A motion was made by Director Blood, seconded by Director Tressler, to approve Resolution 2022-21 A Resolution Authorizing the General Manager to Pursue Grant Funding From Integrated Regional Water Management (IRWM) and Resolution 2022-22 A Resolution Authorizing the

General Manager to Pursue Grant Funding From the United States Department of Agriculture (USDA). A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

16. RICH GULCH TRANSMISSION MAIN REPLACEMENT

This resolution gives Mr. Small authorization to apply for State Revolving Fund (SRF) funding for the Rich Gulch Transmission Main Replacement project. Once the project is funded, he will bring it back to the Board for planning. A motion was made by Director Tressler, seconded by Director Blood, to approve Resolution 2022-23 A Resolution Authorizing the General Manager to Pursue Grant Funding From the State Revolving Fund (SRF). A roll call vote was taken. Directors Dell'Orto, Blood and Tressler voted yes; none opposed. Motion carried 3-0.

17. REPORTS

a. Legal Counsel's Report

Mr. Brown stated that his report would be covered in closed session.

b. Water System Superintendent's Report

Mathew Roberts, Water System Superintendent, started off by thanking the whole CPUD staff for helping with the office remodel. A lot of effort and time went into it. It was an entire group effort, and he expressed his sincere appreciation for the staff. He went on to give a brief overview of the Monthly Maintenance Report. Jeff Davis Reservoir is 2' below spill. The South Fork Pump Station is currently shut off and is not expected to be turned back on until the fall/winter. Director Blood noted that the raw water customers' usage is lower than normal. Mr. Roberts noticed that as well. There is still water in the penstock, so he is not sure why the consumption declined. The crew repaired a main line leak and installed one new service connection in San Andreas. The Crew repaired two main line leaks in Paloma. One new service connection was installed in Rail Road Flat. The District currently has two water rights that are curtailed. The annual Emergency Action Report (EAR) has been completed and uploaded to the State. Director Tressler reported that he was approached by a gentleman in the Toyanza subdivision regarding a hydraulic spill. The gentleman expressed his frustration with the District. Mr. Roberts explained to Director Tressler that the District has been working with the County and had a contractor scheduled to do the paving but unfortunately, due to the recent Electra Fire, the job was delayed. The job should be completed next week.

c. District Engineer Report

Ms. Daries presented a PowerPoint showing the progress occurring in the month of June on the Clearwell Tank Project. She reported that since the last meeting all of the major welding has been completed. The painters have been mobilized. The contractor has started pot holing for the cutover plan. There are four cutover periods for this project.

d. General Manager's Report

Mr. Small reported that he has been working on the office remodel and is currently in the process of putting everything back together. The whole staff participated in the remodel, and it has been successful. He expressed his appreciation to the staff.

e. Director's Comments:

Director Blood will check with the County Elections Office about filing for the election.

* The Board went into closed session at 5:11 pm

18. CLOSED SESSION

CONFERENCE WITH LABOR NEGOTIATORS (Government Code Section 54957.6)

*CPUD designated representatives: Travis Small, General Manager and Adam Brown,
General Counsel*

Employee organization: SEIU Local 1021

The Board heard and discussed a report from the District's labor negotiators. No action was taken.

19. ADJOURNMENT

There being no further business to come before the Board, President Dell'Orto adjourned the meeting at 6:22pm.

Respectfully Submitted,



Carissa Bear, Clerk of the Board

CALAVERAS PUBLIC UTILITY DISTRICT

CLAIM SUMMARY # 766

DATE: July 2022

The claims listed on the schedules attached to this summary have been examined and found to be correct and proper demands against the Calaveras Public Utility District.

Claims Submitted	\$ 286,195.85
Payroll Submitted	\$ 52,185.98
P/R Tax Deposits	\$ 24,151.99
Board/Employee Reimb.	\$ 176.95
Sub-total	\$ 362,710.77

Net Additions	
Net Deductions	
Claim Summary Approved for	\$ 362,710.77



Clerk of the Board, Calaveras Public Utility District

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
A-1 Sharpening				
	07/26/2022	Flat Repair	5424 · T & D Equip. Repair & Oper.	25.00
Total A-1 Sharpening				<u>25.00</u>
ACWA-Health				
	07/11/2022	August Dental, Vision & Life	5643 · Medical Insurance	1,302.57
Total ACWA-Health				<u>1,302.57</u>
ACWA/JPIA- Property				
	07/26/2022	Property Program Renewal 7/1/2022 - 6/30/2023	5428 · T & D Insurance	29,787.46
Total ACWA/JPIA- Property				<u>29,787.46</u>
Alpha Analytical Labs, Inc.				
	07/07/2022	Lab Fees	5323 · Lab Fees	320.00
Total Alpha Analytical Labs, Inc.				<u>320.00</u>
American Fidelity Assurance				
	07/26/2022	125 Plan 5/1/2022 - 5/31/2022	5646 · 125 Plan	213.60
	07/26/2022	125 Plan 6/1/2022 - 6/30/2022	5646 · 125 Plan	213.60
Total American Fidelity Assurance				<u>427.20</u>
AT & T				
	07/07/2022	San Andreas Tank	5432 · T & D Misc. Maint. Utilities	55.81
	07/07/2022	Hydro #3 Garamendi	5432 · T & D Misc. Maint. Utilities	219.05
	07/07/2022	San Andreas Tank	5432 · T & D Misc. Maint. Utilities	217.15
Total AT & T				<u>492.01</u>
AT & T				
	07/26/2022	Hydro #3	5432 · T & D Misc. Maint. Utilities	67.37
Total AT & T				<u>67.37</u>
AT&T				
	07/26/2022	Phone & Internet @ Shop	5432 · T & D Misc. Maint. Utilities	81.09
Total AT&T				<u>81.09</u>
Blood, Richard				
	07/26/2022	CPUD Board Meeting 7/12/2022 - UMRWA Meeting	5680 · Director's Fees	200.00
	07/26/2022		5681 · Director's Mileage	0.00
Total Blood, Richard				<u>200.00</u>
Cal-Waste				
	07/11/2022	Office	5623 · Contract Services	151.13

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
	07/11/2022	Shop	5422 · T & D Contract Services	360.24
Total Cal-Waste				511.37
Cal PERS				
	07/15/2022		5643 · Medical Insurance	0.00
	07/15/2022	Employer Contributions PEPRA 6/30/22 PP	5645 · Retirement-PERS (Admin)	2,091.00
	07/15/2022	Employer Contributions Classic 6/30/22 PP	5645 · Retirement-PERS (Admin)	3,389.54
	07/15/2022	August Medical	5643 · Medical Insurance	29,596.32
	07/15/2022	Unfunded Accrued Liability - PEPRA	5645 · Retirement-PERS (Admin)	96.00
	07/15/2022	Employer Contributions PEPRA 7/15/22 PP	5645 · Retirement-PERS (Admin)	2,073.48
	07/15/2022	Unfunded Accrued Liability - Classic	5645 · Retirement-PERS (Admin)	3,389.54
	07/15/2022	Employer Contributions Classic 6/30/22 PP	5645 · Retirement-PERS (Admin)	9,694.08
Total Cal PERS				50,329.96
Calaveras Public Power Agency				
	07/08/2022	CPUD Warehouse	5432 · T & D Misc. Maint. Utilities	73.00
	07/08/2022	Glencoe Booster Pump	5432 · T & D Misc. Maint. Utilities	437.35
	07/08/2022	CPUD Office	5621 · Office Utilities	331.30
	07/08/2022	Jeff Davis WTP	5432 · T & D Misc. Maint. Utilities	1,072.00
	07/08/2022	Licking Fork Pumping Station	5230 · Utilites Pumping Power	19,849.00
Total Calaveras Public Power Agency				21,762.65
Care Free Lawns				
	07/07/2022	June Monthly Service	5623 · Contract Services	150.00
Total Care Free Lawns				150.00
Comcast				
	07/26/2022	Office internet & phone	5621 · Office Utilities	301.84
Total Comcast				301.84
Comcast Business (VE)				
	07/26/2022	Business Voice Edge	5621 · Office Utilities	293.78
Total Comcast Business (VE)				293.78
Condor Earth Technologies, Inc.				
	07/11/2022	Redhawk Lake Dam Project	5422 · T & D Contract Services	4,609.50
Total Condor Earth Technologies, Inc.				4,609.50
Datco Billing				
	07/26/2022	Monthly Service Fee April - Sept	5422 · T & D Contract Services	102.00

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
Total Datco Billing				102.00
De Lage Landen Financial Services Inc.				
	07/26/2022	Kyocera	5623 · Contract Services	83.66
Total De Lage Landen Financial Services Inc.				83.66
Dell'Orto, J.W.				
	07/26/2022	CPUD Board Meeting 7/12/2022	5680 · Director's Fees	100.00
	07/26/2022		5681 · Director's Mileage	0.00
Total Dell'Orto, J.W.				100.00
Fischer, Merle				
	07/11/2022	Reimb. for July Premium	5647 · OPEB - Retirement	765.23
Total Fischer, Merle				765.23
Gaspers Electric				
	07/26/2022	Office Remodel	1190 · Construction in Progress	1,100.00
Total Gaspers Electric				1,100.00
GEI Consultants, Inc.				
	07/11/2022	Chief Dam Safety Engineer Services	5623 · Contract Services	254.00
Total GEI Consultants, Inc.				254.00
Grainger				
	07/07/2022	Invoice #9355609679	5322 · Water Treatment Supplies	251.33
Total Grainger				251.33
Hansford Economic Consulting, LLC				
	07/08/2022	Connection Fees Study	5623 · Contract Services	997.50
Total Hansford Economic Consulting, LLC				997.50
Henwood Associates, Inc.				
	07/26/2022	Garamendi Project	5422 · T & D Contract Services	3,201.13
Total Henwood Associates, Inc.				3,201.13
Hill Rivkins Brown & Associates				
	07/26/2022	Legal Fees June & partial July	5682 · Audit & Legal	0.00
Total Hill Rivkins Brown & Associates				0.00
Hobgood's Cleaning Service				
	07/26/2022	July Janitorial Service	5623 · Contract Services	160.00
Total Hobgood's Cleaning Service				160.00
Hunt & Sons Inc.				

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
	07/11/2022	Fuel for District Vehicles	5424 · T & D Equip. Repair & Oper.	1,564.84
	07/26/2022	Fuel for District Vehicles & Equipment	5424 · T & D Equip. Repair & Oper.	2,546.06
Total Hunt & Sons Inc.				4,110.90
International Line Builders, Inc.				
	07/26/2022	Clean insulators & inspect lines for damage	5422 · T & D Contract Services	9,100.00
Total International Line Builders, Inc.				9,100.00
John Hertzig				
	07/26/2022	Toyonza asphalt	5422 · T & D Contract Services	3,600.00
Total John Hertzig				3,600.00
Lowe's				
	07/08/2022	Office Renovation	5620 · Materials & Supplies	120.51
	07/08/2022	Office Renovation	5620 · Materials & Supplies	1,459.54
	07/08/2022	Office Renovation	5620 · Materials & Supplies	499.45
	07/08/2022	WTP Supplies	5322 · Water Treatment Supplies	1,864.69
Total Lowe's				3,944.19
Martin Marietta				
	07/11/2022	Aggregate	5421 · T & D Maint. Mat. & Supp.	436.84
Total Martin Marietta				436.84
Motherlode Answering Service				
	07/07/2022	June Service	5623 · Contract Services	267.00
Total Motherlode Answering Service				267.00
Matrix Trust Company				
	07/26/2022	Pay Date 6/30/2022	2317 · 457 Plan	750.43
	07/26/2022	Pay date 7/15/2022	2317 · 457 Plan	755.19
Total Matrix Trust Company				1,505.62
PG&E - ENERGY STATEMENT				
	07/07/2022	Gold Strike Rd Warehouse Light	5432 · T & D Misc. Maint. Utilities	9.75
	07/07/2022	439 Gold Strike Rd Warehouse Light	5432 · T & D Misc. Maint. Utilities	19.43
	07/07/2022	CPUD Office	5621 · Office Utilities	8.65
	07/07/2022	2600 Andreas Vista Tank	5432 · T & D Misc. Maint. Utilities	15.29
	07/07/2022	Golden Hills Tank	5432 · T & D Misc. Maint. Utilities	10.98
	07/07/2022	MCV Hydro #1	5200 · Pipeline Hydro Cost	96.47
	07/07/2022	Garamendi's Hydro #3	5200 · Pipeline Hydro Cost	236.50

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
	07/26/2022	Hwy 26 & Ponderosa Way	5200 · Pipeline Hydro Cost	361.58
	07/26/2022	Prindle Rd	5432 · T & D Misc. Maint. Utilities	10.84
Total PG&E - ENERGY STATEMENT				769.49
PGE-NON ENERGY INVOICES				
	07/26/2022	Hydro #1	5200 · Pipeline Hydro Cost	7.75
	07/26/2022	Hydro #2	5200 · Pipeline Hydro Cost	7.75
	07/26/2022	Hydro #3	5200 · Pipeline Hydro Cost	7.75
	07/26/2022	Schaad's	5201 · Schaad's Hydro Cost	197.86
Total PGE-NON ENERGY INVOICES				221.11
Pinnell's Carpet One				
	07/26/2022	Carpet for office remodel	1190 · Construction in Progress	18,465.58
Total Pinnell's Carpet One				18,465.58
Pollard Water				
	07/26/2022	Invoice #WP030159	5421 · T & D Maint. Mat. & Supp.	48.26
Total Pollard Water				48.26
Postmaster				
	07/25/2022	August Postage	5622 · Postage & Box Rent	800.00
Total Postmaster				800.00
Progressive Print Solutions				
	07/07/2022	Pipe Line Repair Door Tags	5620 · Materials & Supplies	303.30
Total Progressive Print Solutions				303.30
SEIU Local 1021				
	07/26/2022	Pay Period Ending 6/30/2022	2322 · SEIU Union	432.52
	07/26/2022	Pay Period ending 7/15/2022	2322 · SEIU Union	432.52
Total SEIU Local 1021				865.04
Sender's Market Inc.				
	07/07/2022	T&D Maintenance Materials & Supplies	5421 · T & D Maint. Mat. & Supp.	64.29
	07/07/2022	Office Remodel Materials & Supplies	5620 · Materials & Supplies	2,509.00
	07/07/2022	Returned item Office Remodel & Supplies	5620 · Materials & Supplies	-7.41
Total Sender's Market Inc.				2,565.88
Staples Credit Plan				
	07/07/2022	Office Supplies	5620 · Materials & Supplies	221.51
Total Staples Credit Plan				221.51

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
Streamline				
	07/07/2022	Annual Website Fee & Maintenance	5623 · Contract Services	2,400.00
Total Streamline				2,400.00
Technical Systems Inc.				
	07/26/2022	Clearwell Tank Project Phase II	1190 · Construction in Progress	88,236.61
Total Technical Systems Inc.				88,236.61
Treat's General Store				
	07/07/2022	WTP Supplies	5322 · Water Treatment Supplies	41.07
	07/07/2022	T & D Supplies	5421 · T & D Maint. Mat. & Supp.	67.49
	07/07/2022	Office Supplies & Renovation	5620 · Materials & Supplies	212.93
Total Treat's General Store				321.49
Tressler, Jack				
	07/26/2022	CPUD Board Meeting 7/12/2022	5680 · Director's Fees	100.00
Total Tressler, Jack				100.00
Underground Service Alert				
	07/26/2022	Membership Fee	5426 · T & D Fees & Permits	1,209.12
Total Underground Service Alert				1,209.12
USA Blue Book				
	07/11/2022	WTP Supplies	5322 · Water Treatment Supplies	34.11
Total USA Blue Book				34.11
Volcano Telephone				
	07/08/2022	13900 Hwy 26 Hydro #1	5200 · Pipeline Hydro Cost	53.27
	07/08/2022	1601 West Forty Rd	5322 · Water Treatment Supplies	53.27
	07/08/2022	10727 Ponderosa Way Hydro #2 MCV	5200 · Pipeline Hydro Cost	53.27
	07/08/2022	3089 Ridge Rd WTP	5322 · Water Treatment Supplies	49.68
	07/08/2022	WTP	5322 · Water Treatment Supplies	66.67
	07/08/2022	Special Circuit WTP	5201 · Schaads Hydro Cost	94.19
	07/08/2022	Schaad's Hydro	5201 · Schaads Hydro Cost	53.27
	07/08/2022	Broadband WTP	5322 · Water Treatment Supplies	56.95
	07/08/2022	Pump Station	5322 · Water Treatment Supplies	53.27
	07/08/2022	WTP Long Distance	5322 · Water Treatment Supplies	0.10
	07/08/2022	Schaad's Hydro Long distance	5201 · Schaads Hydro Cost	0.10
Total Volcano Telephone				534.04

