CALAVERAS COUNTY WATER DISTRICT
ENGINEERING COMMITTEE MEETING

OUR MISSION

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

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

Engineering Committee
Wednesday, May 12, 2026
2:00 p.m.

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

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District Board Meetings are open to in-person attendance by the public and are conducted virtually. The public may participate in the District's Board meeting with the link below. Members of the public who participate in the meeting via teleconference or web conference will be given the opportunity to speak and address the Board, and their comments will be included in the recording of the meeting.

While the District makes efforts to facilitate remote participation, please be aware that remote Teams involvement is offered solely for convenience. In the event of a technological malfunction, the Board can only guarantee the receipt of live comments through in-person attendance. The Board retains the right to proceed with the meeting without remote access in the event of a malfunction.

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

CALL TO ORDER / PLEDGE OF ALLEGIANCE

COMMITTEE MEMBERS

Director Davidson, Chair Russ Thomas, Director

1. ROLL CALL

2. PUBLIC COMMENT

3. APPROVAL OF MINUTES: For the meetings of March 18, 2026

4. NEW BUSINESS

4a. Update Assets Management Tool
(Kevin Williams, District Engineer)

4b. ADU Policy Update
(Kevin Williams, District Engineer)

4c. Service Connection Points
(Kevin Williams, District Engineer)

4d. Service Line Fee Schedule
(Sam Singh, Senior Engineering Technician)

4e. Timber Trails Redwood Tank & Booster Pump Station
(Sam Singh, Senior Engineering Technician

5. OLD BUSINESS

5a. Project Updates
(Juan Maya, Associate Engineer)

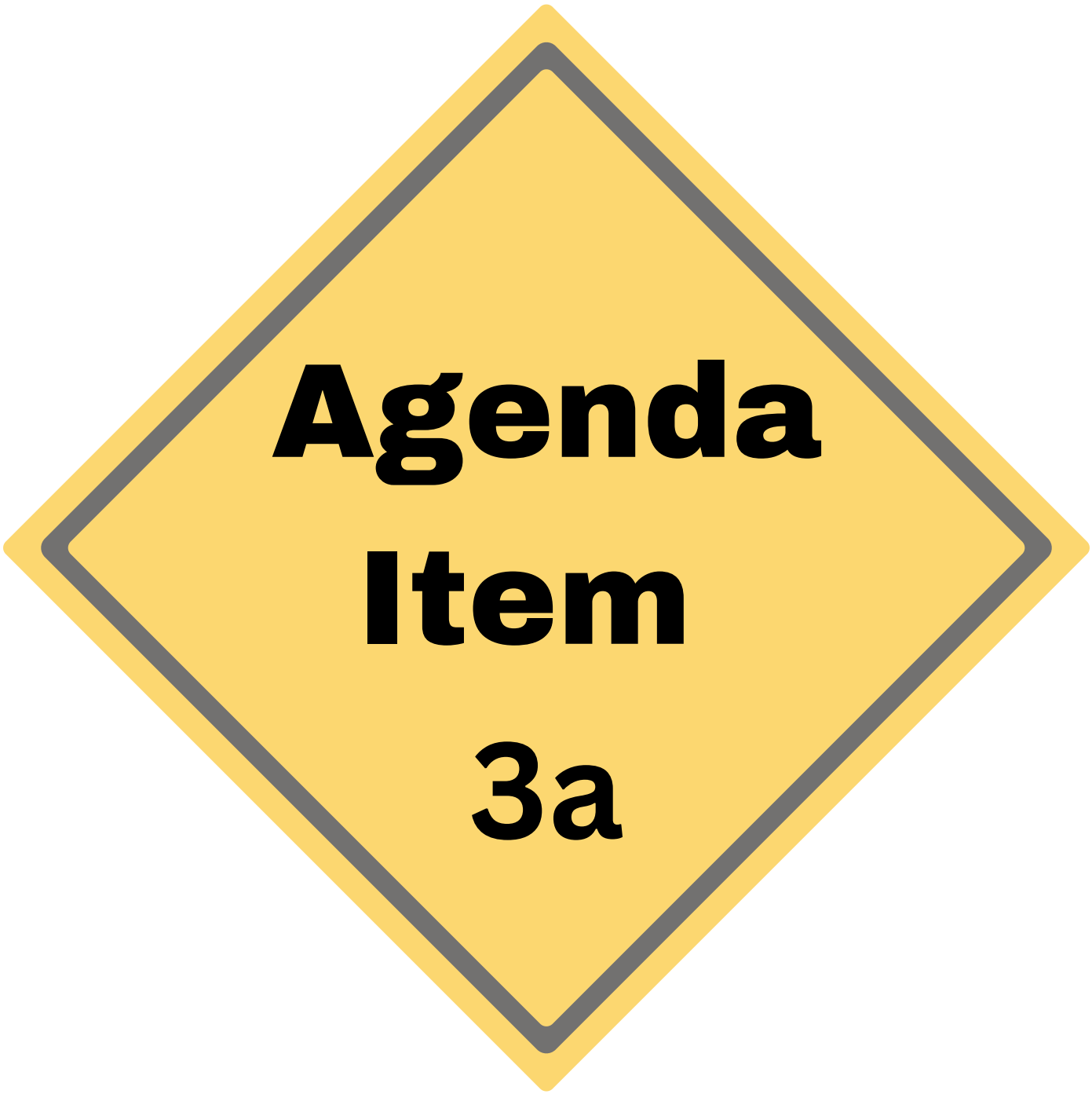
6.* GENERAL MANAGER COMMENTS

7.* DIRECTOR COMMENTS OR FUTURE AGENDA ITEMS

8. NEXT COMMITTEE MEETING:
July 7, 2026

9. ADJOURNMENT

*No information included in packet


Agenda
Item
3a

CALAVERAS COUNTY WATER DISTRICT
ENGINEERING COMMITTEE MEETING

MINUTES
March 18, 2026

Directors/Committee Members present:

Russ Thomas
Jeff Davidson

Staff present:

Michael Minkler	General Manager
Kevin Williams	District Engineer
Juan Maya	Associate Civil Engineer
Haley Airola	Engineering Coordinator
Chase King	Civil Engineer
Rebecca Hitchcock	Executive Assistance/Clerk to the board*
Jesse Hampton	Plant Operations Manager*
Damon Wyckoff	Director of Operations
Tiffany Burke	Senior Administrative Technician*
Pat Burkhardt	Construction Manager*
Stacey Lollar	Human Resources Manager *
Bana Rousan-Gedese	Water Resources Specialist*
Sam Singh	Senior Engineering Technician*
Kate Jesus	Human Resource Technician*
Kelly Gerkensmeyer	External Affairs Manager

Others present:

Scott Ratterman	Member of the Public*

CALL TO ORDER / PLEDGE OF ALLEGIANCE.

1. ROLL CALL

Director Davidson called the Engineering Committee to order at 2:00 p.m. and led the Pledge of Allegiance.

2. PUBLIC COMMENT

No public comments were made.

3. APPROVAL OF MINUTES

Minutes were approved by Director Thomas and seconded by Director Davidson.

