

ENGINEERING COMMITTEE MEETING

AGENDA

Tuesday, September 1, 2026 • 2:00 p.m.

IN-PERSON**Calaveras County Water District**

120 Toma Court

San Andreas, California 95249

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Meeting ID: 256 493 461 299 63

Passcode: 45Z8Pe7G

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 | [View strategic plan](#)**COMMITTEE MEMBERS**

District 4 - Russ Thomas, Director

District 5 - Jeff Davidson, Chair

ACCESSIBILITY | In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, contact the Administration Office at 209-754-3028. Advance notification will enable CCWD to make reasonable arrangements. Documents made available to the Board before or at the meeting, not privileged or otherwise protected from disclosure and related to agenda items, will be available at CCWD for public review.

PUBLIC PARTICIPATION | District Board meetings are open to in-person attendance and are conducted virtually. Remote participants will have an opportunity to address the Board, and comments will be included in the meeting recording. Remote access is offered for convenience. If a technological malfunction occurs, the Board can guarantee receipt of live comments only through in-person attendance and may proceed without remote access, except during a noticed teleconference meeting.

ORDER OF BUSINESS

CALL TO ORDER / PLEDGE OF ALLEGIANCE**1 ROLL CALL****2 PUBLIC COMMENT**

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

3 APPROVAL OF THE MINUTES

Approval of the minutes for the meeting of **July 14, 2026**

4 NEW BUSINESS**4a**

Hydraulic Modeling Update for Ebbetts Pass Water

Sam Singh, Senior Engineering Technician

4b

Arnold Secondary Clarifier Project Update | CIP 15095

Chase King, Senior Civil Engineer

4c

Sawmill & Wallace Tanks Project Update | CIP 11083S & 11083W

Chase King, Senior Civil Engineer

4d

Jenny Lind A-B Transmission Main Project Update | CIP 11088

Sam Singh, Senior Engineering Technician

4e

VSPUD State Revolving Fund

Kevin Williams, District Engineer

5 OLD BUSINESS**5a**

Project Updates

Sam Singh, Senior Engineering Technician

5b

Developer Updates

Kevin Williams, District Engineer

6 GENERAL MANAGER COMMENTS**7 DIRECTOR COMMENTS / FUTURE AGENDA ITEMS****8 NEXT COMMITTEE MEETINGS**

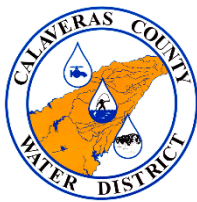
Tuesday, November 3, 2026, 2:00 p.m.

9 ADJOURNMENT

* No information included in packet.

AGENDA ITEM

3A



CALAVERAS COUNTY WATER DISTRICT ENGINEERING COMMITTEE MEETING

MINUTES
July 14, 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	Senior Civil Engineer
Rebecca Hitchcock	Executive Assistance/Clerk to the board*
Pat Burkhardt	Construction Manager*
Sam Singh	Senior Engineering Technician
Kelly Gerkenmeyer	External Affairs Manager
Tiffany Burke	Senior Administrative Technician*
Kelly Zanhiser	Director of Administrative Services
Dylan Smith	Information Systems Administrator*
Nick Schroven	Temp. Water Resources Specialist*

Others present:

Ralph Copeland	Member of the Public
Francisco De La Cruz	Member of the Public*

CALL TO ORDER / PLEDGE OF ALLEGIANCE.

1. ROLL CALL

Director Davidson called the Engineering Committee to order at 2:01 p.m. and led the Pledge of Allegiance.

2. PUBLIC COMMENT

Written public comment was provided by a member of the public.

3. APPROVAL OF MINUTES

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

4. **NEW BUSINESS**

4a. **Copperopolis I&I Study** **(Kevin Williams, District Engineer)**

DISCUSSION: Kevin Williams provided information regarding the intent for the Copperopolis I&I study. Any questions from the Committee were answered directly by Kevin Williams. It was advised by the Committee to present this item to the full Board.