Calaveras Public Utility District Expenses by Vendor Detail

July 2022

Date	Date	Memo	Account	Amount
Weber, Ghio & Associates				
	07/12/2022	General Engineering Services	5684 · Engineering-Admin.	197.00
	07/12/2022	Rich Gulch Project Design	5684 · Engineering-Admin.	2,777.13
	07/12/2022	Clearwell Tank Project Phase II Construction Management	1190 · Construction in Progress	20,503.22
	07/12/2022	Clearwell Tank Project Phase I Construction Management	1190 · Construction in Progress	771.75
Total Weber, Ghio & Associates				<u>24,249.10</u>
Wells Fargo Bank - C. Bear				
	07/27/2022	Office Utilities (Mini Storage, etc)	5621 · Office Utilities	401.65
	07/27/2022	Office Remodel	5620 · Materials & Supplies	961.71
	07/27/2022	Training	5429 · T & D Safety & Education	185.48
	07/27/2022	Backblaze, QuickBooks, Zoom, etc	5683 · Dues, Subscriptions, Fees	97.36
	07/27/2022	Postage	5622 · Postage & Box Rent	100.00
	07/27/2022	UHaul for Office Remodel	5620 · Materials & Supplies	96.71
Total Wells Fargo Bank - C. Bear				<u>1,842.91</u>
Wells Fargo Bank - M Roberts				
	07/27/2022	Office Remodel	5620 · Materials & Supplies	213.43
	07/27/2022	Safety Meeting	5429 · T & D Safety & Education	55.68
	07/27/2022	Safety Equipment	5429 · T & D Safety & Education	183.09
Total Wells Fargo Bank - M Roberts				<u>452.20</u>
Wells Fargo Bank - T Small				
	07/27/2022	Office Remodel	5620 · Materials & Supplies	1,004.81
	07/27/2022	Return Item	5620 · Materials & Supplies	-27.13
	07/27/2022	Training Meeting	5429 · T & D Safety & Education	112.76
Total Wells Fargo Bank - T Small				<u>1,090.44</u>
Western Utilities Underground Alert				
	07/11/2022	2022 - 2023 Annual Membership Fee	5683 · Dues, Subscriptions, Fees	60.00
Total Western Utilities Underground Alert				<u>60.00</u>
Wilbur-Ellis				
	07/07/2022	Inv# 14994667 - Pesticide	5421 · T & D Maint. Mat. & Supp.	764.46
Total Wilbur-Ellis				<u>764.46</u>
				<u><u>286,195.85</u></u>

Calaveras Public Utility District

**Water Capacity and
Connection Fees Study**

August 1, 2022

DRAFT FINAL

The following report was prepared by Hansford Economic Consulting LLC.

The analyses and findings contained within this report are based on primary data provided by the Calaveras Public Utility District, as well as additional secondary sources of data available as of the date of this report. Updates to information used in this report could change or invalidate the findings contained herein. While it is believed that the primary and secondary sources of information are accurate, this is not guaranteed.

Every reasonable effort has been made in order that the data contained in this study reflect the most accurate and timely information possible. No responsibility is assumed for inaccuracies in reporting by the client, its consultants and representatives, or any other data source used in the preparation of this study. No warranty or representation is made that any of the projected values or results contained in this study will actually be achieved.

Changes in economic and social conditions due to events including, but not limited to, major recessions, droughts, major environmental problems or disasters that would negatively affect operations, expenses and revenues may affect the result of the findings in this study. In addition, other factors not considered in the study may influence actual results.

TABLE OF CONTENTS

SECTION	PAGE
1. Introduction and Summary of Findings	1
1.1 Introduction	1
1.2 Authority to Charge Capacity and Connection Fees	1
1.3 Calculated Capacity and Connection Fees	2
2. Connection Fees	5
2.1 Meter Fee Calculation	5
2.2 Installation Fee Calculation	5
2.3 Total Calculated Connection Fee	5
3. Capacity Fees	8
3.1 Future Development and Growth Assumptions	8
3.2 Buy-In Fee Costs	9
3.3 Capacity Fee Calculations	10
3.4 Regional Fees Comparison	12
4. Capacity and Connection Fees Adoption and Administration	14
4.1 Capacity and Connection Fees Adoption	14
4.2 Future Fee Adjustments and Updates	14
4.3 Mitigation Fee Act Compliance	14
4.4 Capacity Fee Credits and Reimbursements	15

LIST OF TABLES

TABLE		PAGE
1	Current New Development Water Fees	1
2	Proposed New Development Water Fees Schedule	3
3	Residential Comparison of Current and Proposed Fees	4
4	Non-Residential Comparison of Current and Proposed Fees	4
5	Calculated Connection Fees	6
6	Current Number of ERUs	8
7	Twenty-year Projection of ERUs	9
8	Capacity Fee Calculation per ERU	10
9	Determination of Meter Ratios for Capacity Fee	11
10	Calculated Capacity Fees	12

LIST OF FIGURES

FIGURE		PAGE
1	Comparison of Regional Water Capacity Fees	13

Section 1: INTRODUCTION AND SUMMARY OF FINDINGS

1.1 INTRODUCTION

The Calaveras Public Utility District (CPUD or District) provides water service to residents and businesses in the San Andreas, Mokelumne Hill and outlying areas of Calaveras County. The District currently serves a population of about 5,000, and provides service to new development as it occurs. The purpose of this report is to update the District’s schedule of new development water fees.

Currently, the District charges new development water fees comprising two components: (1) a connection fee, and (2) an installation charge. The fees are mostly based on actual costs incurred, as shown in **Table 1** below. The current new development fees were set by the Board of Directors (Board) in September 1989.

Table 1
Current New Development Water Fees

METER SIZE	CONNECTION FEE	INSTALLATION CHARGE [1]
1" or smaller	current meter cost + \$2,650	\$1,250
1.5" & 2"	current meter cost + \$5,300	cost + 15%
>2"	current meter cost + fee determined by Board	cost +15%

Source: CPUD Resolution 89-23.

curr

[1] Where any service line requires installation greater than 10 feet from the distribution line or across/under any road, the installation fee is actual cost plus 15%.

Given that the fees were set more than 30 years ago, it is appropriate to revisit the current schedule of new development fees.

1.2 AUTHORITY TO CHARGE CAPACITY AND CONNECTION FEES

Under the authority of the Mitigation Fee Act (1987), contained in California Government Code Section 66000 et. seq., the District is authorized to collect water capacity and connection fees. When a municipality adopts or updates a capacity or connection fee, it must demonstrate that the fees shall not exceed the estimated reasonable cost of providing the service for which the fee is imposed. Maximum justifiable fees are calculated in this report pursuant to demonstration of the nexus between new development and the increase in demand for the infrastructure that is provided to serve the new development.

Specifically, the District may impose a connection fee pursuant to Government Code Section 66013 (b)(5) for the physical facilities necessary to make a water connection, including, but not limited to,

meters, meter boxes, and pipelines from the structure or project to a water distribution line, that does not exceed the estimated reasonable cost of labor and materials for installation of those facilities.

The District may impose a capacity fee pursuant to Government Code Section 66013(b)(3) for public facilities in existence at the time a charge is imposed or charges for new public facilities to be acquired or constructed in the future that are of proportional benefit to the person or property being charged, including supply or capacity contracts for rights or entitlements, real property interest, and entitlements and other rights of the local agency involving capital expense relating to its use of existing or new public facilities.

The new development fees should be evaluated at least every five years; over time, inflationary adjustments to fees alone may be insufficient as development plans change, anticipated pace of development changes, and infrastructure solutions to water service provision (typically in Water Master Plans) are revised.

1.3 CALCULATED CAPACITY AND CONNECTION FEES

This report updates the District’s current water connection fee, and it calculates a proposed new water capacity fee. The connection and capacity fees include these subcomponents:

Connection Fee	Capacity Fee
Meter Fee	Buy-In Fee
Installation Fee	

For the capacity fee, two fee level options are presented in the report for the Board’s consideration.

Option 1: The first fee level option calculates the fees based on the replacement cost of the District’s water system assets less accumulated depreciation. This option is most commonly used for water asset infrastructure because it accounts for the current costs to replace existing infrastructure.

Option 2: The second option calculates the capacity fees based on the original cost of the assets. Under the original cost approach, the buy-in fee reflects the original investment in existing capacity, paying an amount similar to what the existing customers paid for the capacity (or the remaining value of the original investments). Assets that have in theory exceeded their useful life may still have a value associated with them that new development would pay for a portion of; however, the methodology does not take into account that replacement costs of the assets would be greater than when originally installed. A concern with this approach is that it is impractical because insufficient capital is raised to ensure longevity of the assets.

Table 2 presents the proposed updated connection fees and the proposed new capacity fees under Option 1, which is recommended because it better reflects current costs to replace water system facilities. The fees would be charged according the meter size of the new service, with the

exception of Accessory Dwelling Units (ADUs). Pursuant to State law¹, ADUs must be charged development fees on a per building square foot basis.

Table 2
Proposed New Development Water Fees Schedule

New Development Fee [1]	Schedule of Fees [2]			
	Meter Size			
Connection Fee	<= 1"	1.5"	2"	> 2"
Meter	\$825	\$1,175	\$1,675	actual costs
Installation	\$6,150	\$6,150	\$6,150	actual costs
Total [3], [4]	\$6,975	\$7,325	\$7,825	actual costs
ADU Connection Fee [5]	\$3.67	Per Livable Bldg. Sq. Ft. [6]		
Capacity Fee				
1" and Smaller	\$10,802			
1.5"	\$16,203			
2"	\$23,764			
3"	\$39,966			
4"	\$63,730			
6"	\$123,139			
8"	\$193,350			
ADU Capacity Fee [5]	\$5.69	Per Livable Bldg. Sq. Ft. [6]		

Source: HEC July 2022.

summ

- [1] Both fees proposed under authority of California Government Code 66013.
- [2] The fees in this schedule, including the footnotes, will be adjusted every July 1 by the change in the Engineering News Record San Francisco Constructino Cost Index March to March.
- [3] District may waive a portion (meter or installation fee) of the connection fee, circumstance depending.
- [4] Additional at-cost fees will be charged when the connection is greater than 10 feet from the main, and for other extraordinary circumstances requiring additional work. If repaving of a street is necessary, the minimum fee is \$3,010. If the repave requires more than 4 yards of backfill, a fee of \$115 per yard will be charged. If the repave requires more than 200 square feet of asphalt, the fee will be \$10.25 per square foot.
- [5] Contrary to footnote [3], no portion of the fee is to be waived for an ADU.
- [6] Excludes garage and covered outdoor areas.

As shown in the proposed fee schedule table, it is recommended that the District update the fees annually by a predetermined index. The Engineering News Record San Francisco Construction Cost Index March to March change is recommended for an annual July 1 update. Periodic review of the capacity and connection fees is also recommended whenever estimated costs are revised pursuant

¹ California Assembly Bill 494 and Senate Bill 13.

to an update of the Water Master Plan, or whenever there are changes in the County’s General Plan that would affect projected growth in the District’s service territory.

A comparison of current and proposed fees is provided in **Table 3** for a new single-family home. Currently a new home installing a one-inch water meter would pay a connection fee of \$4,650. Under the proposed new fees, a new home would pay a connection fee of \$6,975 and a capacity fee of \$10,802. The total fees due would increase from \$4,650 to \$17,777.

Table 3
Residential Comparison of Current and Proposed Fees

Item	Connection Fee			Capacity Fee Option 1	TOTAL FEE
	Meter	Installation	Total		
<i>Assumption: New single family home with a 1" meter</i>					
Current [1]	\$3,400	\$1,250	\$4,650	\$0	\$4,650
Proposed [2]	\$825	\$6,150	\$6,975	\$10,802	\$17,777

Source: HEC July 2022.

1" sum

[1] Current cost of a 1" meter and appurtenances is \$825.

[2] Fees calculated using Option 1, RCNLD asset valuation methodology.

Table 4 compares the development fees due for a new commercial building with a two-inch water meter. Under the current fee schedule, the building applicant would pay a connection fee of \$6,975 for the meter plus an installation fee that is actual cost plus 15%. Under the proposed fee schedule option one, the applicant would pay a connection fee of \$7,825 plus a capacity fee of \$23,764, for a total fee of \$31,589.

Table 4
Non-Residential Comparison of Current and Proposed Fees

Item	Connection Fee			Capacity Fee Option 1	TOTAL FEE
	Meter	Installation	Total		
<i>Assumption: New commercial building with a 2" meter</i>					
Current [1]	\$6,975	actual cost + 15%		\$0	
Proposed [2]	\$1,675	\$6,150	\$7,825	\$23,764	\$31,589

Source: HEC July 2022.

non sum

[1] Current cost of a 2" meter and appurtenances is \$1,675.

[2] Fees calculated using Option 1, RCNLD asset valuation methodology.

Section 2: CONNECTION FEES

Under current California Government Code, connection fees are charges imposed by the District to pay for the reasonable cost of providing physical facilities necessary to make a water connection, including, but not limited to meters, meter boxes, and pipelines from the structure or project to a water distribution line that does not exceed the estimated cost of labor and materials for installation of those facilities².

The connection fee is made up of two fee components: (1) the meter fee, which covers the estimated costs of the meter and meter appurtenances, and (2) the installation fee, which covers the estimated costs of labor and equipment to install the facilities.

2.1 METER FEE CALCULATION

The meter fee reflects the most current costs of meters and appurtenances for meters one-inch (and smaller), 1.5-inch, and 2-inch in size. Meters larger than 2-inch should be charged the actual cost of the meter and appurtenances because the costs for these meters are more variable and less predictable. There are many options for type of larger meter size (jet, turbine, propeller and so forth) and different meter types may be necessary for different building types and building locations (including fire protection) needs.

2.2 INSTALLATION FEE CALCULATION

The installation fee is based on the estimated amount of staff time (labor cost) and equipment time (rental cost) needed to install the meter. Staff time is the average hourly cost of labor at the District, including benefits. The District has documented labor and equipment time needed for typical installations, which includes connection up to ten feet from the main. **Table A-1** in Appendix A shows the assumptions used in the calculation to determine the installation cost for a one-inch meter. Labor costs are based on a crew of 3 taking two days to install the service and meter. Installation costs are assumed to be the same for service sizes two-inches and smaller. Costs are less predictable with larger meter sizes; therefore, it is recommended that the actual cost of installation be charged for new larger size meter services.

If a new connection is further than 10 feet from the main, or if any other extraordinary costs are incurred, such as a road crossing, actual costs of installation will be charged. In addition, if the District is required to dig up the street to tap the main or install the service line, a repave fee will be added. The repave fee is based on contractor bids received by the District in July, 2022. Contractor minimum quantities are 4 yards of backfill and 200 square feet of asphalt. If quantities greater than the minimum are necessary, additional fees will apply per yard of backfill and per square foot of asphalt.

² Government Code Section 66013(b)(5).

2.3 TOTAL CALCULATED CONNECTION FEE

The total calculated connection fees are shown in **Table 5**.

Table 5
Calculated Connection Fees

Fee Component	Service Size			
	<= 1"	1.5"	2"	> 2"
Meter Fee				
Meter and Radio	\$415	\$715	\$1,165	actual
Meter Appurtenances	\$410	\$460	\$510	actual
Total Meter Fee (rounded)	\$825	\$1,175	\$1,675	actual costs
Installation Fee				
Labor	\$3,600	\$3,600	\$3,600	actual
Equipment	\$2,550	\$2,550	\$2,550	actual
Extraordinary Costs	> 10ft from main and other circumstances actual cost [1]			
Repaving	minimum plus actual cost - if applicable [2]			
Total Installation Fee (rounded)	\$6,150	\$6,150	\$6,150	actual costs
Total Connection Fee	\$6,975	\$7,325	\$7,825	actual costs
ADU Connection Fee				
Est. ERU Livable Bldg. Sq. Ft.	1,900			
ADU Fee per Bldg. Sq. Ft. [3]	\$3.67			

Source: CPUD and HEC, July 2022.

conn fee

[1] Additional at-cost fee will be charged for extraordinary circumstances such as the connection being greater than 10 feet from the main, a road crossing, pressure reducer installation, and so forth.

