

# 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  
Tuesday, January 9, 2024  
2:00 p.m.

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

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

## Microsoft Teams meeting

**Join on your computer or mobile app**

[Click here to join the meeting](#)

**Or call in (audio only)**

[+1 689-206-0281, 167550195#](#) United States, Orlando

Phone Conference ID: 167 550 195#

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

## ORDER OF BUSINESS

### CALL TO ORDER / PLEDGE OF ALLEGIANCE

1. ROLL CALL

2. PUBLIC COMMENT

3. APPROVAL OF MINUTES: For the meeting of November 2, 2023

4. NEW BUSINESS

- 4a Proposed Professional Services Agreement with Landstedt Consulting for As-Needed Grant Administration  
(Mark Rincon-Ibarra, District Engineer)

---

### COMMITTEE MEMBERS

Director Davidson, Chair

Russ Thomas, Director

- 4b Master Meter at Meadowmont Shopping Center  
(Sam Singh, Senior Engineering Tech)
- 4c Discussion on Proposal from Crosno Construction for Rehabilitation of Jenny Lind Water  
Treatment Plant Clearwell #2, CIP 11083J  
(Kevin Williams, Senior Civil Engineer)
- 4d Service Termination Request Variance West Point  
(Sam Singh, Senior Engineering Tech)

**5. OLD BUSINESS**

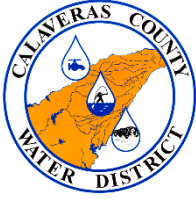
- 5a Capital Improvement Updates  
(Engineering Department)
- 5b Other Updates  
(Engineering Department)

**6.\* GENERAL MANAGER COMMENTS**

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

**8. NEXT COMMITTEE MEETING: March 5, 2024**

**9. ADJOURNMENT**



# CALAVERAS COUNTY WATER DISTRICT ENGINEERING COMMITTEE MEETING

**MINUTES**  
**November 2, 2023**

Directors/Committee Members present:

Russ Thomas  
Jeff Davidson

Staff present:

Michael Minkler	General Manager
Kate Jesus	Human Resources Technician
Mark Rincon-Ibarra	District Engineer
Kevin Williams	Senior Civil Engineer
Bob Godwin	Senior Civil Engineer
Sam Singh	Senior Engineering Technician
Jared Gravette	Senior Supervisor Construction Inspection
Kelly Gerkenmeyer	Water Resources Specialist
Damon Wyckoff	Director of Operations
Pat Burkhardt	Construction and Maintenance Manager
Stacey Lollar	Human Resources Manager

Others present:

Ralph Copeland                      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**

There was no public comment.

**3.     APPROVAL OF MINUTES**

The September 21, 2023 minutes were approved by a motion from Director Thomas and seconded by Director Davidson.

**4.     NEW BUSINESS**

**4a     Introduction of New Engineer  
(Mark Rincon-Ibarra, District Engineer)**

Mr. Rincon-Ibarra introduced Juan Maya, the District's new Civil Engineer who has come from Tuolumne County with a background in Water Resources.

**4b Proposed Contract Amendment for PBI, Inc. Engineering Services During Construction for Copper Cove Phase 1 and 2 Tank B & Clearwell Project, CIP 11083C**

**(Charles Palmer, Senior Civil Engineer)**

Mr. Palmer presented a proposed contract amendment to the original Professional Services agreement that was approved by the Board on September 19<sup>th</sup>. The amendment would include additional engineering services during the construction phase of the project. The total of the contract amendment would be \$161,788. The Committee discussed the details of the amendment and agreed to bring to the full Board at the next regular meeting.

**5. OLD BUSINESS**

**5a Capital Improvement Project Updates  
(Engineering Department)**

Kevin Williams presented a PowerPoint presentation that included the following project updates:

- Hunters Raw Water Intake Project – New location of the electrical controls, replacement of pumps, and environmental review process.
- Arnold Wastewater Treatment Plant Project – Grant funding application process including the environmental review.
- Jenny Lind Water System A-B Water Transmission Pipeline – Project bid schedule.
- La Contenta WWTP Biolac and UV Improvement Project – Recent meeting to discuss project details.
- Jenny Lind Water Treatment Clearwell #2 – Repair and repainting of tank including possible roof replacement.
- Copper Cove B-C Transmission Main/Emergency Interconnect – Project design at 50%.
- West Point Wilseyville WWTP Consolidation Project – Completion update to meet funding requirement.
- Copper Cove Lift Station Project (LS 15, 18 & Forcemain) – Installation of wet wells and construction of retaining wall.
- West Point WTP Filter Project – Completion by the end of year and project closeout in January 2024.
- Redwood Tanks Replacements – Completion and project closeout with CalOES at the next regular Board meeting.
- Forest Meadows Wastewater UV Project – Concrete and electrical work update.
- Copper Cove Clearwell and Tank B Project – Removal of existing redwood tank and foundation work and underground piping.
- FERC Dam and Hydroelectric Inspections – Winter weather damage update.