*Attended virtually

4. NEW BUSINESS

4a. CIP 5 Year Outlook (Kevin Williams, District Engineer)

DISCUSSION: Kevin Williams presented and discussed the five-year CIP outlook for water and wastewater detailing priorities, funding sources, and rehabilitation efforts. It was recommended that this item be presented to the full Board.

PUBLIC COMMENT: No public comments were made.

5. OLD BUSINESS

6. GENERAL MANAGER COMMENTS

None

7. DIRECTOR COMMENTS OR FUTURE AGENDA ITEMS

None

8. NEXT COMMITTEE MEETING

May 5, 2026

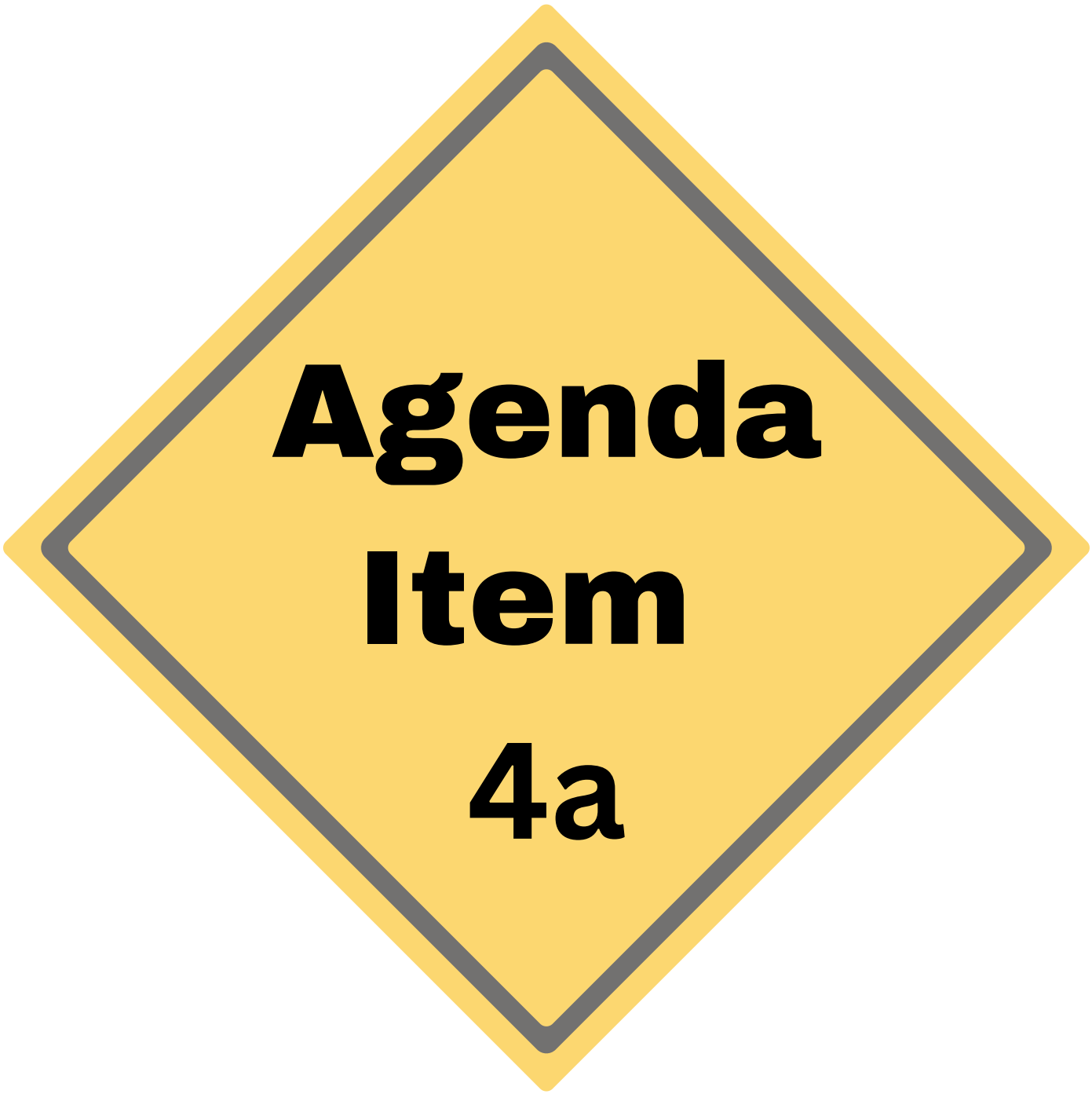
9. ADJOURNMENT

There being no further business, the meeting adjourned at approximately 3:30 pm.

Respectfully submitted,

Haley Airola

Haley Airola
Engineering Coordinator


Agenda
Item
4a

Agenda Item

DATE: May 12, 2026

TO: Michael Minkler, General Manager

FROM: Kevin Williams, District Engineer

SUBJECT: CIP Planning and Asset Management Proposal

COMMITTEE RECOMENDATION

Receive the presentation and provide direction to move forward with HDR's proposal to develop a Capital Improvement Program (CIP) planning roadmap and asset management framework.

BACKGROUND

The District has historically done a good job identifying, prioritizing, and delivering capital projects based on system needs, operational experience, and available funding. This approach is consistent with how agencies similar to CCWD have operated and has allowed the District to maintain reliable service and address critical infrastructure needs.

As we look to the future, staff is seeking to build on this foundation and continue improving how we plan for and manage our infrastructure over the long term. HDR has submitted a proposal to assist the District with developing a structured CIP planning framework and long-term roadmap.

DISCUSSION

This effort is a natural next step in improving the District's capital planning process. While we have been effective at prioritizing projects, much of that work relies on staff knowledge and experience. This proposal will help support that effort with better data, improved tools, and a clearer long-term outlook.

One of the main areas for improvement is the data behind our existing assets. Current information in GIS, mapping systems, and records is not always complete or consistent. Improving GIS accuracy and asset data will allow the District to better plan for replacement and rehabilitation before facilities reach failure.

There are also a number of newer tools available that can support asset management, including GIS integration, condition tracking, and risk-based planning. This effort will help identify practical ways to implement those tools over time.

HDR's scope includes evaluating current practices, identifying data gaps, and developing a multi-year roadmap to improve CIP planning and asset management.

HDR reached out to the District through their business development efforts to provide this service. Their team has strong local experience and specific expertise in CIP planning, GIS, and asset management for agencies like CCWD.

FINANCIAL CONSIDERATIONS

HDR has proposed a not-to-exceed budget of approximately $53,548 for the initial phase of work.

The Engineering Department has sufficient budget available for professional services in the current fiscal year, and funding request is also included in budget for next fiscal year.

Future phases will be identified through the roadmap and can be implemented over time based on priorities and available funding.