[2] If repaving is necessary, the following minimum charge will be incurred:

County fee	\$500	
Backfill fee	\$460	If >4 yards, add'l fee of \$115 per yard
Asphalt fee	\$2,050	If > 200 square feet, add'l fee of \$10.25 per sq. ft.
Total Minimum fee	\$3,010	

[3] Excludes garage and covered outdoor areas.

As already described, the connection fees are calculated for new services with meters 2-inches and smaller. For new services requiring larger meters, the District will charge the actual cost of installation. Note, the District may charge greater fees than established in the fee schedule for meters 2-inches and smaller for extraordinary circumstances (such as a road crossing or a pressure reducer installation) and repaving under which greater than typical service installation costs occur.

The District can charge new ADUs per livable building square foot of the ADU. Attached ADU space can only be charged the fee when it is being built as part of a single family home. Detached ADUs can be charged whenever they are created.

The calculation of the ADU fee is based on the connection fee of \$6,975 for a typical home divided by the typical livable building square feet of homes in the CPUD service territory. The typical size of a home in the CPUD service territory is 1,900 square feet; this size was determined by pulling local real estate data and holding discussions with District staff. **Table A-2** in Appendix A lists recently sold homes in the area built since 2013. The connection fee for an ADU is \$3.67 per livable building square foot.

Section 3: CAPACITY FEES

Capacity fees are charged to pay for current and future District facilities that new water customers will use. Capacity fees pay for major infrastructure such as water supply and development, treatment and distribution facilities. Currently, the District does not charge water capacity fees. The proposed capacity fee would pay for buy-in to existing facilities that the new customer will use.

3.1 FUTURE DEVELOPMENT AND GROWTH ASSUMPTIONS

The first step in determining capacity fees is establishing the current number of water customers, expressed in equivalent residential units (ERUs). Using the current number of customers by meter size and applying AWWA-standard meter ratios, the current number of ERUs is 2,185 (see **Table 6** below).

Table 6
Current Number of ERUs

Meters	Number of Meters	Flow Rate (gpm)	Meter Ratios	Number of ERUs
1" and Smaller	1,966	50	1.0	1,966
1.5"	14	100	2.0	28
2"	31	160	3.2	99
3"	0	300	6.0	0
4"	6	500	10.0	60
6"	0	1,000	20.0	0
8"	1	1,600	32.0	32
TOTAL	2,018			2,185

Source: AWWA M1 meter flow rates and CPUD number of meters. erus

Based on historical growth patterns in the CPUD service territory, it is estimated that 10 ERUs will be added to the customer base each year. Over the next twenty years it is estimated that the District will serve an additional 200 ERUs, as shown in **Table 7** on the next page. With this level of growth, the new ERUs represent 8% of all ERUS by 2040.

Table 7
Twenty-year Projection of ERUs

Fiscal Year Ending	# ERUs	Share of ERUs by 2040
2020	2,185	92%
2040	2,385	
Increase	200	8%

Source: CPUD and HEC 2022. proj

3.2 BUY-IN FEE COSTS

The cost included in the buy-in fee calculation depends on the methodology that is used to determine the value of the District’s current water assets. This report provides two methodologies, a replacement cost less depreciation (RCNLD) methodology, and an original cost methodology. Both methodologies are described in the American Water Works Association M1 Manual, and both are considered to be valid for calculating capacity fees.

Table A-3 in Appendix A provides a list of the CPUD water assets, their original cost, and estimated replacement cost analysis. The first fee level option using the RCNLD methodology calculates the fees based on the estimated current replacement cost of the District’s water system assets less accumulated depreciation. This option is most commonly used for water asset infrastructure because it accounts for the current costs to replace existing infrastructure.

The second option calculates the capacity fees based on the original cost of the assets. Under this option, assets that have in theory exceeded their useful life may still have a value associated with them that new development would pay for a portion of; however, it does not take into account that replacement costs of the assets would be greater than when originally installed. Under the original cost approach, the buy-in fee reflects the original investment in existing capacity, paying an amount similar to what the existing customers paid for the capacity (or the remaining value of the original investments). A concern with this approach is that it is impractical because insufficient capital is raised to ensure longevity of the asset.

Under both options, the cost of any assets funded with grants is removed, and the cost of land (which is not depreciable) is added. In addition, the cost of replacing or rehabilitating and upgrading existing assets that is included in the CIP is excluded at the estimated current cost (option 1) or original cost (option 2). Total cost included in the buy-in fee is \$16.58 million under option 1, and \$11.91 million under option 2.

3.3 CAPACITY FEE CALCULATIONS

The total buy-in costs are divided by the number of estimated ERUs in 2040 to determine the maximum buy-in fee per ERU. An administrative fee of three-percent is added for collection and handling of the fees, public hearing costs, and periodic updates of the fee program.

Under fee level option 1 with the RCNLD methodology, the total capacity fee per ERU is \$10,802. Under fee level option 2 with the original cost methodology, the total capacity fee per ERU is \$8,264. The fee calculations are shown in **Table 8**.

Table 8
Capacity Fee Calculation per ERU

Item	Option 1 (RCNLD)	Option 2 (Original Cost)
Buy-In Fee		
Buy-In of 2021 Assets	\$20,773,939	\$14,898,733
Plus Fiscal Year 2021/22 Improvements	\$4,100,000	\$4,100,000
less grant-funded projects	(\$10,590)	(\$12,439)
Plus Land	\$150,436	\$150,436
Net Buy-In Facilities Cost	\$25,013,786	\$19,136,730
Total ERUs by 2040	2,385	2,385
Total Fee per ERU	\$10,487	\$8,023
Administrative Fee @ 3%	\$315	\$241
Total Water Capacity Fee per ERU	\$10,802	\$8,264

Source: CPUD supporting data and HEC June 2022.

exp costs

The fee per ERU is the fee for a one-inch meter because almost all new residential homes will be required to install a one-inch meter. The fees for all other meter sizes are based on a) maximum flow rates by meter size, and b) estimated installation costs³.

Maximum flow rates are used because a significant portion of a water system's design (supply, treatment and transmission) is related to meeting capacity needs. The ratio at which the meter charge increases is a function of the meter's safe operating capacity as established by the American Water Works Association. For example, a one-inch meter has a maximum flow rate of 50 gallons per minute (gpm) and a two-inch meter has a maximum flow rate of 100 gpm. The flow rate of a two-inch meter is twice that of a one-inch meter therefore the ratio for a two-inch meter is 2.0. Meter ratios based on safe operating capacity were previously shown in **Table 6**.

³ Regionally, the Tuolumne Utilities District also uses this methodology for capacity fee calculations.

Installation costs are also used because they more closely reflect the new customer’s demand on the water system’s distribution facilities, and because for larger meters, the meter capacity may not be a reasonable indicator for the actual demand of the customer. The installation cost meter ratios are shown in **Appendix A Table A-4**. Service installation costs, which are an input to the installation cost meter ratios, are estimated in **Table A-5**.

The meter ratios used to calculate the capacity fee by meter size are an average of the installation cost and meter capacity ratios, shown in **Table 9** below.

Table 9
Determination of Meter Ratios for Capacity Fee

Meter Size	Installation Cost	Meter Capacity	Average
1" and Smaller	1.0	1.0	1.0
1.5"	1.1	2.0	1.5
2"	1.1	3.2	2.2
3"	1.5	6.0	3.7
4"	1.9	10.0	5.9
6"	2.7	20.0	11.4
8"	3.8	32.0	17.9

Source: CPUD and HEC July 2022.

ratios

The calculated capacity fees under each fee level option are shown in **Table 10**. The calculation of the ADU fee is based on the capacity fee for a typical home divided by the typical livable building square feet of homes in the CPUD service territory (1,900 square feet).

Table 10
Calculated Capacity Fees

Item	Option 1 (RCNLD)	Option 2 (Original Cost)
Fee per ERU	\$10,802	\$8,264
Est. ERU Livable Bldg. Sq. Ft.	1,900	1,900
ADU Fee per Bldg. Sq. Ft. [1]	\$5.69	\$4.35
Meter Size		
1" and Smaller	\$10,802	\$8,264
1.5"	\$16,203	\$12,396
2"	\$23,764	\$18,180
3"	\$39,966	\$30,576
4"	\$63,730	\$48,756
6"	\$123,139	\$94,207
8"	\$193,350	\$147,922

Source: HEC June 2022.

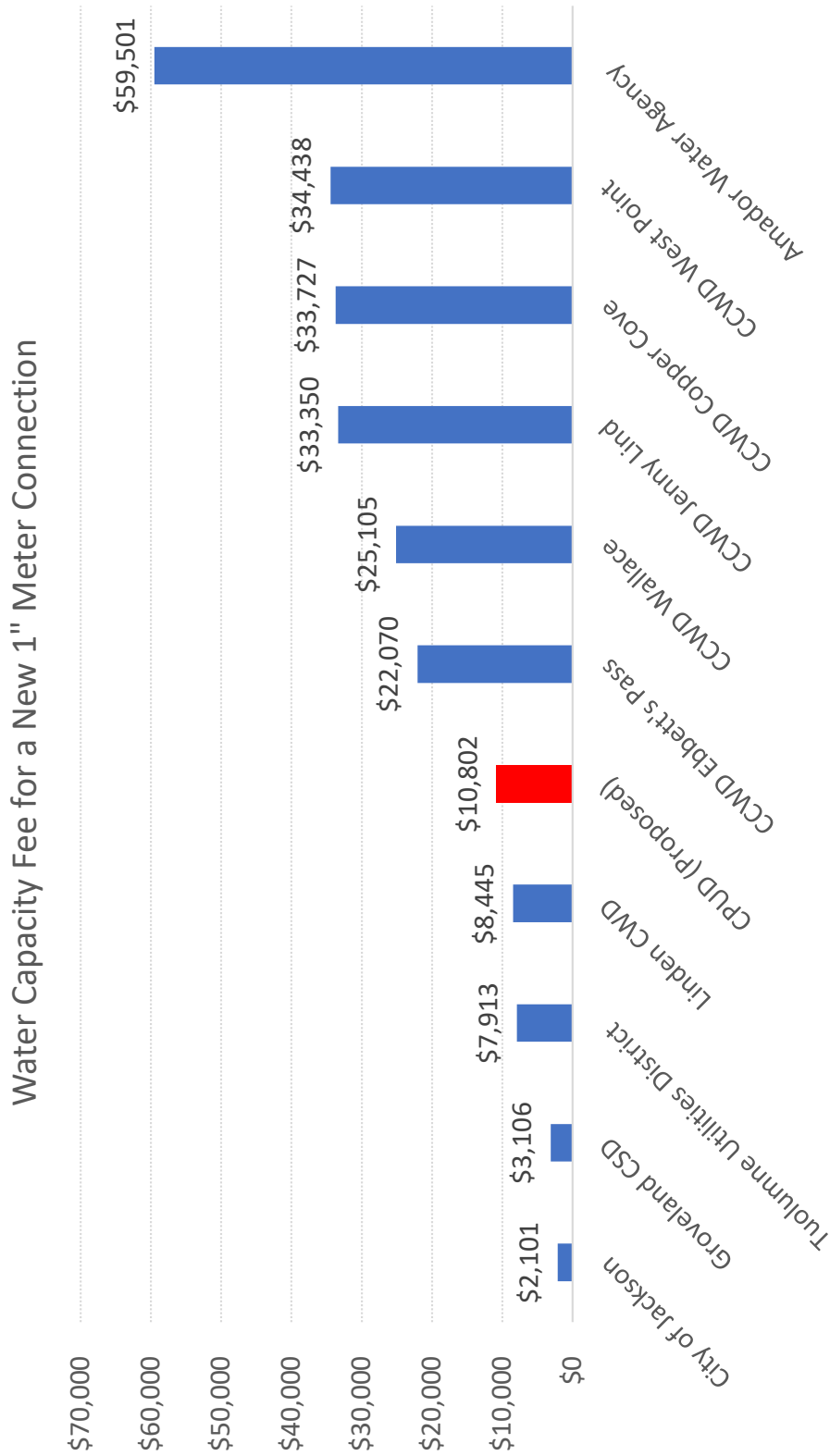
cap calc

[1] Excludes garage and covered outdoor areas.

3.4 REGIONAL FEES COMPARISON

It is common for municipal water providers to charge capacity fees (sometimes also called “participation fees”) to equalize the cost of infrastructure between current and future system users. Other regional municipal water providers charge capacity fees, as shown in **Figure 1** on the next page. The proposed capacity fee for a new ERU is less than that charged by the Calaveras County Water District and the Amador Water Agency which serve the communities surrounding the CPUD service territory.

Figure 1
Comparison of Regional Water Capacity Fees



Section 4: CAPACITY AND CONNECTION FEES ADOPTION AND ADMINISTRATION

4.1 CAPACITY AND CONNECTION FEES ADOPTION

Pursuant to California Government Code 66016, prior to increasing an existing fee or adopting a new fee, an agency must hold at least one open and public meeting. Notice of the time and place of the meeting, including a general explanation of the matter to be considered, and a statement that all supporting studies and information are available to the public, shall be noticed at least 10 days prior to the meeting. Increases to an existing fee or adoption of a new fee may be made by ordinance or resolution.

4.2 FUTURE FEE ADJUSTMENTS AND UPDATES

It is recommended that the District update the Capacity and Connection Fees annually by a predetermined index. The Engineering News Record San Francisco Construction Cost Index March to March change is recommended for an annual July 1 update. Periodic review of the Capacity and Connection Fees is also recommended whenever estimated costs are revised pursuant to an update of the District's Water Master Plan, or whenever there are changes in the County's General Plan that would affect projected growth in the District's service territory.

4.3 MITIGATION FEE ACT COMPLIANCE

For the capacity fees only, the District must deposit fee revenues in a separate capital facilities fund to avoid any comingling with other monies of the District. Any interest income earned must also be deposited into the Water Capacity Fee Fund. In addition, the District must comply with annual and five-year reporting requirements for the Water Capacity Fees Fund.

Within 180 days of the end of a fiscal year, the following is to be furnished for the prior fiscal year:

1. A description of the charges deposited in the fund,
2. The beginning and ending balance of the fund,
3. The amount of the fees collected and interest earned,
4. An identification of each public improvement for which fees were expended and the amount of expenditure for each improvement, including the percentage of the total cost of the improvement that was funded with capacity fees if more than one source of funding was used,
5. An identification of each public improvement on which charges were expended that were completed during the fiscal year, and each improvement anticipated to be undertaken in the following fiscal year, and
6. A description of any interfund transfer or loan made from the Water Capacity Fee Fund, identification of any public improvements on which any transferred monies are, or will be, expended, and a description of repayment terms.

All of the above information may be included in the District's annual financial report.

4.4 CAPACITY FEE CREDITS AND REIMBURSEMENTS

The District may provide fee credits and reimbursements to developers who dedicate land or construct facilities included in the expansion fee portion of the capacity fee with private financing. The credit / reimbursement may only be up to the cost of the improvement, as included in the expansion fee program, or the actual cost paid by the developer, whichever is lower. No credit or reimbursement will be allowed for costs incurred that are higher than estimated in the fee program, and the administrative portion of the fee is excluded from fee credits / reimbursements.

Credits. Once fee credits have been determined, they will be used at the time the respective fees would be due. The use of accumulated fee revenues shall first be used for District-determined priority capital improvement projects, and secondly for repayment of accrued reimbursement to private developers.

Reimbursements. Reimbursements would be due to developers who advance-fund water facilities in excess of their fair share of the facility costs. Developers must enter into a reimbursement agreement with the District to receive reimbursements. Fee credits would be provided up to the fair share cost for the developer, then reimbursements would be due to the developer once revenue collections have been made from other developers. Reimbursement priority is a "first in, first out" system. As money becomes available, the first in would receive reimbursement first. Developers may have to wait some time before their reimbursement is paid in full. Reimbursements are only an obligation of the Water Capacity Fee Fund, not any other District fund.

Fee credits/reimbursements will be adjusted annually by the inflation factor used to adjust the fee.