**5b Other Updates  
(Engineering Department)**

Charles Palmer gave updates on the following developer projects:

- Copper Valley Town Square – Recent meetings including the developer’s proposal of commercial buildings, commercial plaza area, and Town Square townhomes and the ongoing infrastructure improvements required by the District.
- Gold Creek Subdivision Unit 3 – Outstanding punchlist items and possible disconnection from the CCWD system.
- Jenny Lind Elementary School Forcemain Project – Continual work with the project engineer on design.
- North Vista Plaza / LGI Homes – Continual work with developer on sewer forcemain and lift station.

Mr. Copeland commented on the construction bid from T&S Construction and the cost comparison to the project’s engineer’s estimate.

**6. GENERAL MANAGER COMMENTS**

Mr. Minker gave an update on the following: 1) US Army Corps funding for the Copper Cove wastewater improvements project; 2) future agenda item to discuss Jenny Lind distribution system issues; 3) recent tour of the Jenny Lind Water Treatment Plant.

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

Director Thomas asked to discuss the District’s support of commercial development at a future committee meeting. Director Davidson reported on recent concerns regarding the condition of the road going into the La Contenta WWTP.

**8. NEXT COMMITTEE MEETING**

To be determined.

**9. ADJOURNMENT**

There being no further business, the meeting adjourned at approximately 3:04 p.m.

Respectfully submitted,

---

Kate Jesus  
Human Resources Technician

# Agenda Item

DATE: January 9, 2024

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

FROM: Mark Rincón-Ibarra, District Engineer

RE: Proposed Professional Services Agreement with Landstedt Consulting for  
As-Needed Grant Administration Services

---

## SUMMARY

Grants are often offered to public agencies on a competitive basis, and they provide much needed financial support for capital improvements. To effectively compete in the grant application process, the District will need support with identifying grants that are available specific to our requirements, and that have been screened for feasibility.

The District reached out to local water agencies and identified Landstedt Consulting as having provided professional services in grant administration and water planning. At the District's request, Landstedt Consulting submitted a Statement of Qualifications (SOQ). Upon review of the SOQ, the District requested a proposal from Landstedt Consulting for Grant Administration Services.

Landstedt Consulting will perform the following Grant Administration Services as directed by the District.

1. Funding Research and Reporting (bi-monthly)
2. Funding Application Assistance (as requested)
3. Grant Management for Awarded Funding (as requested)

The scope of work is based on a partnership with the District to work collaboratively to review and consider grant opportunities, provide project information to assist with matching potential funding opportunities to projects, and optionally, apply for grants with high competitiveness, and manage awarded grants.

Attached is the Proposal to Perform As-Needed Grant Administration Services (Proposal) from Landsted Consulting. The District will engage Landstedt Consulting on a bimonthly basis and will continue to evaluate the usefulness of this service for the District.

## FINANCIAL CONSIDERATIONS

If Landstedt Consulting is awarded the Grant Administration contract, the cost for Funding Research and Reporting will be \$21,250 per year (invoiced at \$3,541.67 bimonthly) plus an initial report setup and analysis of \$13,000. The cost for additional, "as requested" services will be charged as follows: Project Manager/Senior Grant Administrator at \$200

per hour and Grant Researcher/Specialist at \$175 per hour. The Grant Administration Services will be funded from the Engineering Department (Dept 58) FY 23/24 budget under Professional Services (60590).

*Attachment: Landstedt Consulting Proposal*

December 18, 2023

Mark A. Rincón-Ibarra, PE  
District Engineer  
Calaveras County Water District  
120 Toma Court  
San Andreas, CA 95249  
Email: [markr@ccwd.org](mailto:markr@ccwd.org)

## **Proposal to Perform As-Needed Grant Administration Services Calaveras County Water District**

Dear Mr. Rincón-Ibarra:

Thank you for the opportunity to submit this letter proposal to assist the Calaveras County Water District (CCWD/District) with As-Needed Grant Administration Services.