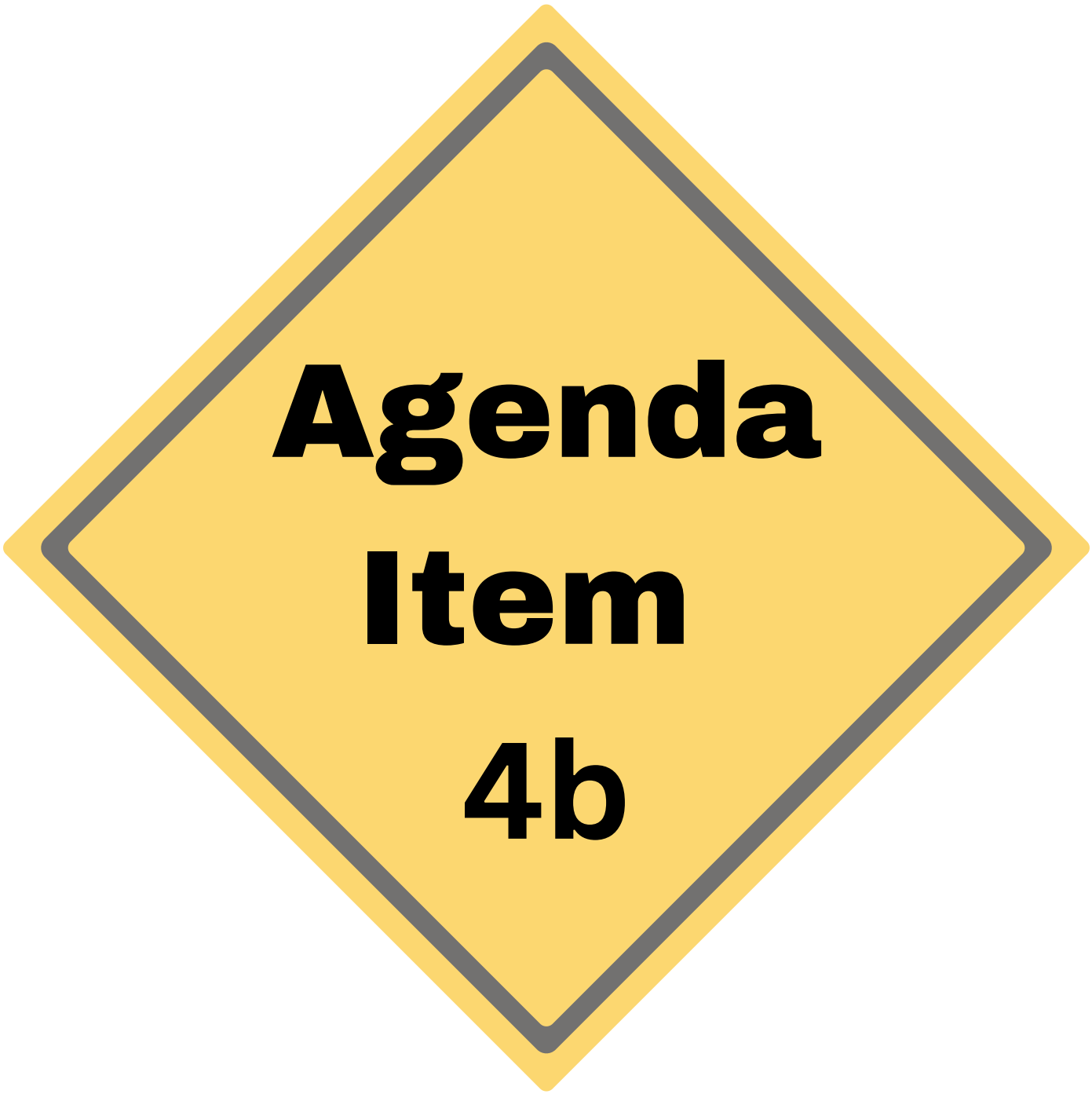
STRATEGIC PLAN ALIGNMENT

This effort supports the District's Strategic Plan by improving long-term planning, system reliability, and operational efficiency.

CONCLUSION

The District has been successful in prioritizing and delivering projects using a practical and experience-based approach. This proposal builds on that success by adding tools, improving data, and providing a longer-term planning framework.

Staff is requesting direction from the Engineering Committee to move forward with this work effort.


Agenda
Item
4b

Agenda Item

DATE: May 12, 2026

TO: Michael Minkler, General Manager

FROM: Kevin Williams, District Engineer

SUBJECT: Discussion of proposed updates to the District's Accessory Dwelling Unit (ADU) ordinance.

BACKGROUND

The District's current ADU provisions date back to 2006 and no longer reflect recent changes in State law. Over the past several years, California has passed legislation that limits how local agencies can charge connection and capacity fees for ADUs, particularly smaller units and those constructed within existing homes.

Staff has prepared a draft ordinance to bring the District into compliance while maintaining a fair approach for existing customers who have already paid into the system.

DISCUSSION

Staff is bringing this item forward for an informal discussion with the Committee before preparing a formal ordinance for Board consideration. The goal is to confirm that the overall direction makes sense from both a policy and operational standpoint.

At a high level, the proposed ordinance follows State requirements by allowing certain ADUs, generally smaller units or those built within existing structures to connect without additional connection or capacity fees.

Staff is proposing that smaller detached ADUs under 750 square feet, constructed after the primary home, would not be charged capacity fees, as these units add minimal demand to the system. The square footage is measured as the outside dimensions of the building (25'x 30' exterior dimensioned building would be considered a 750 SF ADU). These small ADUs are commonly referred to as backyard cottages, pool houses, tiny homes, or granny flats, they are typically limited to one bedroom, one bathroom, and a small kitchen. While State law allows CCWD to charge capacity fees for these

smaller units on a proportional basis. Doing so is difficult because there is a wide range of home sizes across the service area, making proportional calculations inconsistent. Additionally, ADUs under 750 square feet are not subject to impact fees from the land use agencies, so this approach maintains consistency on the size of units that will not be charged impact fees from the County. Because of the rural nature of many of our service areas there are many sheds, sea containers, outbuildings, detached garages and barns that may have been converted into some type of small living courters over the years without CCWD knowing or being identified as ADUs.

For other ADUs, particularly those that are larger (751-1,200 SF) and function more like a second single family residence, staff is proposing a scaled approach. Instead of charging the full capacity fee, these units would pay a reduced rate of 55% of a standard single-family capacity fee. The same proportional approach would apply to ongoing water and wastewater rates. The intent is to recognize that these larger ADU units do place additional demand on the system but are typically not at the same level as a full new home.

Another key component of the ordinance is allowing ADUs to utilize existing water and sewer connections where existing size is adequate. Rather than requiring a new meter or lateral in every case, Engineering would verify whether the existing infrastructure is adequate based on plumbing code standards. This can provide flexibility to customers by reducing construction cost of secondary lateral installation.

Staff has also included provisions for properties served by septic tank effluent pump (STEP) systems. In those cases, additional improvements such as a secondary tank may be required to ensure the system can handle the increased load from an ADU. The draft ordinance places responsibility for those upgrades on the applicant.

Finally, the ordinance establishes an upper threshold for what qualifies as an ADU. Units above 1,200 square feet would be treated as a full additional dwelling and would be subject to standard connection and capacity fees.