APPENDIX A

WATER CAPACITY AND CONNECTION FEE STUDY

SUPPORT TABLES

Table A-1
Calaveras Public Utility District Connection Fees Update
Installation Fee Calculations for a One-Inch Meter **DRAFT**

Item	Cost per Hour	Time (Hours)	Total Cost
Labor			
Crew (3 persons)	\$75	16.00	\$3,600
Total Labor			\$3,600
Equipment			
District Truck	\$75	10.00	\$750
Dump Truck	\$150	4.00	\$600
Backhoe	\$150	8.00	\$1,200
Total Equipment			\$2,550
Total Installation Fee			\$6,150

Source: CPUD and HEC July 2022.

install fee

Table A-2 **DRAFT**
Calaveras Public Utility District Connection Fees Update
Homes Recently Sold or For Sale Built Since 2013

Area	Bldg. Sq. Ft.
Mokelumne Hill	1,200
Mokelumne Hill	4,704
Mokelumne Hill	1,205
Mokelumne Hill	1,674
Mokelumne Hill	1,200
Mokelumne Hill	1,330
Mokelumne Hill	2,059
Mokelumne Hill	2,264
Mokelumne Hill	3,172
Mokelumne Hill	2,300
Mokelumne Hill	1,514
Mokelumne Hill	1,200
Mountain Ranch	1,296
Mountain Ranch	1,396
Copperopolis	1,442
Pioneer	1,568
Pine Grove	2,370
Murphys	1,787
Drytown	1,914
Jackson	1,897
Jackson	1,998
Jackson	2,248
Jackson	4,125
Jackson	1,897
Jackson	2,598
San Andreas	1,680
San Andreas	2,786
Median Home Size	1,897

Source: Zillow and Trulia searches, Jan. 7, 2021, sf built
and July 8, 2022.

Table A-3
 Calaveras Public Utility District Connection Fees Update
 CPUD Water Assets and Current Values

DRAFT

Asset Description	Date Acquired	Base Year	Years of Life	Years Deprec.	Remaining Years	ORIGINAL COST		REPLACEMENT COST				
						Original Cost	Replacement Factor	Replacement Cost Est.	Annual Depr.	Accum. Deprec.	Remaining Value	
						2022						
						e	f	$g = e * f$	$h = g / b$	$i = h * c$	$j = g - i$	
BUILDING AND IMPROVEMENT												
506 w. Charles Office	06/30/05	2005	30	17	13	\$297,320	1.89	\$560,505	\$18,683	\$317,619	\$242,885	
New a/c for office	06/30/06	2006	10	16	0	\$13,564	1.82	\$24,635	\$2,463	\$24,635	\$0	
Office Roof Replacement	06/30/18	2018	30	4	26	\$10,250	1.16	\$11,899	\$397	\$1,587	\$10,313	
TOTAL BUILDING AND IMPROVEMENT						\$321,134		\$597,038	\$21,544	\$343,840	\$253,198	
PUMPING PLANT												
Dam	06/30/74	1974	99	48	51	\$1,286,710	5.99	\$7,708,211	\$77,861	\$3,737,314	\$3,970,896	
Pump Station controls	04/30/04	2004	30	18	12	\$13,775	1.96	\$26,955	\$899	\$16,173	\$10,782	
Rebuild So. Fork Pump Station Controls	02/29/12	2012	10	10	0	\$5,165	1.45	\$7,499	\$750	\$7,499	\$0	
Rebuild So. Fork 400 HP GE Solid Shaft Motor	05/31/12	2012	10	10	0	\$7,271	1.45	\$10,558	\$1,056	\$10,558	\$0	
South Fork Pump Station	06/30/20	2020	40	2	38	\$167,810	1.08	\$180,806	\$4,520	\$9,040	\$171,765	
TOTAL PUMPING PLANT						\$1,480,730		\$7,934,028	\$85,085	\$3,780,585	\$4,153,444	
HYDRO PLANT												
Hydro #1	12/31/94	1994	25	28	0	\$16,667	2.84	\$47,357	\$1,894	\$47,357	\$0	
Hydro #2	12/31/94	1994	25	28	0	\$16,667	2.84	\$47,357	\$1,894	\$47,357	\$0	
Hydro #3	12/31/94	1994	25	28	0	\$16,666	2.84	\$47,354	\$1,894	\$47,354	\$0	
80 KW Cummins & GE Zenith Backup Generator (Glencoe)	11/30/11	2011	10	11	0	\$38,616	1.51	\$58,202	\$5,820	\$58,202	\$0	
Pipeline Hydros - Cla Val	06/30/15	2015	10	7	3	\$12,155	1.30	\$15,781	\$1,578	\$11,047	\$4,734	
Schaads Dam Access Road	06/30/19	2019	30	3	27	\$52,746	1.12	\$58,990	\$1,966	\$5,899	\$53,091	
Schaads Underground Irrigation Line	06/30/19	2019	30	3	27	\$52,500	1.12	\$58,715	\$1,957	\$5,872	\$52,844	
Schaads	06/30/20	2020	30	2	28	\$47,139	1.08	\$50,790	\$1,693	\$3,386	\$47,404	
Ponderosa Hydro	06/30/20	2020	30	2	28	\$17,373	1.08	\$18,718	\$624	\$1,248	\$17,470	
TOTAL HYDRO PLANT						\$270,529		\$403,265	\$19,321	\$227,721	\$175,544	
TREATMENT PLANT & TANKS												
Diversion Dam	06/30/74	1974	99	48	51	\$38,505	5.99	\$230,669	\$2,330	\$111,840	\$118,830	
Pumping Plant	06/30/74	1974	40	48	0	\$166,854	5.99	\$999,562	\$24,989	\$999,562	\$0	
Treatment Plant	06/30/74	1974	40	48	0	\$500,564	5.99	\$2,998,698	\$74,967	\$2,998,698	\$0	
Clearwell Tank	06/30/74	1974	60	48	12	\$102,680	5.99	\$615,119	\$10,252	\$492,095	\$123,024	
Mokelumne Hill Reservoir	06/30/74	1974	99	48	51	\$166,855	5.99	\$999,568	\$10,097	\$484,639	\$514,929	
San Andreas Reservoir	06/30/74	1974	99	48	51	\$302,833	5.99	\$1,814,162	\$18,325	\$879,594	\$934,569	
Pump Station Road	06/30/74	1974	33	48	0	\$5,839	5.99	\$34,979	\$1,060	\$34,979	\$0	
Mokelumne Hill Road	06/30/74	1974	33	48	0	\$5,399	5.99	\$32,343	\$980	\$32,343	\$0	
Pump Station B Road	06/30/74	1974	33	48	0	\$5,402	5.99	\$32,361	\$981	\$32,361	\$0	
Other	06/30/93	1993	33	29	4	\$98,115	2.95	\$289,373	\$8,769	\$254,298	\$35,076	
Electric Panel with new switch	06/30/00	2000	10	22	0	\$10,115	2.27	\$22,977	\$2,298	\$22,977	\$0	
Railroad flat water line extension	06/30/02	2002	99	20	79	\$1,559,469	2.11	\$3,287,939	\$33,212	\$664,230	\$2,623,709	
Treatment plant filters	06/30/05	2005	40	17	23	\$286,507	1.89	\$540,119	\$13,503	\$229,551	\$310,569	
Treatment plant pump	06/30/05	2005	40	17	23	\$46,254	1.89	\$87,197	\$2,180	\$37,059	\$50,138	
Backwash Pond Renewal	06/30/14	2014	20	8	12	\$168,213	1.35	\$226,694	\$11,335	\$90,677	\$136,016	
Treatment Plant Valve Project	06/30/14	2014	20	8	12	\$69,302	1.35	\$93,395	\$4,670	\$37,358	\$56,037	
Treatment Plant Improvements	06/30/15	2015	20	7	13	\$157,435	1.30	\$204,401	\$10,220	\$71,540	\$132,861	
Filter Media Replacement	06/30/16	2016	10	6	4	\$274,605	1.25	\$343,473	\$34,347	\$206,084	\$137,389	
Energy Efficient Lighting Upgrade	06/30/16	2016	40	6	34	\$24,574	1.25	\$30,737	\$768	\$4,611	\$26,127	
Water Treatment Plant Backwash Valve	06/30/17	2017	10	5	5	\$5,985	1.20	\$7,212	\$721	\$3,606	\$3,606	
Filter Cla-Val Replacement	06/30/18	2018	5	4	1	\$13,813	1.16	\$16,035	\$3,207	\$12,828	\$3,207	
Treatment Plant HVAC/Lighting Upgrade	06/30/18	2018	15	4	11	\$12,439	1.16	\$14,440	\$963	\$3,851	\$10,590	
Reservoir Diversion Ditch Improvement	06/30/18	2018	3	4	0	\$31,040	1.16	\$36,034	\$12,011	\$36,034	\$0	
Water Treatment Plant On-Site Chlorine Generator	06/30/18	2018	20	4	16	\$292,154	1.16	\$339,157	\$16,958	\$67,831	\$271,326	
Treatment Plant Salt Storage	06/30/19	2019	30	3	27	\$75,806	1.12	\$84,780	\$2,826	\$8,478	\$76,302	
Treatment Plant Compressor	06/30/20	2020	20	2	18	\$7,503	1.08	\$8,085	\$404	\$808	\$7,276	
TOTAL TREATMENT PLANTS AND TANKS						\$4,428,261		\$13,389,512	\$302,372	\$7,817,933	\$5,571,579	

Table A-3
 Calaveras Public Utility District Connection Fees Update
 CPUD Water Assets and Current Values

DRAFT

Asset Description	Date Acquired	Base Year	Years of Life	Years Deprec.	Remaining Years	ORIGINAL COST		REPLACEMENT COST				
						Original Cost	Replacement Factor	Replacement Cost Est.	Annual Depr.	Accum. Deprec.	Remaining Value	
						2022						
						e	f	$g = e * f$	$h = g / b$	$i = h * c$	$j = g - i$	
GENERAL PLANT												
Warehouse Construction	06/30/70	1970	40	52	0	\$5,573	6.95	\$38,757	\$969	\$38,757	\$0	
Dump Truck	06/30/05	2005	15	17	0	\$72,627	1.89	\$136,915	\$9,128	\$136,915	\$0	
TOTAL GENERAL PLANT						\$78,200		\$175,672	\$10,097	\$175,672	\$0	
TRANSMISSION & DISTRIBUTION												
Mokelumne River System	06/30/39	1939	40	83	0	\$20,000	22.10	\$441,988	\$11,050	\$441,988	\$0	
Construction Cost	06/30/40	1940	40	82	0	\$257,215	21.29	\$5,476,200	\$136,905	\$5,476,200	\$0	
Extension Lines	06/30/47	1947	40	75	0	\$5,127	16.40	\$84,075	\$2,102	\$84,075	\$0	
Extension Lines	06/30/48	1948	40	74	0	\$8,683	15.80	\$137,175	\$3,429	\$137,175	\$0	
Extension Lines	06/30/49	1949	40	73	0	\$8,091	15.22	\$123,143	\$3,079	\$123,143	\$0	
San Andreas Line	06/30/52	1952	40	70	0	\$104,025	13.61	\$1,415,639	\$35,391	\$1,415,639	\$0	
Line to cement plant	06/30/53	1953	40	69	0	\$9,317	13.11	\$122,150	\$3,054	\$122,150	\$0	
McCarty Dam Spillway	06/30/54	1954	25	68	0	\$25,689	12.63	\$324,465	\$12,979	\$324,465	\$0	
Highway Realignment	06/30/55	1955	40	67	0	\$16,768	12.17	\$204,035	\$5,101	\$204,035	\$0	
Mainline Extension	06/30/64	1964	40	58	0	\$6,164	8.70	\$53,618	\$1,340	\$53,618	\$0	
Mainline Extension Reimbursement	06/30/68	1968	40	54	0	\$51,073	7.49	\$382,691	\$9,567	\$382,691	\$0	
Mainline Extension Garamendi	06/30/72	1972	40	50	0	\$7,439	6.45	\$48,016	\$1,200	\$48,016	\$0	
Water Lines	06/30/74	1974	75	48	27	\$2,725,934	5.99	\$16,330,080	\$217,734	\$10,451,251	\$5,878,829	
Water Line - Construction	06/30/76	1976	75	46	29	\$9,789	5.56	\$54,427	\$726	\$33,382	\$21,045	
Paloma Water Project	06/30/78	1978	75	44	31	\$537,378	5.16	\$2,773,087	\$36,974	\$1,626,877	\$1,146,209	
Replace Line Material	06/29/83	1983	40	39	1	\$5,290	4.28	\$22,654	\$566	\$22,088	\$566	
Water Meters	03/01/87	1987	30	35	0	\$5,500	3.69	\$20,289	\$676	\$20,289	\$0	
Additions	07/01/89	1989	40	33	7	\$5,465	3.42	\$18,711	\$468	\$15,437	\$3,274	
Additions	07/01/90	1990	40	32	8	\$105,339	3.30	\$347,460	\$8,687	\$277,968	\$69,492	
Additions	07/01/90	1990	40	32	8	\$24,403	3.30	\$80,493	\$2,012	\$64,394	\$16,099	
Additions	07/01/90	1990	40	32	8	\$851,588	3.30	\$2,808,955	\$70,224	\$2,247,164	\$561,791	
Additions	07/01/91	1991	40	31	9	\$40,829	3.18	\$129,744	\$3,244	\$100,551	\$29,192	
Additions	07/01/92	1992	40	30	10	\$138,537	3.06	\$424,118	\$10,603	\$318,088	\$106,029	
Additions	06/30/94	1994	40	28	12	\$49,630	2.84	\$141,017	\$3,525	\$98,712	\$42,305	
Handheld Units, 3	07/31/94	1994	10	28	0	\$5,980	2.84	\$16,991	\$1,699	\$16,991	\$0	
Backhoe	10/31/94	1994	30	28	2	\$57,862	2.84	\$164,407	\$5,480	\$153,446	\$10,960	
Extension Lines	12/31/94	1994	40	28	12	\$6,493	2.84	\$18,449	\$461	\$12,914	\$5,535	
Line Replace Various	01/31/95	1995	10	27	0	\$10,000	2.74	\$27,373	\$2,737	\$27,373	\$0	
Extension Lines	06/30/95	1995	10	27	0	\$15,978	2.74	\$43,737	\$4,374	\$43,737	\$0	
MTR 5/8-3/4 SR DR 10G - Sensus Tech	06/30/96	1996	40	26	14	\$7,398	2.64	\$19,509	\$488	\$12,681	\$6,828	
Misc-Camellia, US Pipe, Super Plumbing	06/30/96	1996	10	26	0	\$7,225	2.64	\$19,053	\$1,905	\$19,053	\$0	
12-C-900 CL 150 Pipe - Westburne Supply	06/30/96	1996	40	26	14	\$21,983	2.64	\$57,972	\$1,449	\$37,682	\$20,290	
Lines Replacement, Various	06/30/97	1997	10	25	0	\$74,300	2.54	\$188,766	\$18,877	\$188,766	\$0	
Hydroelectric Project	06/30/98	1998	40	24	16	\$57,629	2.45	\$141,053	\$3,526	\$84,632	\$56,421	
Line Replacement Supplies	06/30/98	1998	30	24	6	\$28,845	2.45	\$70,599	\$2,353	\$56,480	\$14,120	
Pipe	06/30/98	1998	30	24	6	\$6,492	2.45	\$15,890	\$530	\$12,712	\$3,178	
Pipelines	06/30/99	1999	10	23	0	\$13,065	2.36	\$30,807	\$3,081	\$30,807	\$0	
Pickup, Toyota Tacoma 2000	06/30/00	2000	10	22	0	\$22,618	2.27	\$51,380	\$5,138	\$51,380	\$0	
Lewis Avenue	06/30/00	2000	30	22	8	\$52,792	2.27	\$119,925	\$3,998	\$87,945	\$31,980	
Air Compressor	06/30/00	2000	10	22	0	\$11,895	2.27	\$27,020	\$2,702	\$27,020	\$0	
Misc. Pipeline MTGS	06/30/00	2000	10	22	0	\$1,877	2.27	\$4,264	\$426	\$4,264	\$0	
Welder, Rock Splitter	06/30/00	2000	10	22	0	\$8,365	2.27	\$19,002	\$1,900	\$19,002	\$0	
Gold Strike Road Replacement	06/30/01	2001	40	21	19	\$17,256	2.19	\$37,765	\$944	\$19,826	\$17,938	
County Bond reimbursement	09/30/01	2001	40	21	19	(\$10,000)	2.19	(\$21,885)	(\$547)	(\$11,490)	(\$10,395)	