PUBLIC COMMENT: No public comments were received.

4b. **Ebbetts Pass Masterplan** **(Chase King, Senior Civil Engineer)**

DISCUSSION: Chase King provided an update on the masterplan for the Ebbetts Pass region. Any questions from the Committee were answered directly by Chase King.

PUBLIC COMMENT: No public comments were received.

4c. **Arnold Sewer Masterplan** **(Chase King, Senior Civil Engineer)**

DISCUSSION: Chase King provided an update on the sewer masterplan for the Arnold collections system. Any questions from the Committee were answered directly by Chase King.

PUBLIC COMMENT: No public comments were received.

4d. **Lake Tulloch Intertie Project** **(Kevin Williams, District Engineer)**

DISCUSSION: Kevin Williams provided a brief project scope and the summary of the received Bids. Any questions from the Committee were answered directly by Kevin Williams. It was recommended that this item be presented to the full Board once the award is prepared.

PUBLIC COMMENT: Public comment was made by Ralph Copeland.

4e. **Electrical Standards Update** **(Juan Maya, Associate Engineer)**

DISCUSSION: Juan Maya provided an update on the status of the Electrical Standards. Any questions from the Committee were answered directly by Juan Maya.

PUBLIC COMMENT: No public comments were received.

**4f. Arnold Secondary Clarifier Project Update
(Chase King, Senior Civil Engineer)**

DISCUSSION: Chase King provided an update on the Arnold secondary clarifier project. Any questions from the Committee were answered directly by Chase King.

PUBLIC COMMENT: No public comments were received.

**4g. AMI Project Additional Purchases
(Kevin Williams, District Engineer)**

DISCUSSION: Kevin Williams provided information regarding the Grant funds available to purchase additional equipment for the project. Any questions from the Committee were answered directly by Kevin Williams.

PUBLIC COMMENT: Public comment was given by Fransico De La Cruz.

**4h. Developer Updates
(Sam Singh, Senior Engineering Technician)**

DISCUSSION: Sam Singh provided project updates on the current developer projects within the Districts service area. Any questions from the Committee were answered directly by Sam Singh.

PUBLIC COMMENT: Public comment was made by Ralph Copeland.

5. OLD BUSINESS

6. **GENERAL MANAGER COMMENTS**

7. **DIRECTOR COMMENTS OR FUTURE AGENDA ITEMS**

8. **NEXT COMMITTEE MEETING**

September 1, 2026

9. **ADJOURNMENT**

There being no further business, the meeting adjourned at approximately 3:05pm

Respectfully submitted,

Haley Airola

Haley Airola
Engineering Coordinator

AGENDA ITEM

4A

AGENDA ITEM 4A

SUBJECT: EBBETTS PASS HYDRAULIC MODEL UPDATE

SUMMARY:

The District and HydroScience Engineers (consultant) have substantially completed development and calibration of a new hydraulic model for the Ebbetts Pass Water Distribution System. Data collection is complete, three years of advanced metering infrastructure (AMI) data have been reviewed, customer-consumption patterns have been developed, and model calibration has been completed. The fire-flow analysis is in its final stage, with the consultant currently incorporating detailed staff review comments and additional operational information into the model. Recent calibration documentation reported that modeled static pressures were within 10 percent of field values following the incorporated corrections.

Background

The Ebbetts Pass system is hydraulically complex because of its significant elevation changes, numerous pressure zones, storage facilities, pump stations, and pressure-regulating facilities. The project was initiated to replace an outdated model, improve the District's understanding of current system conditions, support emergency and fire-flow evaluations, and develop a defensible basis for long-term infrastructure planning.

The updated model incorporates current GIS information, field observations, operational data, pump information, valve configuration, customer-demand information, and hydrant-testing results. The intention is not only to produce a planning model, but also to create a resource that can be maintained and used by District staff as operating conditions and infrastructure change.