This letter proposal includes a brief understanding, approach and assumptions based on our October 19, 2023 Statement of Qualifications, and a detailed scope of work, billing rate/invoicing for a period of three years, and an estimated start date to provide grant administration services beginning in January 2024.

## **GRANT ASSISTANCE UNDERSTANDING**

Calaveras County Water District needs Grant Administration Services including funding research and reporting, funding application assistance (grants and loans), and grant management for awarded funding for its Capital Improvement Projects and programs.

Grant acquisition and management will advance CCWD's mission to "protect, enhance, and develop Calaveras County's water resources and watersheds to provide safe, reliable, and cost-effective services..." Grant acquisition will also support CCWD's continuing vision to "...provide healthy, innovative, and resilient water resource solutions" and being "mindful stewards of our assets and resources" by securing and managing a successful portfolio of funding awards. Accordingly, the CCWD Board of Directors has requested a proactive approach to funding acquisition.



## APPROACH AND ASSUMPTIONS

Landstedt Consulting (Consultant) will perform As-Needed Grant Administration Services for CCWD in partnership with Nevius Consulting. Landstedt Consulting will establish a coordinated approach between CCWD and Landstedt Consulting for the organized and timely submission of Funding Research Reports, Go/No Go Analysis, Application Preparation (as requested), and Grant Management (as requested). Successful acquisition and management of grants and loans will help CCWD maintain eligibility for future funding opportunities.

The Landstedt Consulting Team anticipates beginning grant administration services in January 2024, or whenever an agreement is executed.

## SCOPE OF WORK

Consultant will perform the following Grant Administration Services for a period of three years as directed by Calaveras County Water District.

1. Funding Research and Reporting
2. Funding Application Assistance, as requested
3. Grant Management for Awarded Funding, as requested

This scope of work is based on a partnership with CCWD to work collaboratively to review and consider grant opportunities, provide project information to assist with matching potential funding opportunities to projects, apply for grants with high competitiveness, and manage awarded grants.

### Grant Administration Services

**Task 1: Funding Research and Reporting.** Grant administration includes a solid foundation of research, tracking and reporting of grant and other funding opportunities. Grant research and reporting services will be performed in accordance with the needs of CCWD, and includes the following tasks:

- **Meetings, Data Collection, and Information.** Participate in an Initial Meeting to do the following:
  - Identify CCWD projects and programs with sufficient detail and priority to facilitate a search for funding opportunities.
  - Identify additional data needed and process for data collection.
  - Establish roles and responsibilities among the CCWD Grant Team – the District and its consultants.
  - Establish a communication protocol among the CCWD Grant Team.
  - Participate in quarterly meetings, or as scheduled, and periodic information calls with CCWD, as needed.

- **Initial Funding Research Report.** Conduct research of potential funding opportunities – grants and low-interest government loans – for identified CCWD projects and programs, or of general nature to support other potential CCWD projects and programs. Research will include communication with funding agencies, as necessary, to discuss project eligibility and to receive updated funding program information.
  - Prepare a Funding Research Report that includes the following:
    - Summary of the funding research approach with a funding summary table listing upcoming funding deadlines and other funding opportunities that should be considered further.
    - Funding matrices that include the following:
      - **CCWD Project Descriptions:** Summarized project descriptions, estimated total project cost, and estimated completion date.
      - **Projects and Potential Funding Matches.** Summary of each project and possible funding source name and due date.
      - **Current and Continuous Funding Opportunities:** Identifies the funding program and agency; funding purpose; funding amounts; cost share requirements; key dates/deadlines; and agency contact information. In addition, potential project match and funding priority (high, medium, low prospect).
      - **Funding Programs with Past Deadlines Tracked for Future Funding:** Identifies the same funding detail as the Current and Continuous Funding Opportunities.
      - **Projects with Funding Applications Submitted:** Summary of application activity by project, which will include funding agency name and program; CCWD project/program; date of submission; date of award notification or no award indicated; funding term/project completion date; amount requested; and other key information. Additional entries may be added with information provided by CCWD for applications submitted for projects outside the work of Landstedt Consulting to allow for a comprehensive tracking of grant applications and awards.
- **Bi-Monthly Reporting (Funding Research Report) and Funding Alerts.** Provide a Bi-Monthly Funding Research Report detailing the funding opportunities for each project identified, as well as other funding opportunities that may be of interest to CCWD. The Bi-Monthly Funding Research Report will be updated from the Initial Funding Report and will include available information at the time of reporting. Time sensitive opportunities will be provided through a Funding Alert email with sufficient funding detail to determine if the opportunity should be considered further.