Overall, this approach is intended to strike a balance. It aligns with State law, provides a clear and consistent policy for customers, and ensures that growth continues to contribute to the cost of maintaining and expanding the District’s infrastructure.

COMMITTEE DIRECTION

Staff is looking for general feedback on the proposed approach, including whether the reduced fee structure is appropriate, and if there are any concerns with how larger ADUs are treated. Waving capacity fees on ADUs smaller than 750 SF is policy

decision that should come from the committee and the board and not necessarily a requirement of State Law.

Provide feedback and direction to staff prior to bringing a formal ordinance to the Board. In research there does not seem to be a consistent way that water agencies and city water departments handle capacity fees for ADU's, other than they charge fixed percentage or variable percentage of the capacity fees for ADUs.

Historically, CCWD charged 0.55 EDU's (**E**quivalent Single Family Home **D**welling **U**nit) for an ADU and staff does not see compelling reasons to change this number that has been historically used. To justify this calculation staff have assumed an average main home size of 1,800 SF and average ADU size of 1,000 SF, with these calculations you arrive at proportionality of 0.55 based on square footage. Calculating the proportionality for each ADU on case-by-case basis would be complicated and potentially be skewed unfairly to the customer if the main home is smaller in comparison to average sized home.

ORDINANCE NO. 2026 – ___

WHEREAS, The Board of Directors of the Calaveras County Water District adopted Ordinance No. 84-1 on September 13, 1984,

WHEREAS, on June 28, 2006, by Ordinance No. 2006-01, the Board of Directors of the Calaveras County Water District adopted an Accessory Dwelling provision to Ordinance No. 84-1,

WHEREAS, the State of California has enacted recent legislation that impacts capacity fees charged to Accessory Dwellings.

WHEREAS, The Board of Directors desires to adopt water and sewer connection fee provisions consistent with state law for accessory dwelling units, including distinctions for ADUs created within existing space, newly constructed attached or detached ADUs, and junior accessory dwelling units.

NOW, THEREFORE, BE IT RESOLVED that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT do hereby enact this Ordinance to supersede any previous Ordinance, or policy, relating to Accessory Dwelling Units and adopt the Ordinance as follows:

Section 1. Definitions

For purposes of this Ordinance, the following definitions apply:

A. “Accessory Dwelling Unit” or “ADU” has the meaning set forth in Government Code section 66313, as it may be amended from time to time.

B. “Junior Accessory Dwelling Unit” or “JADU” has the meaning set forth in Government Code section 66313 (d), as it may be amended from time to time.

C. “Primary dwelling” means the existing or proposed main residential unit located on the same parcel as the ADU or JADU.

D. “Connection fee” or “capacity charge” means a one-time charge imposed as a condition of connecting to or increasing the demands on the District’s water or sewer system, consistent with Government Code section 66013.

Section 2. Water and Sewer Connection Fees to ADUs

A. General Rule

1. ADUs and JADUs shall be served by the District's water and/or sewer systems only where service is available and consistent with District regulations, capacity limitations, and the requirements of applicable land use authorities.

B. ADUs and JADUs Connection Fee and Capacity Charge

1. A JADU or ADU described in paragraph 1 of subdivision (a) of Government Code Section 66323, shall not require a new or separate utility connection, and no connection fee or capacity charge shall be imposed.

2. All other ADU or JADU may connect through existing water and sewer service lines and meters serving the primary dwelling, and no connection fee or capacity charge will be imposed if all of the following apply:

A. The District Engineer has verified the adequacy of the water meter size based on the standards in the Uniform Pluming Code, including the primary residence and ADU or JADU, including any fire sprinkler requirements, the meter size and service line is adequate;

B. The District Engineer has verified based on the standards in the Uniform Plumbing Code, the adequacy of sewer service for both the ADU or JADU and the primary dwelling, based on the total number of fixture units;

C. The maximum total floor area of the ADU does not exceed 750 square feet.

3. If the ADU or JADU meets the requirements of Section 2 above, but the Primary Dwelling is served by a septic tank effluent pump system, the ADU or JADU will need to either install a larger septic tank effluent pump system to handle the ADU or JADU, or install a separate septic tank effluent pump system dedicated specifically for the ADU or JADU as directed by the District Engineer. Any costs incurred by the District in connection with increasing the septic tank or adding a separate system will be borne by the applicant.

4. All ADU or JADU's that do not meet the requirements of item 1 or 2 above, shall be required to install a separate water meter and/or separate sewer lateral, and the connection fee and capacity charge shall be for such new connection shall be charged at fifty five (55) percent of the District's standard connection fee and capacity charge for an equivalent single family unit in the area of the ADU or JADU.

A. Additionally, upon connection of the ADU or JADU under this Section 4 to the District's system the ADU and JADU shall be required to pay the bi-monthly water and/or wastewater rates at the current District rate times .55.

B. The maximum floor area of an ADU or JADU shall not exceed one thousand two hundred square feet. Should it exceed one thousand two hundred square feet, it shall

be required to pay the full District's standard connection fee and capacity charge and shall not be considered an ADU or JADU under this ordinance.

5. In no event shall the fee calculated under this section exceed the maximum connection or capacity charge supported by the District's most recent fee study for an additional EDU.

Section 3. Effect on Prior Actions

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

Section 4. Severability

If any section, subsection, sentence, clause, or portion of this Ordinance is, for any reason, held invalid or unconstitutional by a court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision, and such holding shall not affect the validity of the remaining portions.

Section 5. Effective Date

Within ten (10) days of adoption, this Ordinance shall be published in a newspaper of general circulation within Calaveras County. The Ordinance shall take effect thirty (30) days after its adoption.

PASSED AND ADOPTED this ____ day of _____, 2026, by the following vote:

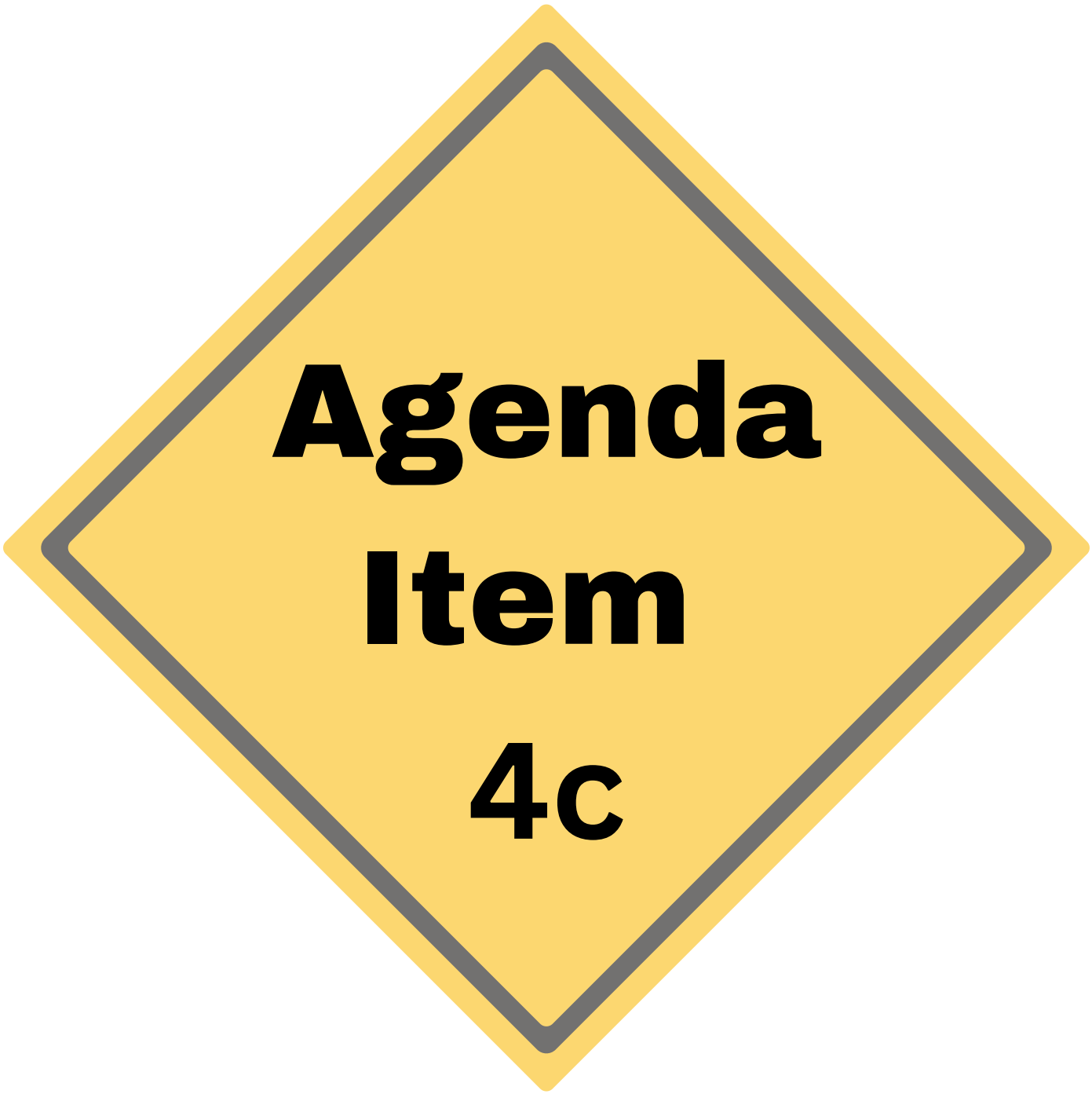
AYES:
NOES:
ABSTAIN:
ABSENT:

CALAVERAS COUNTY WATER DISTRICT

_____
Jack Garamendi, President
Board of Directors

ATTEST:

_____
Rebecca Hitchcock
Clerk to the Board


Agenda
Item
4c

Agenda Item

DATE: March 18, 2026

TO: Michael Minkler, General Manager

FROM: Kevin Williams, District Engineer

SUBJECT: Water and Sewer Connection Requirements

DISCUSSION

Staff is requesting direction on whether to develop a formal ordinance to clarify requirements for water and sewer connections within CCWD's service area. The intent is to establish clear, consistent rules that are fair to all customers, support long-term system reliability, and protect public health.

Currently, new development within CCWD's LAFCo service boundaries are referred to CCWD by the county building department for utility service and the building department requires CCWD sign-off prior to occupancy. Additionally, Environmental Health regulations prohibit the use of onsite septic systems when a sewer is available from CCWD. These processes effectively route development toward CCWD service.

Historically, CCWD has relied on connection agreements executed with the original property owner or developer. These agreements run with the property and include provisions such as maintaining active service and restrictions on ability to disconnect once connected. While enforceable, these agreements can be difficult to track down and administer over time, particularly as properties change ownership.

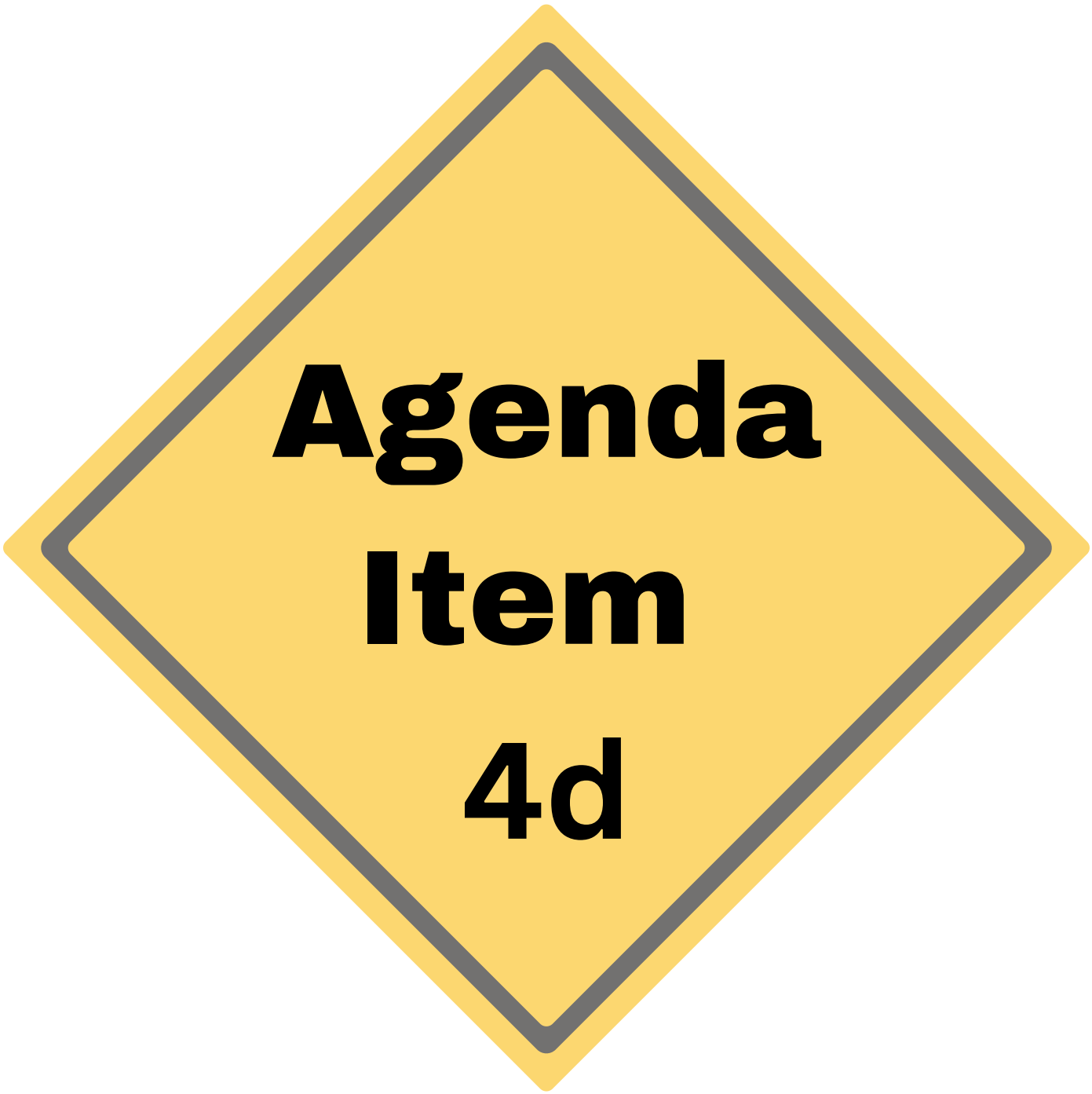
Adopting a formal ordinance would provide a cleaner and more consistent approach by applying uniform requirements to all properties within the service area and eliminate the need to maintain individual service agreements. This would align with the purpose of LAFCo boundaries, which are intended to promote orderly development and ensure that public agencies provide reliable utility service within their jurisdiction. Many other water agencies and municipalities have ordinances that require system connections.