Demand Analysis and AMI Data Review

Three years of AMI metering data were reviewed to characterize current water use and develop consumption patterns suitable for the hydraulic model. The AMI data was substantially cleaner than pre-AMI billing information, and the consultant's demand review identified preliminary single-family residential use factors of approximately 140 to 170 gallons per day, which were considered consistent with primarily indoor water use.

The demand analysis recognizes the system's mix of full-time and seasonal residents. A peak-month demand factor of 1.43 was developed from monthly billing information. Because daily hourly demand data were not available, the analysis applied a peak-day factor of 1.5 times peak-month demand, producing a peak-day factor of 2.15 relative to average annual demand for average households and other standard demand categories. California regulations similarly provide for a minimum 1.5 times factor when maximum-day demand is calculated from maximum-month usage in the absence of daily data.

These demand patterns allow the model to represent both routine operating conditions and higher-demand scenarios, including maximum-day demand and maximum-day demand combined with fire flow.

Calibration and Staff Collaboration

Model calibration required extensive collaboration among Engineering, Operations, Distribution, electrical and instrumentation staff, and the consultant. Staff reviewed record drawings, GIS and Mobile MMS information, pump curves, pressure-regulating valve data, isolation conditions, tank and pump-station information, SCADA records, and hydrant-testing results. The consultant specifically used SCADA and hydrant pressure-and-flow information to understand how the system was operating during field testing and to develop representative system demand patterns.

Engineering and Operations staff conducted field visits and collected additional pressure readings where initial model results did not match observed system performance. That work helped identify and correct pipe sizes, valve settings, active flow paths, pressure-zone boundaries, hydrant connections, and apparent discrepancies in certain data-logger readings. In one instance, the calibration table was revised to use a residual-hydrant pressure reading considered more representative of field operation, and updated PRV sizes were incorporated into the model.

This iterative review materially improved the model. Following the adjustments, the consultant reported that all modeled static pressures were within 10 percent of field values. Staff and the consultant also emphasized the importance of accurately delineating pressure zones and confirming that PRVs are correctly located and operating as they do in the field.

Fire-Flow Analysis

Fire-flow testing was performed as a separate hydraulic loading condition in addition to Maximum Day Demand. In practical terms, the model assumes that the distribution system is already serving peak-day customer demand and then applies an additional fire-flow demand at individual hydraulic nodes. This represents a conservative planning

assessment because available fire flow is evaluated while the system is simultaneously meeting elevated customer demand. The fire-flow evaluation is being conducted under maximum-day demand conditions using two controlling criteria:

1. Minimum residual pressure: 20 psi
2. Maximum pipeline velocity: 12 feet per second (fps)

The 20 psi low pressure criteria evaluate whether adequate system pressure remains while water is being withdrawn for firefighting. The high velocity of 12 fps provides an additional screening limit so that modeled fire flow is not reported at the expense of excessive pipeline velocity. The extremely high velocity conditions can lead to pipe scouring, air lock or failure in some conditions.

Preliminary maximum-day plus fire-flow results were compared with hydrant testing in field observations and were described by the consultant as generally within the expected range. Earlier model runs also identified four areas where modeled pressure was below 20 psi during maximum-day demand before adding fire flow; those locations were withheld from the initial automated fire-flow calculation pending staff review and field comparison.

NFPA 1142 provides a method for determining minimum water supplies in suburban and rural areas where adequate municipal-type supplies are unavailable or insufficient. NFPA explains that required fire flow is building-specific and is measured at 20-psi residual pressure; its published guidance identifies 500 gpm as the minimum for one- and two-family dwellings under certain circumstances, while larger or non-residential buildings can require substantially greater flow.