Table A-3
Calaveras Public Utility District Connection Fees Update
CPUD Water Assets and Current Values

DRAFT

Asset Description	Date Acquired	Base Year	Years of Life	2022			ORIGINAL COST	REPLACEMENT COST				
				Years Deprec.	Remaining Years		Original Cost	Replacement Factor	Replacement Cost Est.	Annual Depr.	Accum. Deprec.	Remaining Value
				$c = 2022 - b$	$d = b - c$	e	3.8% per year					
		a	b				f	$g = e * f$	$h = g / b$	$i = h * c$	$j = g - i$	
Valves	06/30/01	2001	10	21	0	\$6,595	2.19	\$14,433	\$1,443	\$14,433	\$0	
Pipeline from CCWD	06/30/01	2001	40	21	19	\$23,310	2.19	\$51,014	\$1,275	\$26,782	\$24,232	
Pipelines	06/30/01	2001	40	21	19	\$25,337	2.19	\$55,450	\$1,386	\$29,111	\$26,339	
Pickup truck F3504x4	02/28/02	2002	5	20	0	\$30,763	2.11	\$64,861	\$12,972	\$64,861	\$0	
Meters	06/30/02	2002	10	20	0	\$6,618	2.11	\$13,953	\$1,395	\$13,953	\$0	
Whittle pump controls	06/30/03	2003	30	19	11	\$14,820	2.03	\$30,102	\$1,003	\$19,065	\$11,037	
Winebrenner line extention	06/30/04	2004	30	18	12	\$5,708	1.96	\$11,170	\$372	\$6,702	\$4,468	
Fence materials	06/30/04	2004	30	18	12	\$28,068	1.96	\$54,924	\$1,831	\$32,955	\$21,970	
GSH Water system (dev cont)	06/30/05	2005	30	17	13	\$91,085	1.89	\$171,712	\$5,724	\$97,304	\$74,409	
Simpson road extention	06/30/06	2006	30	16	14	\$32,360	1.82	\$58,771	\$1,959	\$31,345	\$27,427	
Toyota Tacoma	06/30/07	2007	5	15	0	\$28,058	1.75	\$49,092	\$9,818	\$49,092	\$0	
Chain link fence-Jack Davis reservoir	06/30/07	2007	30	15	15	\$33,894	1.75	\$59,304	\$1,977	\$29,652	\$29,652	
Major pipeline leak repair	06/30/07	2007	30	15	15	\$111,545	1.75	\$195,169	\$6,506	\$97,584	\$97,584	
Pope & California St. new water line Ph1	06/30/09	2009	30	13	17	\$38,740	1.62	\$62,911	\$2,097	\$27,261	\$35,649	
2009 Toyota Tacoma	06/30/09	2009	5	13	0	\$28,173	1.62	\$45,751	\$9,150	\$45,751	\$0	
Paloma pressure station	06/30/09	2009	30	13	17	\$5,717	1.62	\$9,283	\$309	\$4,023	\$5,261	
Ford Truck	11/23/10	2010	5	12	0	\$34,091	1.56	\$53,335	\$10,667	\$53,335	\$0	
2009 Trail Max Trailer	10/31/10	2010	5	12	0	\$20,533	1.56	\$32,123	\$6,425	\$32,123	\$0	
Pope & California St. new water line Ph1	06/30/10	2010	30	12	18	\$40,756	1.56	\$63,762	\$2,125	\$25,505	\$38,257	
Pope & California St. new water line Ph2	10/31/11	2011	30	11	19	\$37,504	1.51	\$56,527	\$1,884	\$20,726	\$35,800	
Blastronix Upgrade	11/30/11	2011	5	11	0	\$5,145	1.51	\$7,754	\$1,551	\$7,754	\$0	
Lafayette Line Replacement	07/31/11	2011	40	11	29	\$94,301	1.51	\$142,131	\$3,553	\$99,086	\$103,045	
Foothills Terrace Water System	06/30/12	2012	40	10	30	\$36,950	1.45	\$53,652	\$1,341	\$13,413	\$40,239	
Ridge Road	06/30/13	2013	40	9	31	\$93,442	1.40	\$130,713	\$3,268	\$29,410	\$101,303	
18" Main	06/30/13	2013	40	9	31	\$37,041	1.40	\$51,816	\$1,295	\$11,659	\$40,157	
Cemetery Lane	06/30/13	2013	40	9	31	\$19,617	1.40	\$27,442	\$686	\$6,174	\$21,267	
Mokelumne Hill Tank Fence	06/30/13	2013	8	9	0	\$7,316	1.40	\$10,234	\$1,279	\$10,234	\$0	
Dozer Retrofit	06/30/13	2013	5	9	0	\$21,224	1.40	\$29,690	\$5,938	\$29,690	\$0	
Warehouse Paving	06/30/13	2013	10	9	1	\$13,350	1.40	\$18,675	\$1,867	\$16,807	\$1,867	
506 St. Charles Line Replacement	06/30/13	2013	40	9	31	\$20,765	1.40	\$29,048	\$726	\$6,536	\$22,512	
Hildebrandt Line Replacement	06/30/14	2014	40	8	32	\$69,704	1.35	\$93,938	\$2,348	\$18,788	\$75,150	
SCADA System Upgrade (Eurotherm)	06/30/15	2015	10	7	3	\$11,485	1.30	\$14,911	\$1,491	\$10,438	\$4,473	
SF Pump Station Motor and Flow Meter	06/30/15	2015	10	7	3	\$18,204	1.30	\$23,634	\$2,363	\$16,544	\$7,090	
Zimmerman & Happy Valley Line Replacement Project	06/30/15	2015	40	7	33	\$32,789	1.30	\$42,571	\$1,064	\$7,450	\$35,121	
S. Main Line Replacement Project	06/30/16	2016	40	6	34	\$205,527	1.25	\$257,071	\$6,427	\$38,561	\$218,511	
S. Main (Leger) Moke Hill Line Replacement	06/30/17	2017	40	5	35	\$69,415	1.20	\$83,644	\$2,091	\$10,456	\$73,189	
Pope/Hildebrandt Fill Station	06/30/17	2017	20	5	15	\$45,148	1.20	\$54,403	\$2,720	\$13,601	\$40,802	
Railroad Flat Fill Station	06/30/17	2017	20	5	15	\$43,726	1.20	\$52,690	\$2,634	\$13,172	\$39,517	
Mokelumne Hill Fill Station	06/30/17	2017	20	5	15	\$52,941	1.20	\$63,794	\$3,190	\$15,948	\$47,845	
2016 Ford F-350 1FD8X3B6XGED28505	06/30/17	2017	10	5	5	\$48,212	1.20	\$58,095	\$5,810	\$29,048	\$29,048	
Oak Street Line Replacement	06/30/17	2017	40	5	35	\$50,656	1.20	\$61,041	\$1,526	\$7,630	\$53,411	
High School Street Line Replacement	06/30/17	2017	40	5	35	\$78,489	1.20	\$94,579	\$2,364	\$11,822	\$82,757	
Main Control Valve Road Improvements	06/30/17	2017	15	5	10	\$31,454	1.20	\$37,902	\$2,527	\$12,634	\$25,268	
Marler Line Replacement	06/30/17	2017	40	5	35	\$53,471	1.20	\$64,432	\$1,611	\$8,054	\$56,378	
Paloma Fill Station	06/30/18	2018	20	4	16	\$34,379	1.16	\$39,910	\$1,996	\$7,982	\$31,928	
George Reed Fill Station	06/30/18	2018	20	4	16	\$34,379	1.16	\$39,910	\$1,996	\$7,982	\$31,928	
2018 Ford F-350	06/30/18	2018	10	4	6	\$31,783	1.16	\$36,896	\$3,690	\$14,758	\$22,138	
Ponderosa Meter Upgrade	06/30/18	2018	20	4	16	\$24,009	1.16	\$27,872	\$1,394	\$5,574	\$22,297	
Sunset Line Replacement Project	06/30/18	2018	40	4	36	\$402,327	1.16	\$467,055	\$11,676	\$46,706	\$420,350	
Pixley Ave Line Replacement Project	06/30/19	2019	40	3	37	\$219,096	1.12	\$245,034	\$6,126	\$18,378	\$226,656	
Court Line Replacement Project	06/30/19	2019	40	3	37	\$16,974	1.12	\$18,984	\$475	\$1,424	\$17,560	
FLEXUS F601 Portable Ultrasonic Flowmeter	06/30/19	2019	10	3	7	\$11,906	1.12	\$13,316	\$1,332	\$3,995	\$9,321	
SCADA System Upgrade	06/30/20	2020	10	2	8	\$273,668	1.08	\$294,862	\$29,486	\$58,972	\$235,890	
2020 Ford F150 XL (VIN 1FTEX1EP5LKD19366)	06/30/20	2020	5	2	3	\$29,985	1.08	\$32,307	\$6,461	\$12,923	\$19,384	
TOTAL TRANSMISSION AND DISTRIBUTION						\$8,319,879		\$36,889,958	\$846,781	\$26,269,782	\$10,620,175	
GRAND TOTAL CPUD ASSETS						\$14,898,733		\$59,389,473	\$1,285,201	\$38,615,534	\$20,773,939	

Source: CPUD Depreciation schedule.

[1] Adjusted by the average annual rate of inflation in California since 1955.

Table A-4
Calaveras Public Utility District Connection Fees Update

Installation Cost Meter Ratios

DRAFT

Meter Size	Estimated Costs by Meter Size			Installation Cost Meter Ratio
	Meter [1]	Install	Total	
1" and Smaller	\$825	\$6,150	\$6,975	1.00
1.5"	\$1,175	\$6,150	\$7,325	1.05
2"	\$1,675	\$6,150	\$7,825	1.12
3"	\$2,000	\$8,330	\$10,330	1.48
4"	\$4,800	\$8,330	\$13,130	1.88
6"	\$8,400	\$10,500	\$18,900	2.71
8"	\$13,500	\$12,680	\$26,180	3.75

Source: HEC 2022.

install ratio

[1] Costs for meter smaller than 3" based on CPUD data and costs for meters 3" and larger based on data from comparison communities.

Table A-5
Calaveras Public Utility District Connection Fees Update

Service Installation Cost Estimates

DRAFT

Labor and Equipment	Meter Size						
	1 or Smaller	1.5	2	3	4	6	8
LABOR							
Hours by Position							
Crew 1	16.00	16.00	16.00	20.00	20.00	24.00	28.00
Crew 2	16.00	16.00	16.00	20.00	20.00	24.00	28.00
Crew 3	16.00	16.00	16.00	20.00	20.00	24.00	28.00
Cost by Position							
Crew 1	\$1,200	\$1,200	\$1,200	\$1,500	\$1,500	\$1,800	\$2,100
Crew 2	\$1,200	\$1,200	\$1,200	\$1,500	\$1,500	\$1,800	\$2,100
Crew 3	\$1,200	\$1,200	\$1,200	\$1,500	\$1,500	\$1,800	\$2,100
Total Labor	\$3,600	\$3,600	\$3,600	\$4,500	\$4,500	\$5,400	\$6,300
Equipment							
Hours per Equipment Type							
District Truck	10.00	10.00	10.00	15.00	15.00	20.00	25.00
Dump Truck	4.00	4.00	4.00	6.00	6.00	8.00	10.00
Backhoe	8.00	8.00	8.00	12.00	12.00	16.00	20.00
Cost by Equipment							
District Truck	\$750	\$750	\$750	\$1,125	\$1,125	\$1,500	\$1,875
Dump Truck	\$600	\$600	\$600	\$900	\$900	\$1,200	\$1,500
Backhoe	\$1,200	\$1,200	\$1,200	\$1,800	\$1,800	\$2,400	\$3,000
Total Equipment	\$2,550	\$2,550	\$2,550	\$3,830	\$3,830	\$5,100	\$6,380
TOTAL	\$6,150	\$6,150	\$6,150	\$8,330	\$8,330	\$10,500	\$12,680

Source: CPUD and HEC July 2022.

all sizes

RESOLUTION 2022-25

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE CALAVERAS PUBLIC UTILITY DISTRICT ESTABLISHING WATER CONNECTION AND CAPACITY FEES

WHEREAS, the Board of Directors of the Calaveras Public Utility District directed staff to conduct an evaluation of the District's current fees for new connections to District facilities to ensure all costs of such additional demand are properly covered and reflected in fees charged by the District; and

WHEREAS, District staff, working with an independent consultant specializing in the calculation and allocation of such utility fees, presented a report to the Board proposing new and updated capacity and connection fees to cover the reasonable cost of service to the District and its ratepayers as a result of new connections and demand on District facilities; and

WHEREAS, the Board of Directors has determined that the adoption of this resolution is in the best interests of the District and its ratepayers, and ensures fairness, transparency and compliance with applicable state law in the calculation of such capacity and connection fees; and

WHEREAS, the District introduced and discussed this Resolution 2022-25 at the regular meeting of the Board of Directors on August 9, 2022; and

WHEREAS, the District caused to be published a Notice of this resolution in a newspaper of general circulation in the District in accordance with Government Code Section 6066 and on the District's website and held a Public Hearing on September 13, 2022 to consider this Resolution 2022-25, Establishing Water Connection and Capacity Fees.

NOW, THEREFORE, BE IT RESOLVED that the BOARD OF DIRECTORS of the CALAVERAS PUBLIC UTILITY DISTRICT does hereby establish the following fees:

New Development Fee [1]	Schedule of Fees [2]			
	Meter Size			
	<= 1"	1.5"	2"	> 2"
Connection Fee				
Meter	\$825	\$1,175	\$1,675	actual costs
Installation	\$6,150	\$6,150	\$6,150	actual costs
Total [3], [4]	\$6,975	\$7,325	\$7,825	actual costs
ADU Connection Fee [5]	\$3.67	Per Livable Bldg. Sq. Ft. [6]		
Capacity Fee				
1" and Smaller	\$10,802			
1.5"	\$16,203			
2"	\$23,764			
3"	\$39,966			
4"	\$63,730			
6"	\$123,139			
8"	\$193,350			
ADU Capacity Fee [5]	\$5.69	Per Livable Bldg. Sq. Ft. [6]		

Source: HEC July 2022.

summ

BE IT FURTHER RESOLVED that this Resolution shall take effect immediately upon its adoption.

BE IT FURTHER RESOLVED that this Resolution 2022-25 hereby amends, replaces and supersedes all prior resolutions and District policies regarding the subject matter hereof.

BE IT FURTHER RESOLVED that the foregoing Resolution was passed and adopted by the Board of Directors of the CALAVERAS PUBLIC UTILITY DISTRICT at its Regular Meeting on September 13, 2022 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Signed: _____
 J.W. Dell'Orto, President of the Board of Directors

Attest: _____
 Carissa Bear, Secretary/Clerk of the Board

NOTICE OF PUBLIC HEARING

The Calaveras Public Utility District will hold a Public Hearing on the 13th of September 2022, at 3:00 p.m. in the District Offices located at 506 W. St. Charles Street, San Andreas, CA 95249 and via Zoom following the instructions on the agenda posted on the District's website. The Board of Directors will receive and consider all comments on the proposed Resolution No 2022-25, Establishing Water Capacity and Connection Fees. The purpose of this Resolution is to update District capacity and connection fees for new construction and connections to District facilities to cover the costs to the District and its ratepayers of such additional demand.

The full text of the proposed Resolution 2022-25 is available at the District Offices and on the District website. All written and verbal comments will be received by the Board during the Public Hearing.

This Notice shall be published pursuant to the provisions of Section 6066 of the Government Code.

Carissa Bear

Secretary/Clerk of the Board

Calaveras Local Agency Formation Commission

******Official Ballot****
Independent Special District Election**

July 28, 2022

Instructions to Voters (**District Presiding Officers or Chair**)

Indicate the **name of your district** in the space provided below:

Name of the Board of Director's Presiding Officer (or) Chair:

Name: _____ **Date:** _____

Signature: _____ **Phone #:** _____

EMAIL address: _____

Place an **X** on the line before the name of the nominee you want to represent Independent Special Districts on the Local Agency Formation Commission: **Vote for one.**

_____ Jon Dashner Ebbits Pass Fire Protection District

_____ Richard Randolph Mark Twain Healthcare District

Ballot must be received by 5:00 pm **August 29, 2022**. Mail to:

Calaveras Local Agency Formation Commission
c/o John Benoit
P.O. Box 2694
Granite Bay, CA 95746

Or by Email: at j.benoit4@icloud.com

(Note: Emails received prior to 5:00 PM August 29th, 2022 and Mailed ballots postmarked on August 29th, 2022 or earlier will be accepted).