Under a potential ordinance framework:

- Properties within the CCWD Sphere of Influence (Service Areas) would be required to connect to District water and sewer systems, and services would have to be maintained for properties with inhabitable structures.
- CCWD would evaluate all new subdivisions proposed within the County. The ordinance would clarify that CCWD has jurisdiction for both water and sewer in the entirety of Calaveras County except for areas that are within the LAFCo Boundaries of other water and sewer utilities. CCWD would review all proposed subdivisions within the County and determine if current service boundaries could be expanded to incorporate the new developments.
- Once connected, service would be required to be maintained, with limited exceptions such as building destruction due to fire or prolonged vacancy with zero historical water usage for two years, consistent with existing termination of service provisions. Upon termination, no refund would be provided for capacity fees and capacity would not be reserved. If the property owner or future property owners request to reconnect, capacity fees would be owed at current rate minus amount of capacity fees that were paid originally.
- CCWD does not require properties with existing septic systems to connect to new sewer infrastructure unless mandated by regulating agencies.
- Existing private wells currently permitted by the County can continue to be used for purposes such as agricultural or irrigation, provided the appropriate backflow protection is installed at the meter and tested annually to prevent cross-connection with the CCWD's water system.
- New private domestic wells and onsite sewer systems within the County would only be allowed where public water and sewer services are not currently available or cannot be provided by CCWD, City of Angels Camp, or another water/sewer district within the County.

District-provided water and sewer service ensures consistent water quality, reliable infrastructure, public health benefits and fire protection through a system of hydrants that benefits the entire community. This infrastructure is funded and maintained by CCWD rate payers.

This item is intended as an initial discussion. Staff is seeking committee input on whether to proceed with drafting a formal ordinance for future consideration by the Committee or the Board. The proposed ordinance framework does not change the current procedures or requirements; it just provides clarity and reduces the need to maintain individual service agreements.


Agenda
Item
4d

Agenda Item

DATE: May 12, 2026

TO: Michael Minkler, General Manager

FROM: Sam Singh, Senior Engineering Technician

SUBJECT: Service Line Fee Schedule

Recommended Action / Recommendations

Staff recommend that the Engineering Committee accepts the proposed fixed construction fee methodology for standard new domestic water service line installations, forward the recommendation to the District Board of Directors for consideration and adoption. The proposal replaces the current site-specific construction cost estimating and deposit process with a standardized fixed fee adjusted annually based on the ENR Construction Cost Index.

Background

This memorandum presents the basis for establishing a fixed construction fee for typical residential water service connections. A service connection is installed from the District's water main to the edge of private property including the water meter, meter box and customer service valve. These facilities are located within the County right of way or an existing public utility easement. The service connection terminates at the customer service valve, beyond which all piping and facilities are owned and maintained by the property owner.

Under the current practice, new service connections are evaluated on case-by-case basis to develop site-specific construction costs. Application for the new service requires the Engineering Department to request a cost to serve from the requisite Distribution or Construction personnel. Construction estimate is then used to establish a construction deposit to be collected from the applicant prior to scheduling work. This process does require multiple internal handoffs, is dependent on field personnel availability and extends the application process. Average time from the receipt of application to providing the cost applicant is three weeks.

Fixed Fee Methodology

The proposed fixed construction fee is based on the data from the District's construction of similar projects from the past 4 years, internal estimating model and reflects actual construction labor, equipment, materials, surface restoration and administrative coordination associated with typical domestic water service installation. Engineering staff worked with Construction and Distribution personnel to cover the process from

initial assessment to final restoration to ensure that all components of work were captured and addressed in the fixed fee. The fee assumes normal trenching conditions, service lengths half length of the county right of way. Installations involving conditions that materially affect cost, such as rock excavation, directional drilling or boring, arterial roadway paving, extended distances, or non-standard meter sizes (larger than 1”) are excluded and would continue to be charged based on actual costs.

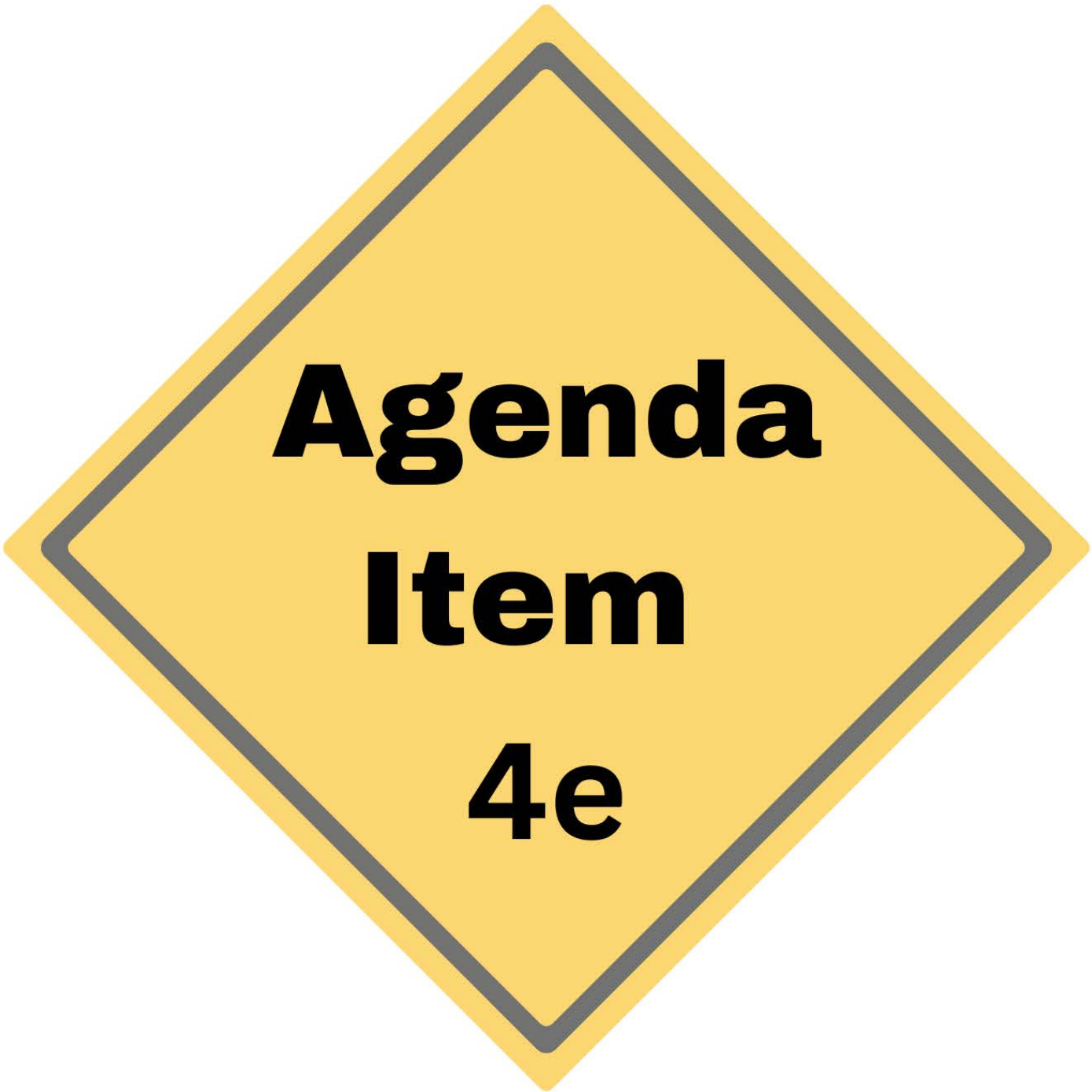
Construction work is performed by the District construction and distribution crews, includes planning, potholing for existing utilities, excavation, service saddle installation, tapping the water main, corporation stop installation, laying of polyethylene tubing to the meter. Bedding material is placed to provide proper piping support followed by installation of service line and other appurtenances such as meter valves, meter setter and boxes. Trench is backfilled per District design and construction standards, while the roadways are restored as required by the County Encroachment permit.