Total of 995 hydrant locations (nodes) were tested for fire-flow conditions. Out of the tested sites, 565 nodes provided flows higher than 1000 gpm, 332 nodes provided flow between 500gpm to 999 gpm. The remaining 95 provided flows less than 500 gpm. The results indicate that the principal systemwide limitation is pressure rather than pipe velocity.

Coordination with the Ebbetts Pass Fire Department

Coordination with the Ebbetts Pass Fire Department is an important component of the work. The Fire Chief provided the hydrant color-coding criteria requested for the model figures, allowing the consultant to display available flow information using the same format recognized by the Fire Department.

Continued coordination will help ensure that final fire-flow mapping is understandable and operationally useful, that modeled results are reviewed in the context of local emergency-

response practices, and that identified improvement priorities reflect both water-system and fire-protection considerations.

Planning Implications

Once finalized, the hydraulic model will provide a common technical basis for:

- Evaluating pressure management and PRV operation.
- Identifying underserved or hydraulically constrained areas.
- Confirming pump, pipeline, and storage requirements.
- Evaluating system redundancy and emergency operating scenarios.
- Supporting fire-protection planning and hydrant evaluations.
- Testing proposed operational changes before field implementation.
- Developing and prioritizing future capital improvement projects.
- Providing hydraulic information for future design and pre-design efforts.

The model should be maintained as a living planning tool. Significant pipeline projects, valve changes, pump replacements, tank modifications, and revised operating conditions should be incorporated as they occur so that future evaluations continue to reflect actual system operations.

FINACIAL CONSIDERATION:

The hydraulic model is being updated under the approved Master Plan efforts for the fiscal year 2026-2027. There is no additional funding needed at this time.

AGENDA ITEM

4B

AGENDA ITEM 4B

SUBJECT: CIP 15095 ARNOLD WWTF PHASE 1 IMPROVEMENTS PROJECT STATUS UPDATE

SUMMARY:

The Project will upgrade the existing wastewater treatment process and replace the electrical and control systems to improve facility reliability, capacity, and efficiency. Major process improvements include a new secondary clarifier and effluent pump; new metering and flow-splitting structures; replacement of the Return Activated Sludge and Waste Activated Sludge (RAS/WAS) pump station; and two additional aerobic digesters equipped with submersible, self-aspirating aerators.

Electrical and site improvements include a new electrical and control building with a motor control center and master control panel; upgrades to PG&E power service; replacement of the existing generator; and improvements to yard piping, grading, paving, power and control conduit and wiring, instrumentation, and PLC/SCADA controls.

CONSTRUCTION ACTIVITIES (JULY 14 TO PRESENT)

1. Control Building:
 - a. Previously unidentified conduit and an effluent line were discovered within the proposed building footprint and must be relocated. Work is on hold pending USDA approval of a change order for the relocation.
2. Meter Box:
 - a. The structure has been poured. Remaining work includes stripping the forms and grouting the snap-tie holes.
3. Flow Splitter:
 - a. The flow splitter pad has been poured.
 - b. Interior wall forms are in place, and wall reinforcing steel is partially complete.
4. Secondary Clarifier:
 - a. Excavation is complete, and the subgrade has been prepared.
 - b. Placement of prefabricated forms began on August 25.

FINANCIAL CONSIDERATION:

At its August 12 meeting, the Board approved the Tribal Cultural Resource Protection and Tribal Monitoring Agreement with the Calaveras Band of Mi-Wuk Indians (CBMI). The USDA concurred with the approval and will reimburse the District for eligible monitoring costs from the available Project contingency funds.

Because the favorable bid was well below the USDA-approved loan allocation of up to \$10,203,000.00, the District intends to request approval to use additional available funds for necessary improvements omitted from the original Project because of budget constraints. The proposed work includes rehabilitation of the existing pressure filter vessels, including coatings, underdrains, air-scour components, controls, and related blower improvements. The estimated cost is up to \$500,000.