July 7, 2022

Calaveras Public Utility District

Proposal for a Water Rate Study

909 Marina Village Parkway #135 | Alameda, CA 94501 | (510) 545-3182 |
www.LTmuniconsultants.com



LECHOWICZ + TSENG
MUNICIPAL CONSULTANTS

July 7, 2022

Dear Calaveras Public Utility District,

Lechowicz & Tseng Municipal Consultants (L&T) is pleased to submit a proposal to the Calaveras Public Utility District (District) for a Water Rate Study. L&T is a women-owned firm located in the Bay Area that focuses on financial planning, utility rate and fee studies, and management consulting for California public agencies. Our staff have completed over 100 studies compliant with Propositions 218 and 26 including studies for the Cities of Anderson, Chowchilla, Kerman, Rio Dell, and Waterford and the Town of Discovery Bay, Nipomo, and Templeton Community Services Districts. Firm Principal Alison Lechowicz is from the Central Valley (Lodi) and is familiar with the challenges facing utility providers in the valley and foothills. Our approach to the water rate study is as follows:

- **Financial Analysis:** L&T analyzes revenue streams to meet immediate cash flow needs as well as fund reserves for future capital improvements. We are a registered municipal advisory firm and can offer recommendations for increasing revenues to comply with debt covenants, analyze future debt capacity, and estimate coverage ratios over the next five years. L&T will provide options to improve the financial health of the District while funding capital improvements.
- **Utility Rate Design:** The District's current rate structure is fairly unique in that it includes a base amount of water in the minimum fee and charges less per unit of consumption at higher levels of use. It is likely that this structure is out of compliance with conservation mandates (SB 606/AB 1668) and Proposition 218 proportionality requirements. L&T will evaluate revising the base allotment and/or adjusting the tiers. Our final rate recommendations will comply with Proposition 218 requirements and emphasize revenue stability.
- **Public Outreach:** Due to a difficult economic climate, outreach and public acceptance are critical tasks. Moreover, the rate study process can result in an administrative burden for smaller agencies. We provide value to our clients by taking the lead in data collection, analysis, and outreach. L&T has extensive experience drafting Proposition 218 notices, educating elected officials, and explaining the need for rate adjustments.

Our technical proposal to conduct the water rate study is attached. Our cost proposal is provided as a separate document. If you have any questions, please contact us.

Sincerely,
Lechowicz & Tseng Municipal Consultants



Alison Lechowicz, Principal and Authorized Representative
alison@LTmuniconsultants.com
209-747-3106 (cell)

TABLE OF CONTENTS

1: Staffing, Experience, Project Objectives.....	1
Who We Are.....	1
Organizational Chart.....	1
Services.....	2
Specialized Approach.....	3
Experience	4
Project Team.....	5
2: Workplan and Schedule.....	6
Project Management.....	6
Workplan	6
Level of Effort.....	11
Schedule.....	12
Potential Issues or Risks	13
3: Resumes.....	14
4: References	17
Templeton Community Services District.....	17
City of Rio Dell.....	18
City of Chowchilla	18
City of Anderson.....	19
5: Other Information & Exceptions	20
Exceptions.....	20
Municipal Securities Rulemaking Board	20

APPENDIX: STAFF PROJECT LISTS

I: STAFFING, EXPERIENCE, PROJECT OBJECTIVES

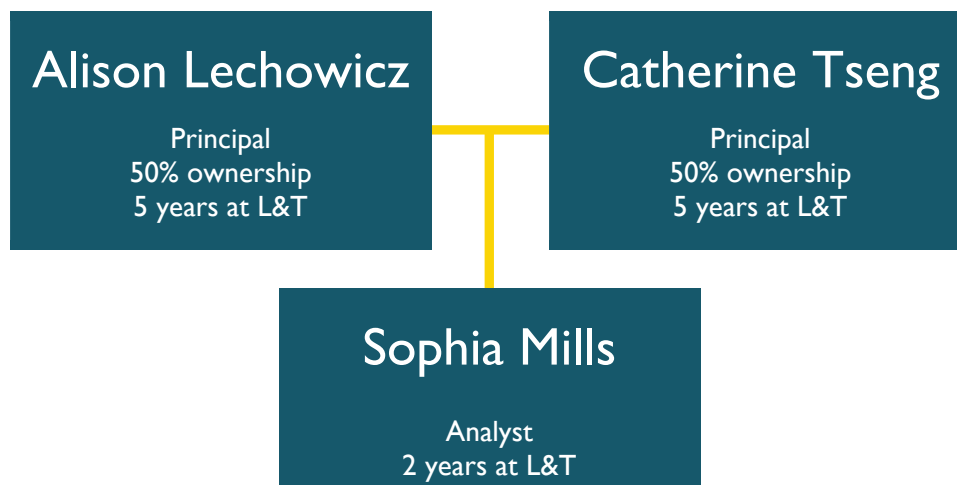
WHO WE ARE

Lechowicz & Tseng Municipal Consultants is a women-owned firm founded by Alison Lechowicz and Catherine Tseng. Our objective is to provide financial consulting and management services to local public agencies. Alison and Catherine have over 30 years combined experience in municipal consulting and public finance. Alison has experience working for a civil engineering firm and a background in public administration. Catherine has a background in urban planning and worked for the City of Oakland before becoming a consultant.

We have completed over 100 studies compliant with Propositions 218 and 26. Our recent experience includes completing projects for the Cities of Kerman, Chowchilla, San Fernando, and Waterford, the Town of Discovery Bay, and the Templeton Community Services District, among others. L&T is committed to providing professional services with superior value and responsiveness. By using a small team approach, our clients receive greater one-on-one attention and can be assured that all work is conducted by highly qualified professionals. Our clients are provided direct communication with the principal consultants who guide the project through each step.

Nature of firm: Women-owned firm organized as an LLC serving public agencies exclusively located in California
Services: Utility Rate & Fee Studies, Financial Planning, Capacity Fee Studies, Utility Appraisal, Expert Witness, Public Approval Process
Size of firm: Three staff members
Location of office: Alameda, CA
Management staff: Alison Lechowicz and Catherine Tseng
Languages spoken: English and Spanish
Registrations: Small Business Enterprise, Women-owned business, Municipal advisory firm registered with the Municipal Securities Rulemaking Board and the Securities and Exchange Commission

ORGANIZATIONAL CHART



SERVICES

Utility Rate & Fee Studies

Utility rate studies deriving both traditional and innovative rate structures that comply with cost of service principles and Proposition 218 requirements. Address policy goals, customer acceptance, and social influences.

Impact Fee/Capacity Charge Studies

Development impact fees and capacity charge studies that offset the cost of expanding infrastructure to serve new development without placing a burden on existing customers.

Financial Planning & Modeling

Comprehensive financial plans focused on immediate needs as well as the long-term viability of agencies. Our financial models are flexible and user-friendly to allow for cash flow sensitivity analysis and to illustrate the impacts of policy decisions.

Public Approval Process

Lead informational workshops to educate the public about municipal finance. We provide start-to-finish assistance in the rate and fee approval process, including presentations to decision makers, publication of reports, and printing and mailing of notices (as applicable).

Utility Appraisal

Develop an inventory of utility assets and determine fair market value. We assist public agencies with negotiating the purchase or sale of utility property.

Expert Witness

Testify on behalf of public agencies to defend against lawsuits. We also represent public agencies as streetlight customers of California's electric utility providers in rate cases at the CA Public Utilities Commission.

SPECIALIZED APPROACH

Financial Planning and Registered Municipal Advisor

Meeting the cost of service and funding infrastructure needs is the fundamental goal of the water rate study. Typically, rate increases are needed due to capital improvement funding, accumulation of reserves, loss of revenues from Covid 19 lockdowns, and conservation impacts. L&T will provide cash flow analyses showing how each of these factors impact the District's bottom line.

We understand that the District has outstanding debt and is concerned about meeting debt coverage requirements while funding future projects. Lechowicz & Tseng Municipal Consultants is a municipal financial advisory firm registered with the Municipal Securities Rulemaking Board (MSRB) and the Securities Exchange Commission (SEC). We are able to provide detailed advice regarding the timing and structure of debt and the adequacy of rate revenues to meet debt coverage requirements. L&T will conduct an in-depth review of existing loan obligations and provide scenarios for the funding of additional capital projects including rate revenues, use of reserves, grants, State Revolving Fund loans, and/or market rate debt. We will consider future debt capacity as well as impacts to the District's credit rating.



Rate Design

The District's current rate structure includes a fixed fee that covers a base allotment of water plus tiered rates for consumption over the base. The cost per unit of water is less at the higher tier than the lower tier (i.e. declining block structure). This rate structure was typically used by water purveyors that wished to expand their systems and reflect economies of scale in their pricing. However, due to conservation requirements and recent court cases, this type of rate structure is no longer commonly used. L&T will provide options to the District to potentially phase-out or reduce the base allotment and transition to a uniform rate for all levels of use or potentially an inclining tier structure.

Subsequent to the San Juan Capistrano court case, volume rates, tiered pricing, and conservation rates are under increased scrutiny in California. Agencies may no longer adopt usage rates to meet conservation objectives without a supporting cost analysis. At the same time, public agencies are under increased pressure to conserve water while maintaining stable revenues. SB 606 and AB 1668 require water purveyors to gradually reduce indoor, residential water use. While the District's minimum fees provide revenue stability, they don't encourage conservation for lower water users.

L&T's approach is to demonstrate actual costs attributable to higher levels of use such as electricity costs due to peak pumping, upsizing of equipment, conservation compliance or programs, and/or imported water costs. We will also ensure that appropriate fixed costs are recovered through meter fees (and thus protected from drought cutbacks). L&T will provide a range of scenarios to illustrate how different rate structures would impact various customers classes and low vs. high water users.

Public Outreach

We understand the District’s prior rate increase was controversial and garnered over 600 protests, most of which were submitted the night of the public hearing. L&T proposes to manage the public approval process to hopefully gain broader ratepayer support, engage the public early in the process, and streamline the Proposition 218 hearing. Our approach is to understand any “hot button” issues in your local service area and respect political sensitivities. L&T recommends holding workshops early in the process and possibly creating a Water Rate Advisory Committee. We will work with the District to gain an understanding of the objections to the prior rate study and to identify specific customer groups who have a high level of engagement with the District.

This process has been extremely beneficial in other studies that we’ve completed. As example, Alison conducted Public Works workshops for the Cities of Berkeley and Modesto. She also met with developers regarding rate and fee studies conducted for the Town of Discovery Bay and the Templeton Community Services District. Catherine Tseng worked with the 15-member Water Advisory Committee in the City of Davis.

EXPERIENCE

Provided below is a sampling of L&T’s recent projects. We enjoy working with smaller communities, and the vast majority of our rate studies over the past five years have been for agencies serving populations of 30,000 or fewer.

AGENCY	ACCOUNTS OR PARCELS	PROJECT
McMullin Area GSA	1,150	Groundwater Fee Study (2018)
City of Rio Dell	1,300	Water and Sewer Rate Study (2022)
City of Waterford	2,500	Sewer Rate Study (2019)
Templeton CSD	2,800	Water (4 Tiers) and Sewer Rate Study (2018)
City of Tehachapi	3,000	Water and Sewer Connection Fee Study (2020)
City of Anderson	3,500	Water Rate Study (2021)
City of Kingsburg	3,600	Solid Waste Rate Study (ongoing)
City of Kerman	3,800	Water and Sewer Rate Study (2018)
City of Chowchilla	3,900	Utilities Rate Study (2020)
City of San Fernando	5,000	Water and Sewer Rate Study (2019)
City of Wasco	5,200	Water and Sewer Rate Study (ongoing)
Town of Discovery Bay CSD	6,200	Water and Wastewater Rate Study (2020) Water and Wastewater Capacity Fee Study (2022)
Root Creek Water District	6,800	Multiple studies since 2017

CSD – Community Services District; GSA – Groundwater Sustainability Agency

PROJECT TEAM

Alison Lechowicz will serve as the Principal-in-Charge and main contact person. Catherine Tseng will provide peer review. Sophia Mills will serve as financial analyst. No subconsultants are needed.

Alison Lechowicz

PRINCIPAL – MAIN CONTACT PERSON



QUALIFICATIONS

15 years consulting experience
Master of Public Administration
Testified as an expert witness at the CA Public Utilities Commission
Series 50 – Municipal Advisor Representative Qualification
Series 54 – Municipal Advisor Principal Qualification

Project Manager

Funding alternatives and cash flow projection
Debt coverage ratio and debt capacity analysis
Rate recommendations
Public presentations

Catherine Tseng

PRINCIPAL

QUALIFICATIONS

15 years consulting experience
Master of Urban Planning
Bachelor of Architecture

Co-Project Manager and Peer Review

Methodological review
Review of draft and final reports
Substitute for Ms. Lechowicz as needed



- **Analyst - Sophia Mills**

2: WORKPLAN AND SCHEDULE

PROJECT MANAGEMENT

Our approach to our work is simple – we roll up our sleeves and get the job done. When initiating a project, it's impossible to know every twist and turn an assignment may take. Unexpected issues may arise, out of scope tasks may be required, and political sensitivities may become uncovered. L&T strives to be flexible and responsive to our clients. We remain available to take on additional tasks, coordinate between departments, agencies, and contractors, attend evening meetings, make presentations, and provide clerical support such as printing and mailing of public notices. Successful projects consist of both major deliverables and many small administrative tasks. Lechowicz & Tseng maintains high client satisfaction because we take responsibility for all aspects of our assignments.

WORKPLAN

Provided below is our scope to conduct the water rate study. L&T will work with the District to finalize a scope tailored to your needs.



Task 1:
Data Gathering



Task 2:
Financial Plan



Task 3:
Cost Allocation



Task 4:
Rate Design



Task 5:
Reports &
Model



Task 6:
Meetings &
Presentations



Task 7:
Prop 218
Assistance

Task 1 – Project Kickoff and Data Gathering

Kickoff Meeting

L&T will meet with District staff for a project kickoff meeting to review study goals, milestones, identify project team members, and determine roles and responsibilities.

Data Gathering

Assemble the necessary data to complete the study. The goal is to understand the District's financial standing, current rate structure, and utility billing information. A data needs list will be provided to the District prior to the kickoff meeting.

Task 2 – Financial Plan

Annual Revenue Requirements

With staff input, we will estimate future operating and capital expenditures to estimate annual revenue needs. We will factor in projections of growth, repairs and replacements, cost escalation, conservation, regulatory compliance, and operational changes to ensure that all future expenses are included.

Review Reserve Fund Targets

This subtask involves reviewing the current operating and capital reserve balances and evaluating reserve targets for emergency reserves, rate stability reserves, long term capital reserves, short term capital reserves, or other categories as appropriate. At minimum, our analysis will review the age and condition of the system, annual depreciation costs, debt service reserves, and expenses related to emergencies.

Evaluate Debt Service Coverage

L&T will review budgets, audits, and bond disclosure documents to understand current debt obligations. We will determine current coverage ratios based on net operating revenues compared to annual debt service expenses. We will also evaluate if the utility has capacity to take on additional debt at the current revenues. Our final rate recommendations will include projections to meet coverage requirements in the years to come.





Review Capital Improvement Needs

Our cash flow analysis will isolate the impacts of capital funding separate from increases needed to fund other utility expenses. Typically, L&T suggests three capital funding scenarios: 1) bare bones: fund only critical improvements, 2) priority funding: fund critical projects plus high-priority, level of service improvements, and 3) full funding: fund all proposed projects. We will work with the District to determine project affordability and adjust our rate recommendations accordingly. L&T will review various financing options to fund capi-

tal needs, including pay-as-you-go/cash funding and other debt financing alternatives, such as State loans/grants, bank loans, and certificates of participation/bonds.