Additional tasks include traffic management, job site setup and field crews coordination to do the job safely and efficiently.

Use of fixed service connection fees is common among other local utility agencies operating within the county. Peer agencies practice review shows typical reserve project specific costing for non-standard installations while fixed fees for domestic water services.

Financial Considerations

The construction cost for a single domestic water service installation is estimated at $6,000, which aligns with the work described in District construction and design standards. To ensure the fixed fee remains consistent with actual construction costs over time, the fee will be adjusted annually using Construction Cost Index.


Agenda
Item
4e

Agenda Item

DATE: May 12, 2026

TO: Michael Minkler, General Manager

FROM: Sam Singh, Senior Engineering Technician

SUBJECT: Timber Trails Tank & Pump Station Project – US Bureau of Reclamation, Drought Resiliency Grant Application

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Recommended Action / Recommendations

Staff recommend that the Engineering Committee support the District's application for USBR WaterSMART funding and recommend that the Board of Directors authorize a 50 percent District cost share for the Timber Trails Redwood Tank and Pump Station Resiliency Project.

Authorization of the cost share commitment will strengthen the District's application competitiveness and demonstrate readiness to proceed with project implementation if grant funding is awarded.

Purpose

The purpose of this memorandum is to provide the Engineering Committee with an overview of the Timber Trails Redwood Tank and Pump Station Resiliency Project and to request Committee recommendation to the Board of Directors to authorize a 50 percent District cost share for the U.S. Bureau of Reclamation (USBR) WaterSMART Grant application.

Background

The Timber Trails water system serves approximately 400 residents in a rural community near Avery, California. The system primarily supports a seasonal recreational subdivision consisting of approximately 500 lots, with a mix of seasonal and year-round occupancy.

The existing system relies on a 52,800-gallon redwood potable water tank supplied by the Avery Water Treatment Plant via a booster pump station. The current facilities lack standby power and modern controls, and the pump station has limited capacity to maintain adequate storage during peak demand or emergency conditions.

In addition, the existing redwood tank presents water quality concerns associated with disinfection by-products, which can occur when chlorinated water interacts with wood materials.

Project Description

The proposed project includes the replacement of the existing redwood tank with an approximately 120,000-gallon potable water storage tank constructed of noncombustible materials to improve durability, water quality, and wildfire resilience.

The project will also construct a new booster pump station designed to meet current system demands. The pump station will include two pumps (duty and standby) with capacity to provide approximately 300 gallons per minute to support fire flow in accordance with National Fire Protection Association standards.

The pump station will be housed in a fire-resistant masonry building and will include a new electrical service, a Motor Control Center, an Automatic Transfer Switch and an emergency power generator.

Grant Opportunity

The District is pursuing funding under the USBR WaterSMART Drought Response Program, which provides cost-shared funding for projects that improve water supply reliability, modernize infrastructure, and enhance resilience to drought conditions.

Eligible applicants include local water districts such as ours, and projects are competitively evaluated based on factors such as project readiness, system benefits, and alignment with regional water resource planning efforts. The grant program requires a non-federal cost share, typically 50 percent of total project costs.

Project Benefits

The proposed improvements will significantly enhance system reliability and operational performance. Upsizing the storage tank will increase available water supply and ensure adequate storage during peak demand periods. The improved pump station will provide operational redundancy and the ability to meet fire flow requirements.

The addition of standby power will ensure system functionality during electrical outages, which is critical for maintaining water service and fire protection capability in a wildfire-prone area.

Overall, the project supports long-term drought resilience and aligns with regional and federal objectives to modernize aging infrastructure and secure reliable water supplies.

Grant Application Status

District staff, in coordination with grant consultants, are actively preparing the WaterSMART grant application. Current efforts include development of the project description, environmental documentation, cost estimates, schedule, and coordination of supporting materials.

The District previously submitted an application for this project in 2024 and was identified as a close runner-up. Following that submittal, the District received positive