AGENDA ITEM

4C

AGENDA ITEM 4C

SUBJECT: SAWMILL & WALLACE TANK PROJECTS UPDATE CIP 11083S & 11083W

SUMMARY:

The existing Wallace Tank and Sawmill Tank are both welded steel tanks, have reached the end of their useful lives, and are proposed to be replaced with new bolted glass-lined steel tanks (Project). The 220,000 gallon Wallace Tank will be replaced in its existing location with a new 230,000 gallon tank. The 3,000,000 gallon Sawmill Tank will be replaced with two (2) 500,000 gallon tanks to more realistically meet current and future demand, improve water quality, and provide redundancy. Both tank sites will include the removal and replacement of the existing piping, valves, and conduit, the implementation of a tank mixer, level sensor, and flow meter, and the integration of all controls with the existing PLC and HMI screen.

CONSTRUCTION ACTIVITIES

1. Wallace Tank:
 - a. District staff across all departments have been working together preparing for the start of construction, coordinating mobilization, shutdowns, and ironing out temporary operation constraints.
 - b. Moyle Excavation (Contractor) will mobilize to the site to start construction 8/31.
 - c. The temporary tanks will be prepared for service following Labor Day weekend.
 - d. The new tank is anticipated to be near completion by the end of the year.
2. Sawmill Tank:
 - a. The Contractor installed a fire hydrant at the site 7/24.
 - b. The District completed a lot line adjustment with SPI necessary for the construction of the two (2) new tanks on 8/14/26.
 - c. The acquired lot is within an active Timber Harvest Plan (THP) and needs to be removed prior to the start of construction. The District is actively working with a registered forester to submit a Conversion Exemption Application with Cal FIRE to complete this process.
 - d. The Contractor is expected to begin earthwork on the acquired lot by the end of September with anticipation of completing the construction of the tank foundations by the end of construction season on November 15.

FINACIAL CONSIDERATION:

The Contractor has not yet mobilized for the majority of the work; however, the new tanks and other major project materials have been ordered, and the associated material submittals have been approved. As a result, a significant portion of the contract value has been committed, although most construction costs have not yet been incurred.

Two change orders have been approved to date. The first addressed costs resulting from the delayed start of the Sawmill Tank work due to land acquisition constraints. The second covered additional costs to relocate the planned fire hydrant connection to the District's Reach 4 pipeline, which provides greater available pressure and flow but required a hot tap and additional materials.

The approved change orders will be funded from the Project's construction contingency. Staff will continue to monitor expenditures and report any material impacts to the approved Project budget.

AGENDA ITEM

4D

AGENDA ITEM 4D

SUBJECT: JENNY LIND A-B TRANSMISSION MAIN PROJECT UPDATE | CIP 11088

SUMMARY:

Construction of the Jenny Lind A-B Transmission Main Project is substantially complete. The project has delivered a dedicated water transmission main between Tank A and Tank B, 219 water service lines, five (5) pressure-reducing valve (PRV) stations, and associated piping, valves, and roadway restoration.

BACKGROUND

The project is located in Rancho Calaveras near Valley Springs and was developed to address the hydraulic limitations and condition of the existing transmission facilities between Tanks A and B. The existing 8-inch AC lined transmission/distribution main was a hydraulic bottleneck that limited the District's ability to reliably convey water to Tank B during periods of high demand.

The project provides a new, dedicated transmission route between the Tank A pump station and Tank B. The larger transmission main removes the identified bottleneck, improves conveyance capacity to Tank B, and supports improved pressure management, system reliability, redundancy, and fire-flow performance.