Cash Flow Projections

Annual revenue requirements and capital funding needs will be used to develop long-term cash flow projections summarizing the financial position of the utility over the next 10 years. The cash flow projections will estimate rate increases needed to meet annual revenue requirements, debt obligations, and reserve fund targets.

Sensitivity Analysis

Based on input from the project team, L&T will incorporate rate sensitivity analysis to determine affordability. We will determine rate impacts under various scenarios, possibly including cash funding of projects, debt funding of projects, water cutbacks, etc. Sensitivity analysis can often become an iterative process. L&T is flexible to run additional scenarios as needed.

Task 3 – Cost Allocation

Evaluate Customer Billing Data

We will evaluate historical and current total water consumption, use in each tier, number of accounts, and other billing data to estimate future drought and normal year water demands. A key aspect of this task is to determine the amount of water use and revenue collected from meter charges and volume rates.

Functionalize Costs

Functionalization is the allocation of expenses by major operating activities including water supply, peak pumping, treatment, storage, transmission, overhead, and administration.

Allocation to Customer Classes

After costs have been categorized by function, costs are then allocated to each customer class based on water demand and customer characteristics. The result produces fixed and variable revenue requirements for each customer class which can be recovered via fixed charges and usage rates. The allocation

to customer classes will be based on American Water Works Association best practices and meet the proportionality requirements of Proposition 218.

Tiered Rate Review

In this subtask, L&T will review tier breakpoints and determine costs that can be assigned to each tier.

Survey of Local Rates

We will prepare a survey comparing current and proposed bills to other local agencies. The survey will be summarized in tables and charts that can be used for outreach, presentations, and the final report. We will also prepare a bill comparison for different levels of water use and different customer classes. The final list of surveyed agencies will be determined by the District.

Task 4 – Rate Design

Assess Current Rate Structure and Customer Classifications

Review the current rate structure and customer classifications to assess the advantages and disadvantages of the existing systems and to determine compliance with industry standards and court rulings. While compliance with Proposition 218 will guide all our recommendations, additional criteria may include: the impact on customer bills, public understanding, revenue stability, ease of implementation, compatibility with the existing billing system, and staff effort needed for administration.

Rate Alternatives

Based on the criteria developed with staff and the cost of service analysis, we will identify alternative rate structures or modifications to the current rate structure. In particular, L&T will ensure that any tiered rate options are cost-justified and compliant with recent court rulings. We intend to provide a detailed analysis to assess the appropriateness of desired tiers and to ensure compliance with the requirements of Proposition 218. We will determine if usage rates align with projected water sources and costs. L&T will also review the amount of water included in the minimum fee. It may be prudent to phase-in any adjustments over time.

Bill Impacts

Based on the recommended rates, calculate the bill impacts for a sample of typical customers including both residential and non-residential and high and low water users. If needed, develop an implementation plan to phase in adjustments.

Finalize Recommendations

Our rate recommendations will include multi-year rate increases and rate design adjustments. The final plan will show projected rates for each customer class for each year.

Task 5 – Reports & Model

Submit a draft summary report for review and feedback. The report will summarize findings and recommendations and discuss key alternatives when applicable. We will then incorporate all staff comments and update recommendations accordingly. The final report will reflect input received from staff and elected officials. Our reports are intended to serve as the administrative record and will be compliant with Propositions 218 and 26.

L&T focuses on straightforward reports and models that easily convey information. If planning assumptions change after the assignment is complete, the District will have the underlying information to change course and make adjustments. All study materials will be submitted to the District in their native format (Word, Excel, Powerpoint, etc.). L&T's materials do not contain any proprietary information or specialized software.

Task 6 – Meetings & Presentations

L&T proposes three (3) in-person meetings and three (3) virtual meetings for a typical rate study. For the in-person meetings, we recommend one (1) meeting for the presentation of initial results and rate options, one (1) meeting for the presentation of the draft report and a “Rates 101” educational overview for the community, and one (1) meeting for the Proposition 218 hearing. In addition to the kickoff meeting, suggested virtual meetings include one (1) progress meeting to review draft recommendations with the Project Team and one (1) meeting to present the final report to the Board and initiate the Proposition 218 process.

Task 7 – Proposition 218 Procedural Assistance

For an additional cost, L&T is available to provide comprehensive Proposition 218 procedural assistance including arranging the printing and mailing of the Proposition 218 notice. We recommend public agencies use the Proposition 218 notice as an outreach opportunity to explain why the rate adjustments are needed and to highlight what has been done to help reduce costs.

We will coordinate and conduct all deliverables associated with compliance with Proposition 218 including: aggregating the ratepayer and property owner mailing lists, drafting the Proposition 218 notice, translating the notice into other languages such as Spanish, printing the notices, and certifying the mailing of the notices.

RATE STUDY DELIVERABLES

- Data request list
- Kickoff meeting
- Virtual progress meetings with staff and action items distributed to the project team
- Identification of capital improvement expenses and allocation of costs
- Debt coverage projection and debt capacity analysis
- Review of prudent operating reserves and recommended reserve fund levels
- Cash flows with anticipated funding sources and cost recovery
- Analysis of fixed and variable operating and capital costs
- Evaluation of customer characteristics including water use in each existing tier
- Rate design alternatives including fixed charges, tiered rates, and drought rates
- Final five-year rate projections including options for inflationary increases
- Bill impacts and rate survey of local agencies
- Draft and final reports
- Proposition 218 public notice draft and/or educational materials
- Three (3) in-person meetings/presentations with the District (additional in-person meetings can be included for an additional cost)
- Three (3) virtual meetings
- Printing and mailing of the Proposition 218 public notice

LEVEL OF EFFORT

Provided below is an itemized table of estimated hours by team member for the Water Rate Study.

PROJECT TASKS	HOURS			Total
	Lechowicz	Tseng	Mills	
	Project Mgr	Peer Review	Financial Analyst	
1. Kickoff & Data Gathering	4	0	6	10
2. Financial Plan	14	0	8	22
3. Cost Allocation	4	0	6	10
4. Rate Design	6	1	8	15
5. Reports & Model	8	2	12	22
6. Meetings & Presentations	12	2	4	18
7. Proposition 218 Assistance	2	0	4	6
TOTAL HOURS	50	5	48	103

SCHEDULE

Provided below is Lechowicz & Tseng’s preliminary schedule for the Water Rate Study. We are flexible to revise the schedule. Additional meetings can be added as needed.

PROJECT TASK	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY
1. Kickoff & Data Gathering									
2. Financial Plan									
3. Cost Allocation									
4. Rate Design									
5. Reports & Model									
6/7. Meetings & Prop 218	V	V		I		2		V	PROP 218 3

V – virtual meeting with staff; I, 2, & 3 – in-person meetings; D – draft report submitted; F – final report submitted

Provided below are our suggested virtual and in-person meetings.

- Virtual Check-in** Kickoff meeting to be conducted ASAP after notice to proceed
- Virtual Check-in** Progress meeting with staff to review preliminary Financial Plan
- Meeting #1** Presentation of draft rate options to Board of Directors
- Meeting #2** Presentation of draft report/community engagement meeting
- Virtual Check-in** Presentation of the final report; District authorizes the Prop 218 process
- Meeting #3** Proposition 218 Rate Hearing



POTENTIAL ISSUES OR RISKS

Firm Principals Alison Lechowicz and Catherine Tseng each have over 15 years of utility consulting experience. Based on past work with similar agencies, we believe the major challenges facing the Calaveras Public Utility District are rate structure changes, affordability, and the possibility of a 50% majority protest against rate adjustments.

Rate Structure Changes and Affordability

In recent years, the District has spent some of its reserves and taken on new debt. It is likely that revenue increases are needed to meet debt coverage requirements and fund additional projects. Combined with potential overall cost of service increases, rate structure changes are needed to better align service charges with conservation mandates and Proposition 218 proportionality requirements. By adjusting the base allotment of water as well as volume rates, customers at different levels of water use will see various impacts on their bills. This is not as easily explained as a single percent increase for all ratepayers.

With high inflation, rising interest rates, and prolonged drought, customers are increasingly focused on their household bills including water service charges. Our approach is to clearly document fixed costs recovered in the fixed fee as well as costs incurred to serve higher levels of use. L&T will emphasize fairness and proportionality – higher water use customers should pay proportionally more than low water use customers.

Majority Protest

As a small public agency, the District faces a greater likelihood of customers attaining a 50% majority protest to deny a rate adjustment. In a worst-case scenario, mobilized opposition groups can go door to door distributing pre-printed protest ballots. Incorrect or mischaracterized rate information can be easily spread on social media. Since the District's prior rate increase was controversial, we understand public outreach will be a critical component of this rate study.

We recommend establishing a Rates Advisory Committee to engage the community early in the process. L&T will hear ratepayer concerns and use input to draft our recommendations. Oftentimes, it is helpful to emphasize how costs have increased in recent years, document any costs that the District does not have control over, and describe new regulations or legislative mandates. It can also be helpful to describe the impacts of no rate change such as the District being unable to provide quality service, not meeting debt coverage, falling into insolvency, and/or takeover by the state or privatization in extreme situations. By engaging the public, sharing information, and fully vetting alternatives, ratepayers can be assured that the District is pursuing the best course of action.

3: RESUMES

Alison Lechowicz



alison@
LTmuniconsultants.com



(209) 747-3106



909 Marina Village Parkway #135
Alameda, CA 94501

EXPERIENCE

- 15 years consulting experience: 5 years Co-founder and Principal at L&T Municipal Consultants, 7 years as Principal and Financial Analyst at Bartle Wells Associates, 3 years as Financial Analyst at Carollo Engineers
- Testified as an expert witness at the CA Public Utilities Commission in electric rate cases of Pacific Gas & Electric, Southern California Edison, and San Diego Gas & Electric
- Municipal Securities Rulemaking Board, Series 50 – Municipal Advisor Representative
Series 54 – Municipal Advisor Principal

EDUCATION

- **Columbia University**
Master of Public Administration
- **University of California, Berkeley**
Bachelor of Science
Conservation & Resource Studies

REPRESENTATIVE ASSIGNMENTS

Templeton CSD (San Luis Obispo County):

Completed a water and sewer rate study. Conducted an analysis of the District's four water sources, determined the marginal cost of each source, and assigned each source to a water rate tier. Evaluated the transition of the District from regional wastewater treatment to local treatment.

City of Kerman: Completed a water and sewer rate study for the City. Updated winter water use estimates for single family residential sewer rates. Phased-out discounts for multifamily sewer customers.

Town of Discovery Bay: Consultant for the Town for over ten years having conducted multiple water and sewer rate studies and capacity fee studies. Assisted the Town in recovering costs for new wastewater regulatory requirements.

Root Creek Water District (Madera County):

Financial plan for the District's groundwater basin and agricultural water service. Water, sewer, and storm drain rates and development fees for municipal service.

Kings River East Groundwater Sustainability Agency (Fresno County):

Conducted a Proposition 26 groundwater fee study to recover SGMA compliance costs and GSA formation costs. Estimated water use of growers based on landuse and crop type and allocated costs.

Catherine Tseng



catherine@
LTmuniconsultants.com



(510) 858-9228



909 Marina Village Parkway #135
Alameda, CA 94501

EXPERIENCE

- 5 years Co-founder and Principal at L&T Municipal Consultants
- 10 years prior consulting experience: Vice President at Bartle Wells Associates
- 2 years civil servant: City of Oakland
- Specializes in utility rates, capacity charge, and financing plans for public works projects, and Proposition 218 compliance

EDUCATION

- **Columbia University**
Master of Urban Planning
- **University of California, Berkeley**
Bachelor of Arts
Architecture

REPRESENTATIVE ASSIGNMENTS

City of Rio Dell: Conducted a water and sewer rate study to fund mandated capital projects and eliminate operating deficit.

City of Anderson: Completed a water rate study to address depleting reserves. Analyzed multiple rate scenarios to minimize impacts to customers.

City of San Fernando: Water and sewer financial plan and rate study and Proposition 218 printing and mailing. Offered rate options to meet affordability criteria including funding of only high priority projects.

City of Brisbane: Currently conducting a water and sewer rate study. The City last updated rates in 2013 but has not done a comprehensive cost of service analysis since 2001. The 2021 update will also evaluate rates for a new development area that will double the City's service area.

City of Chowchilla: Completed a water, sewer, storm drain, and solid waste rate study. Rates will support the City's recent bond issuances and overcome prior deficit spending for the solid waste enterprise.

Sausalito-Marín City Sanitary District: Wastewater Facilities Financial Plan to fund capital projects and reconcile past expenses. Developed multiple funding strategies for contract negotiations with a partner agency.

Sophia Mills



sophia@
LTmuniconsultants.com



(510) 529-8056
909 Marina Village Parkway #135
Alameda, CA 94501



EDUCATION

- **Davidson College**
Bachelor of Arts
Economics, Spanish

OTHER SKILLS

- Fluent in Spanish
- Proficient in Python 2.7, SAS (statistical analysis software), ArcGIS, HTML, and CSS

REPRESENTATIVE ASSIGNMENTS

City of Rio Dell: Conducted a water and sewer rate study to fund mandated capital projects and eliminate operating deficit. Analyzed impacts of alternative rate structures for each utility.

Town of Discovery Bay CSD: Water and sewer rate study. Assisted the Town in rate updates to accommodate new wastewater regulatory requirements and capital project funding.

City of Anderson: Completed a water rate study to address depleting reserves. Analyzed multiple rate scenarios to minimize impacts to customers.

City of Tehachapi: Conducted a parks and recreation development impact fee study as well as a civic impact fee study based on a 20-year planning horizon.

City of Brisbane: Currently conducting a water and sewer rate study. The City last updated rates in 2013 but has not done a comprehensive cost of service analysis since 2001. The 2022 update will also evaluate rates for a new development area that will double the City's service area.

4: REFERENCES

This section provides project references to supplement the list of our recent studies provided on page 4. We can provide additional references as needed.

TEMPLETON COMMUNITY SERVICES DISTRICT

4 Tier Water and Sewer Rate Study

The Templeton Community Services District (TCSD) is located in San Luis Obispo County on Highway 101 immediately south of the City of Paso Robles. Lechowicz & Tseng Municipal Consultants completed water and wastewater rate studies for TCSD and Alison Lechowicz served as project manager. New utility rates were unanimously adopted by the Board of Directors on September 18, 2018.



A main task of the study was to analyze TCSD's tiered water rates to comply with Proposition 218 and the San Juan Capistrano court case. Prior to Ms. Lechowicz's work, TCSD did not have an administrative record documenting the cost of service. L&T reviewed the capital and operating expenses of the District's four water sources and developed new tier breakpoints. The revised tiers better reflect long-term supply from each source and how the District operates the water system.

Jeff Britz
General Manager
jbriltz@templetonscd.org
(805) 434-4900

The sewer rate study was critical for Templeton CSD to reverse past deficit spending, accumulate emergency reserves, and transition service from regional to local treatment. Another consulting firm conducted TCSD's rate study in 2013 and revenues did not materialize as projected. Ms. Lechowicz presented options to the Board to improve the financial health of the wastewater fund over ten years. Alternatives included low/moderate rate impact options as well as aggressive funding scenarios.

CITY OF RIO DELLE

Water and Sewer Rate Study



Catherine Tseng recently served as the project manager for the Water and Sewer Rate Study. Alison Lechowicz had worked on the City's prior sewer rate study. Located in Humboldt County, the City of Rio Dell provides water and sewer services to a population of approximately 3,700. Although their sewer rates have increased annually by the change in the Consumer Price Index since 2013, the sewer fund is operating in a deficit and not meeting debt service coverage.

The water rates have not increased since 2015, and the Water Fund is facing nearly \$15 million in capital projects over the next five years to upgrade the distribution system and to seismically retrofit a storage tank. The City has applied for State grants and loans to assist with funding the mandated projects; however, rate increases are needed to retain a positive credit rating and repay debt obligations.

Kyle Knopp
City Manager
knoppk@cityofriodell.ca.gov
(707)764-3532

The City asked L&T to evaluate capital financing options, ranging from full grant funding to full loan funding. L&T also assessed the impact to rates if the City were to transition from a 70% fixed/30% variable revenue recovery to a 50% fixed/50% variable revenue recovery for both the water and sewer rates with the objective of lowering the impact on low water users.