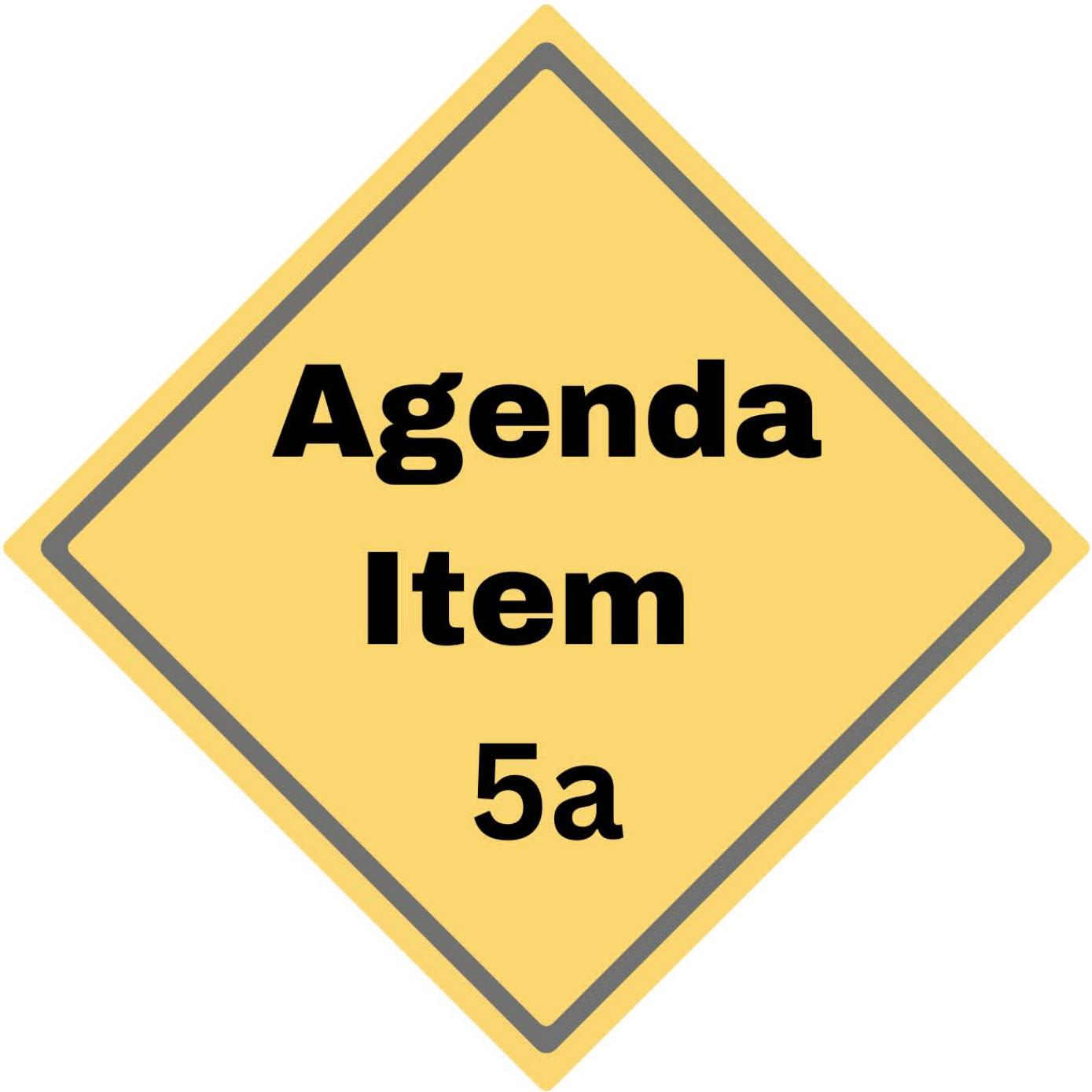
feedback from USBR staff regarding the overall strengths of the project. Building on that feedback, the current application has been enhanced to include additional technical detail, improved documentation of project benefits, and advancement of project readiness, including development toward construction-ready design. Staff believes that these refinements will strengthen the application and improve overall scoring relative to the previous submittal.

The District is also working with the United States Forest Service and other local and regional agencies to obtain letters of support, demonstrating regional collaboration and strengthening the application.

The final application submission deadline is July 28, 2026, and staff is proceeding on schedule to complete and submit all required materials.

Financial Considerations

The total project cost is estimated at approximately $3.1 million. The District is pursuing USBR WaterSMART funding with a 50/50 federal and local cost share, with a maximum federal contribution of $1.5 million. The District’s anticipated contribution is approximately $1.6 million, subject to final project costs and funding availability.


Agenda
Item
5a

Agenda Item

DATE: May 12, 2026

TO: Engineering Committee, Calaveras County Water District
Michael Minkler, General Manager

FROM: Juan Maya, Associate Engineer

RE: Project Updates

PROJECT UPDATES

Jenny Lind A–B Transmission Main – Mainline installation has been completed. D.A. Woods Construction is currently installing service lines, with 147 completed to date. Once all service lines are finished, PRV pressure zones will be established by closing boundary valves, which will help eliminate the high-pressure issues currently experienced by some customers.

The contractor is planning to initiate the Hartvickson Lane pavement overlay in June. Pavement restoration on the remaining roads will continue once the remaining service lines have been completed.

West Point–Wilseyville Consolidation Project – The project is now complete. District staff is currently finalizing grant closeout requirements with the State Water Board. Staff will also complete the required permit addendum and have requested a time extension, which must be submitted to the State Water Board within six months of project completion.

Copper Cove Pond 6 / SAF Project – The District has secured an additional $3.1 million in Section 219 Federal Funding to cover increased construction costs. An in-person meeting with USACE staff was held at the Copper Cove WWTP last month, along with ongoing virtual coordination meetings.

Delivery of the SAF unit is scheduled for May 27. Surveying efforts for construction of the SAF concrete pads have been completed, and District staff has begun pad construction while finalizing procurement of the piping and electrical materials needed for installation.

USACE is also preparing an updated Letter Report to clarify project costs and confirm that the current priority is to complete the Tertiary Treatment Plant.

Copper Cove C Transmission and Booster Pump Station – Mozingo has completed installation of the new 20-inch water transmission main. Delivery of the Booster Pump Station electrical components is scheduled for the end of the year.

The contractor is currently completing work at the C-Tanks wood building and the altitude valve piping. Final pavement restoration is scheduled to begin the week of May 11.

West Point Drought Project – Phase 1 submittals, including 60 percent design, environmental documentation, and permitting, have been submitted to Cal OES. Cal OES has completed its review and forwarded the package to FEMA. Based on prior experience, construction funding approval is anticipated within approximately 12 to 18 months, pending completion of environmental review.

Lake Tulloch Intertie – Completed design drawings have been submitted to the County for construction encroachment permitting. Upon receipt of the encroachment permit, District staff will initiate construction efforts. Construction bidding is anticipated in Summer 2026.

Huckleberry Lift Station – Design and CEQA are complete. Construction is expected to proceed once funding is secured through an upcoming grant application.

La Contenta Wastewater Treatment Plant Improvements – Environmental studies for the Phase 3 Improvements have been initiated and are currently being conducted by E-Corp Consulting. An Initial Study/Mitigated Negative Declaration (IS/MND) is being prepared, and following the public review period, a final IS/MND will be completed. Upon completion of the environmental review, the 100% design will be finalized and aligned with upcoming grant application requirements.

Ebbetts Pass Master Plan and Hydraulic Model – District staff and Hydroscience Engineering are performing final calibrations of the hydraulic model and verifying its functionality with the District's infrastructure.

Sawmill / Wallace Tank Replacement Project – The County has Conditionally Approved the LLA. Staff is working with the County, Placer Title, SPI, and Cal FIRE to finalize the acquisition and receive clearance to begin construction. Staff is reviewing Submittals and RFIs as they are received.

Arnold Sewer Master Plan – Verdantas Engineering installed seven (7) flow meters on 3/9 & 3/10 to evaluate inflow and infiltration (I&I), assess lift station capacities, and calibrate the hydraulic model to actual field conditions. The meters have captured two (2) measurable rain events so far and preliminary I/I results are in review.

Arnold Secondary Clarifier – KW Emerson has mobilized, installed the pollution prevention measures, and cleared the trees necessary for construction with observation

from the Calaveras Band of Mi-Wuk Indians. Construction on the Aerobic Digesters is scheduled to begin 5/15. Progress Payment No. 1 is pending the USDA's approval.