PROJECT ACCOMPLISHMENTS

Major completed improvements include:

- Installation of approximately 13,500 feet of 14-inch and 6,500 feet of 12-inch ductile-iron transmission main between Tank A and Tank B
- Installation and commissioning of five (5) PRV stations connecting the transmission main to the existing distribution system
- Replacement of 219 customer service lines along the project alignment
- Modifications to piping and appurtenances at Tank B facilities
- Installation of associated isolation valves, air-release facilities, and other transmission-system appurtenances
- Completion of pavement restoration and striping along the project alignment

The completed improvements separate the primary Tank A to Tank B transmission function from the smaller distribution mains serving properties along the route. The five PRV

connections allow water from the new transmission main to be delivered to the distribution system at controlled pressures and establishes 4 separate pressure zones. The improved system configuration has reduced short-circuiting of flow within Tank B and improved circulation and turnover. Staff expects these operational improvements will reduce water age and the potential for formation of trihalomethanes (THMs) and regulated haloacetic acids (HAA5s) in the distribution system.

Construction required extensive coordination with Calaveras County Public Works because much of the pipeline alignment is located within County Road rights-of-way. The agreement as was approved by the Board supported the cost share between the parties to overlay both lanes of Hartvickson lane.

The completed reimbursement documentation includes supporting asphalt, striping, mobilization, traffic-control.

FINACIAL CONSIDERATION:

The final construction cost is \$11,468,695. This amount includes the original construction contract and approved construction changes. Staff is processing the final contractual obligations and last payment request from the contractor. The remaining 5% retention of contract amount will be released after the closeout of the project by the Board next month.

AGENDA ITEM

4E

AGENDA ITEM 4E

SUBJECT: VSPUD STATE REVOLVING FUND

SUMMARY:

Since the Engineering Committee agenda was published, VSPUD held a Board meeting to discuss the proposed regionalization project and Clean Water State Revolving Fund (CWSRF) funding application. The VSPUD Board requested additional evaluation of project costs and financial impacts before acting on signing the application and authorizing the environmental studies.

Project development activities continue to move forward. Staff and consultants have developed a conceptual plan for the wastewater system interconnection between VSPUD and CCWD. Preliminary evaluations indicate the connection can be accomplished with a relatively straightforward infrastructure improvement and does not present significant technical challenges.

Environmental review for the collection system improvements, lift station improvements, and regional treatment components is substantially complete. The primary remaining environmental work is expected to be associated with the future decommissioning of the existing VSPUD wastewater treatment plant, which is a key component of the overall project.

A critical component of the regionalization effort will be reducing inflow and infiltration (I/I) from the VSPUD collection system. While the interconnection itself appears feasible, CCWD's ability to accept flows will depend on VSPUD implementing measures to control excessive wet weather inflows and groundwater infiltration. Addressing I/I remains an important project objective and will be necessary to protect conveyance and treatment capacity within the regional system.

Staff will continue coordinating with VSPUD, WGA (*District Engineer*), and HydroScience and will provide additional updates as the project, environmental requirements, and funding strategy continue to advance.

FINACIAL CONSIDERATION:

This application is for 100% Grant through CWSRF that would fund infrastructure improvement to CCWD La Contenta and Huckleberry Lift Stations improvements to provide regional sewage treatment. Cost associated with submitting the application in conjunction with VSPUD work efforts. VSPUD would pay CCWD for treatment of the sewage at La Contenta.

AGENDA ITEM

5A

AGENDA ITEM 5A

SUBJECT: PROJECT UPDATES

SUMMARY:

Jenny Lind A–B Transmission Main – D.A. Woods has completed the construction of transmission main, service lines and associated PRVs for the system. Paving associated with Hartvickson lane, Baldwin Lane and Usher Rd and Private Road leading up to B-tank site is complete. Operations staff have been coordinating with the contractor in setting up the pressure zones per engineering plans.

Staff are coordinating with Calaveras County Public works on finishing up the paving agreement.

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, along with ongoing virtual coordination meetings.

SAF unit was delivered to the Copper Cove Wastewater Facility and has been stored on site. District construction staff has poured pad for the installation of unit.

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 delayed until February. The electrical system components are experiencing delays throughout the industry due to high demand. The contractor has completed the final paving on Little John Road and other road segments per the Calaveras County encroachment permit.