CITY OF CHOWCHILLA

Water, Sewer, Solid Waste, and Storm Rate Study

Jason Rogers
Director of Public Works
jrogers@cityofchowchilla.org
(559) 665-8615, x300

June 2020, L&T finalized a comprehensive utility rate study for the City of Chowchilla's water, sewer, solid waste, and storm water enterprises. Alison Lechowicz served as co-financial analyst and

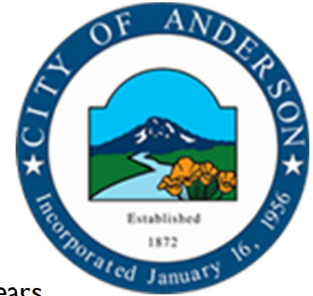
Catherine Tseng served as co-financial analyst and project manager. Located in Madera County, the City operates and maintains the water, sewer, and storm water utilities for a population of roughly 18,500. The last water and sewer rate study was conducted in 2012 in which the City adopted water and sewer rates through 2021. However, rates for the solid waste and storm drain utilities had not been increased in over 10 years.

L&T developed three rate options based on varying levels of capital funding for water, sewer, and storm water. The rate options for solid waste were based on repayment of an interfund loan to the General Fund. Since the last water and sewer rate study, the City had completed metering all customers, and the non-metered rates had been phased out. Because the City was in the second year of being fully metered, historical consumption data was limited. recommended rate adjustments through FY2024/25. L&T also managed the drafting, printing, and mailing of the Proposition 218 notice.

CITY OF ANDERSON

Water Rate Study

Located in Shasta County, the City of Anderson provides water service to about 3,500 customers. The City engaged L&T to complete a water rate study and to recommend rate adjustments through 2024/25. Catherine Tseng served as lead analyst and project manager. Water rates had not been increased in 6 years, and the Water Fund was operating in a deficit. Without rate increases, it was anticipated that the water utility's reserves would be depleted by 2024.



To minimize the impact on customers, the City restricted planned capital projects to the bare minimum for maintenance and operations. Projects for upgrades or expansion were not included. After a comprehensive review of the operating budget and capital plan, L&T proposed 5 percent annual rate increases to cover the operating deficit and to meet reserve fund targets.

The last water rate study was conducted over 10 years ago. The City wanted to maintain the current rate structure to mitigate bill impacts. To comply with Proposition 218, L&T completed a cost of service analysis using the Base-Extra Capacity method and applied updated meter capacity ratios to develop a cost basis for the current rate structure. L&T also reviewed the rates for customers located outside of the City and developed a cost basis for the increased rates.

L&T managed the drafting, printing and mailing of the Proposition 218 notice. The notice was mailed to over 4,700 property owners and tenants.

Peter Wickenheiser
Engineering Services Manager
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5: OTHER INFORMATION & EXCEPTIONS

EXCEPTIONS

L&T Municipal Consultants has no exceptions to the District's standard professional services agreement.

MUNICIPAL SECURITIES RULEMAKING BOARD

Depending on the extent of services provided under the financial planning task, the study may include municipal advisory activities subject to Municipal Securities Rulemaking Board (MSRB) oversight. Our duties as a Municipal Advisor are listed below:

- Lechowicz & Tseng Municipal Consultants will notify the client in writing, if and when, our services transition into municipal advisory services as categorized by the MSRB. Municipal advisory services will cease when the final report is presented to the client.
- Lechowicz & Tseng Municipal Consultants will provide advice and conduct activities with a “duty of care” and a “fiduciary duty” to the client. Our role and responsibilities during this engagement will continue through the completion of the project.
- Lechowicz & Tseng Municipal Consultants is a registered Municipal Advisor with the Securities and Exchange Commission (SEC Registration No. 867-02374) and the Municipal Securities Rulemaking Board (MSRB ID K1236).
- Lechowicz & Tseng Municipal Consultants has never been cited for any legal or disciplinary action regarding municipal advisory activities.
- Lechowicz & Tseng Municipal Consultants has not and will not receive any compensation from any third party seeking to provide services, municipal securities transactions, or municipal financial products related to this assignment. L&T or any of its employees will not engage in any activities that would produce a direct or indirect financial gain for the firm other than compensation for our services identified in this proposal.

The website address for the Municipal Securities Rulemaking Board (MSRB) is www.MSRB.org. The MSRB's website provides a municipal advisory client brochure that describes the protections that may be provided by the MSRB rules and how to file a complaint with an appropriate regulatory authority. The municipal advisory client brochure is accessible via a link on www.MSRB.org or can be downloaded from <http://www.msrb.org/~media/Files/Resources/MSRB-MA-Clients-Brochure>.

APPENDIX – STAFF PROJECT LISTS

Provided below is a sampling of Alison Lechowicz’s project experience since 2010. Prior to 2010, Ms. Lechowicz worked for a civil engineering firm conducting financial analysis for master plans.

CLIENT	PROJECT	DATE COMPLETED
City of Alameda	Sewer Financial Plan and Rate Study	May 2015
City of Anderson	Water and Sewer Rate Study	February 2021
Town of Apple Valley	Water System Acquisition Feasibility Analysis	July 2011
City of Berkeley	Sanitary Sewer Rate Study	June 2015
City of Carmel-by-the-Sea	Bond Refinancing	October 2010
CA City County Street Light Association	Rate economist and expert witness	March 2010 to present (ongoing)
City of Chowchilla	Water, Sewer, Storm Drain, and Solid Waste Rate Study	June 2020
City of Chula Vista	Wastewater Capacity Fee Study Salt Creek Sewer Basin Impact Fee Study Depreciation Review	May 2014 June 2015 July 2018
City of Clovis	Water User Rates and Fee Study	February 2016
City of Colfax	Sewer Rate Affordability Review	June 2010
City of Colusa	Development Impact Fee Study Water System Valuation	June 2011 September 2014
Contra Costa Water District	Water Rate Study	February 2015
City of Cotati	Water and Sewer Rate Study	February 2013
Town of Discovery Bay	Water and Sewer Rate and Capacity Fee Studies	Multiple studies since 2012
City of Emeryville	Sewer Rate Study	November 2016
Fresno Irrigation District	Financial Master Plan	Ongoing
City of Hemet	Water and Sewer Rate Studies and System Valuations Water Fund Rental Fee Analysis	July 2015 August 2018
Home Gardens Sanitary District	Sewer Rate and Capacity Fee Study	May 2015
Indian Wells Valley Water District	Bond Refinancing	December 2012
City of Kerman	Water and Sewer Rate Study	October 2018
City of Kingsburg	Solid Waste Rate Study	Ongoing
Kings River E. GSA	Groundwater Fee Study	February 2018
City of Lancaster	Streetlight Valuation	June 2014

CLIENT	PROJECT	DATE COMPLETED
City of Lindsay	Water Rate Study	June 2015
Napa Berryessa Resort Improvement District	Water and Sewer Assessment	July 2012
Newhall County Water District	Water Rate Litigation Support	November 2012
Nipomo CSD	Blacklake Sewer Rate Study Blacklake Street Light Rate Study	January 2019 March 2022
Novato Sanitary District	Capacity Fee Study Sewer Rate Study	March 2016 April 2016
City of Palmdale	Sewer Service Charge Analysis	May 2011
City of Rio Dell	Wastewater Rate Study Water and Sewer Rate Study	May 2014 April 2022
Root Creek Water District	Water, Sewer, and Storm Drain Rate Study and Financial Plan On-call consulting services	April 2016 Ongoing
San Diego County Water Authority	Cost Allocation Review	May 2011
City of San Fernando	Water and Sewer Rate Study	December 2019
San Joaquin County	Utility Appraisal	November 2018
City of Santa Clarita	Sewer Maintenance Feasibility Study	June 2014
Saticoy Sanitary District	Bank Loan Financing	September 2013
South Tahoe Public Utility District	Sewer Bond Refunding	September 2012
Stege Sanitary District	Multiple sewer rate and connection fee studies	Multiple studies since 2010
Sunnyslope County Water District	Water and Sewer Bond Refinancing	October 2014
Tahoe Truckee Sanitation Agency	Sewer Fee Ordinance Review	May 2010
City of Tehachapi	Water and Sewer Connection Fee Study Parks and Civic Impact Fee Study	February 2020 March 2021
Templeton CSD	Water and Sewer Rates and Capacity Fee Study Parks and Fire Impact Fees	November 2018
Triunfo Sanitation District	Water Infrastructure Financing Automated Meter Financing	February 2011 May 2014
Tulare Lake Drainage District	Project Financing Project Financing	March 2012 January 2013
City of Wasco	Water and Sewer Rate Study	Ongoing
City of Waterford	Sewer Rate Study	June 2019

Below is a sampling of Catherine Tseng's project experience since 2006.

CLIENT	PROJECT	DATE COMPLETED
Alameda County Water District	Water Development Fee Study	January 2012
City of Anderson	Water and Sewer Rate Study	February 2021
Armona Community Services District	Water and Sewer Rate Study	March 2008
City of Benicia	Raw Water Rate Study and Update Water Rate and Connection Fee Study and Update Drought Rate Study	August 2013 and Sept 2015 February 2013 September 2014
Big Bear City Community Services District	Water, Sewer, and Solid Waste Rate Study	May 2015
City of Brisbane	Water and Sewer Rate Study	Ongoing
City of Chowchilla	Water, Sewer, Storm Drain, and Solid Waste Rate Study	June 2020
Coastside County Water District	Water Financing Plan Water Rate Study	August 2009 January 2010
Crestline Sanitation District	Wastewater Rate Study	June 2015
City of Davis	Water Rate Study Water Rate Study Update	March 2013 September 2014
Diablo Water District	Water Bond Financing Bond Refinancing	August 2010 April 2013
El Dorado Irrigation District	Development Impact Fee Study Water Rate Study	October 2008 January 2009
Elk Grove Water District	Water Financial Plan and Rate Study	December 2007
Fairbanks North Star Borough	Bond Refinancing	November 2011 and September 2013
Fresno Irrigation District	Financial Master Plan	Ongoing
City of Glendale	Water Rate Study	May 2015
Town of Hillsborough	Water and Sewer Rate Study	December 2006
City of Hanford	Water Financing	December 2007
Humboldt Bay Municipal Water District	Water Financial Plan	April 2011
Indian Wells Valley Water District	Water Rate Study Bond Financing Water Rate Cost of Service and Development Impact Fee Study	January 2007 August 2009 January 2012 and 2015

CLIENT	PROJECT	DATE COMPLETED
City of Menlo Park	Water Rate Study Recycled Water Analysis	May 2015 October 2015
Montara Water & Sanitary District	Water and Sewer Rate Studies	Multiple studies since 2006
Montecito Water District	Drought Rate Study	February 2015
Novato Sanitary District	Bond Financing	October 2011
Olivehurst Public Utilities District	Water Rate Study and Updates	2007, 2009 and 2014
City of Patterson	Water and Sewer Rate and Capacity Fee Studies	Multiple studies since 2010
City of Rio Dell	Water and Sewer Rate Study	April 2022
Root Creek Water District	Financial Policy Manual	July 2017
Running Springs Water District	Water, Sewer, Fire and Ambulance Rate Studies	July 2010
City of San Bruno	Water and Sewer Rate Study	April 2012
City of San Fernando	Water and Sewer Rate Study	December 2019
Sanitary District No. 5 - Tiburon	Financial Review	September 2013
Sausalito-Marín City Sanitary District	Wastewater Facilities Financing Plan	May 2016
Selma Kingsburg Fowler Sanitation District	Capital Improvements Program Study	March 2008
Solano County Water Agency	Reserve Fund Study	May 2007
Sonoma County Water Agency	Sewer Service Charge and Volumetric Sewer Rate Study	August 2012
City of Tulare	Bond Financing	2010, 2012, 2013, and 2015
Union Sanitary District	Sewer Capacity Fee Study	October 2010
City of Vacaville	Water and Drought Rate Study	October 2015
Town of Yountville	Water and Sewer Rate Study Recycled Water Rate Study	February 2011 April 2012



THANK YOU



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PROJECT BUDGET

Provided below is Lechowicz & Tseng Municipal Consultants' budget for the Calaveras Public Utility District's Water Rate Study including direct expenses and three (3) in-person meetings. Tasks can be added or eliminated at the District's preference and the budget will be adjusted accordingly. The budget shown includes a maximum of two major revisions to our initial rate options. Additional rate options or revisions can be discussed with L&T. L&T will invoice the District monthly for time and materials.

PROJECT TASKS	HOURS				EXPENSES	BUDGET
	Lechowicz	Tseng	Mills	Total		
	Project Mgr	Peer Review	Financial Analyst			
	\$195/hour	\$195/hour	\$95/hour			
1. Kickoff & Data Gathering	4	0	6	10		\$1,350
2. Financial Plan	14	0	8	22		\$3,490
3. Cost Allocation	4	0	6	10		\$1,350
4. Rate Design	6	1	8	15		\$2,125
5. Reports & Model	8	2	12	22		\$3,090
6. Meetings & Presentations	12	2	4	18	600	\$3,110
SUBTOTAL	48	5	44	97	\$600	\$14,515
7. Proposition 218 Assistance*	2	0	4	6	\$3,500	\$4,270
PROJECT BUDGET w/PROP 218	50	5	48	103	\$4,700	\$18,785

* The budget includes the estimated cost to print and mail the Proposition 218 notices based on our experience with other clients of similar size. Direct expenses can vary based on the specifications for Proposition 218 notices such as black and white or color, number of pages, envelope or postcard configuration, English only or English and Spanish translations, etc. Printing costs are billed at cost (no markup) plus L&T staff time to manage the process.

BILLING RATE SCHEDULE 2022-2023

Lechowicz & Tseng's hourly rate is \$195 for principals and \$95 for staff analysts. No subconsultants are needed for this assignment. The professional time rate includes all overhead and indirect costs. Direct expenses incurred on behalf of the client will be billed at cost. Direct expenses include, but are not limited to:

- Travel, meals, lodging
- Printing and report binding
- Outside computer services or software development
- Automobile mileage
- Courier services and mailing costs
- Special legal services

L&T's hourly rate schedule is part of the quote for use in invoicing for progress payments and for any work that is requested by the District in addition to this scope of services.

Monthly Maintenance Report

July 2022

LOCATION	DESCRIPTION OF WORK	STATUS
Jeff Davis WTP	Monthly operation and maintenance	Complete
	Routine water sampling and State reporting, WTP compliance Items	Complete
	Treated Water = 43,027,912 Gallons	Complete
	Sold Water = 32,447,245 Gallons	Complete
	5' Below Spill	Ongoing
Warehouse Shop	Routine Operation's	Ongoing
South Fork Pump Station	Weekly routine checks	Complete
	Raw Water Pumped = 0 Acre Feet	Ongoing
	0" over Spill- pumps are off	Ongoing
Schaads Reservoir	Weekly checks	Complete
	All Units are off	Ongoing
	Schaads Raw Water Customer = 50,810 Gallons	Ongoing
	4' Below Spill	Ongoing
	Annual Maintenance(Roads/Powerhouse/Spillway/Valve exercising/vegetation	Complete
Glencoe Pump Station	Weekly checks - routine monitoring	Complete
Ponderosa PRV Hydro	Weekly checks - routine monitoring	Complete
MCV PRV Hydro	Weekly checks - routine monitoring	Complete
	Power line conductor (Fire retardant clean up)	Complete
Garamendi's PRV Hydro	Weekly checks - routine monitoring	Complete
San Andreas Distribution	Routine operations, sampling	Complete
	Leak 2" Steel Main Line (California st)	Complete
Moke Hill Distribution	Routine operations, sampling	Complete
	1" Service Line leak (Near Hydro1)	Complete
	Air Valve on Transmission Main (Fire Damage)	Complete
Glencoe Distribution	Routine operations	Complete
Paloma Distribution	Routine operations, sampling	Complete
		Complete
Rail Road Flat Distribution	Routine operations, sampling	Complete
		Complete
Red Hawk Res.	Maintenance	Ongoing
Safety/Training	Routine Safety Talks	Ongoing
Spray Program	Woody Brush/Round-up	Ongoing
Vehicle Maintenance		
	Two Water Rights Curtailed	Ongoing
Other	52 USA tags completed	Complete
	24 Customer service/work orders	Complete
	Monthly meter reading	Complete
	Complaints- 0 Pressure/Color	Complete
	Office Remodel	Ongoing
	S.A.F.E.R. Grant (Final Review of Feasibility study)	Ongoing
	DBP's Haa5 and TTHM Samples	Complete