West Point Drought Project – Phase 1 submittals, including 60 percent design, environmental documentation, and permitting, have been submitted to Cal OES. FEMA Environmental Historic Preservation Request for Information was issued and responded to in July 2026. Department of Safety of Dams released their draft comments for 60% design to the District, consultant review has been requested. Engineering staff are seeking to finish the design ahead of the Environmental review completion to avoid any

delays with DSOD. Based on prior experience, construction funding approval is anticipated within approximately 12 months, pending Environmental approval.

Lake Tulloch Intertie – The project contractor has been selected and has been awarded to Ford Construction LLC. Staff will start coordination efforts to review submittals with contractor in next few months. Construction is expected to begin early 2027.

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 Hydrosience Engineering are performing finishing efforts to the Fire Flow testing. An additional update is being provided on this as part of the agenda.

Sawmill / Wallace Tank Replacement Project – The contractor has initiated work with the Wallace Project site. Staff is working with Operations to coordinate the temporary tanks and pump setup. Demolition of old tank is expected to begin Early October.

Arnold Sewer Master Plan – Flow monitoring will continue through the upcoming wet season due to the limited significant precipitation events experienced last season. Additional monitoring is necessary to capture representative wet-weather conditions and accurately evaluate I/I impacts, lift station capacities, and actual collection system performance.

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 complete. Earth work has been in progress for the new clarifier unit.

AGENDA ITEM

5B

AGENDA ITEM 5B

SUBJECT: DEVELOPER PROJECTS

SUMMARY:

Copper Town Square

Copper Town Square Forcemain and Lift Station – CV Development has submitted the force main alignment plans for review and comment. The proposed improvements will convey wastewater from Copper Town Square to the Saddle Creek Main Lift Station in Copper Valley through a new 6-inch force main along Little John Road. CCWD completed the required CEQA documentation for the project, and the developer continues to advance design and permitting efforts. Construction is anticipated to begin following final approval of plans and receipt of required permits.

Building 15 and Townhomes – CV Development is actively constructing Building 15 within Copper Town Square. CCWD has been working closely with the developer to re-establish existing water and sewer service connections and properly abandon unused utility laterals associated with the redevelopment. In addition, CV Development has submitted plans for new townhome units and intends to begin underground utility construction in the near future, pending final approvals.

Reed Turnpike Pump Station – CV Development's contractor has mobilized to the project site and has begun receiving materials for construction of the new water pump station. The project will provide additional water supply capacity to the Copper Tank Zone and support future development within Copper Town Square. Construction activities are expected to continue over the coming months.

NVP / LGI Homes (Jenny Lind / La Contenta Service Area)

Lift Stations A and B and New Sewer Force Main – LGI Homes has submitted the majority of required construction submittals, and materials for the project have been ordered. CCWD continues to review and process submittals as they are received. Construction activities associated with the two lift stations and sewer force main are expected to begin as materials arrive and remaining approvals are completed. Pre-construction meeting schedule for next week.

Jenny Lind Elementary School Lift Station and Force Main Construction

Construction of the new sewer force main is ongoing along Berkesey Lane. The contractor has completed the concrete slab for the new lift station mechanical building located at the school site. CCWD continues to coordinate with KASL, WGA, KSN and T&S contractor, to advance construction.

CONCEPT REVIEW / PRE-APPLICATION PROCESS

CCWD continues to participate in the County's pre-application review process to identify water and wastewater service requirements early in the development review process. Staff continues to evaluate concept review applications and coordinate with developers to identify infrastructure requirements and potential impacts on District facilities.

SUMMARY

Development activity within CCWD's service area continues to increase, with multiple projects now in active design or construction. Engineering staff remains engaged in project review, construction oversight, utility coordination, and inspection activities to support these developments. The District continues utilizing CIPO project management software to improve project tracking, streamline submittal reviews, and enhance communication between staff, developers, engineers, and contractors.