- **Go/No Go Assessment to Apply.** The decision to apply for a new grant/funding opportunity will utilize a pre-application questionnaire as a guide in consideration of CCWD objectives and priorities, eligibility, competitiveness, funding amount per award, funding schedule compared to project timing, application content, etc. to decide whether to pursue the funding opportunity. CCWD and Landstedt Consulting will participate in the go/no go assessment. The questionnaire will be tailored to specific funding opportunities, and, may include the following (some may already be answered by means of inclusion in the Bi-Monthly Funding Research Report):
  - Is CCWD an eligible applicant?
  - Does the project meet eligible project criteria?
  - Does the project meet funding program goals and objectives?
  - Is the project consistent with the goals and objectives of CCWD's Strategic Plan, long-range capital improvement programs, or planning objectives?
  - Where applicable, has the value per acre foot of water of the project when complete been calculated?
  - Based on the total funding, the maximum per project, and how many grant awards are anticipated, will the proposed project be competitive?
  - Does the project meet pre-award cost and project criteria, including costs incurred after the allowable date, no project activities have or will begin until required environmental documentation is complete, etc.?
  - What type of projects has the funding program funded in the past?
  - Will the project be competitive based on funding program evaluation criteria?
  - Where needed to be competitive, is the project collaborative with other agencies or organizations – project partners?
  - Is there sufficient, available, and eligible cost share or match funds?
  - Is CCWD prepared to proceed with the proposed project and within the timeframe requirements of the grant program?
  - Is there sufficient time and staffing capacity to complete a high-quality application by the due date?
  - Is there time to obtain a Board-approved funding resolution, if required?
- **Project Preparation for Funding Applications.** Assist CCWD to develop key Project information to prepare for the funding opportunities where the Project would be most competitive, and to meet the grant application due date or project completion deadline set forth in the funding opportunity. Landstedt Consulting will work collaboratively with CCWD to develop/organize key Project information including, but not limited to, project scope with tasks/milestones; line-item budgets with narratives; partnerships and cost share commitments; design and environmental information;

project schedule by tasks/milestones; letters of support; plan for maintenance of constructed project; and other information.

### **Task 1 Deliverables:**

- Initial Meeting Agenda and Supporting Documents
- Initial Funding Research Report
- Bi-Monthly Funding Research Reports
- Funding Alerts, as appropriate
- Go/No Go Assessments, as requested

### **Task 2: Funding Application Assistance (as requested)**

The level of effort for application preparation depends significantly on both the application requirements and the amount of existing project information available. At the request of CCWD, Landstedt Consulting will provide a letter proposal for preparation of each funding application CCWD decides to pursue. Preparation of specific grant/loan applications may begin under this task up to an amount of agreement funds available outside of monthly research and reporting activities, and CCWD will approve additional costs included in the letter proposal.

Once approved by CCWD to proceed, Landstedt Consulting will implement the following approach in preparation of grant applications:

- **Understand Solicitation:** Review proposal solicitation/funding announcement and communicate requirements for preparing the grant application to CCWD.
- **Establish Core Application Team:** In collaboration with CCWD, identify the core application team including CCWD staff, Landstedt Consulting, and other CCWD consultants or partners recommended by CCWD as determined appropriate based on the grant information requirements.
- **Communication Plan:** Establish a Communication Plan for use throughout preparation of the application. The Communication Plan will include a process for meetings/conference calls, application development schedule, and communication of the Application Team, and the process for communication with the funding agency.
- **Application Outline/Framework:** Develop an outline of application content for the Application Team to follow. The application outline will be discussed with the Application Team, assignments made for preparation of information/sections/forms and develop/submit a data request to CCWD for information needed for the application that Landstedt Consulting does not already have.
- **Draft Application:** Each Application Team member will submit the needed information as assigned to Landstedt Consulting who will be responsible for developing/combining sections into a draft application for review and comment by the Application Team.

- **Final Application:** Receive and incorporate comments/edits in the application and prepare and submit a final application to the funding agency. Copies of the final application will be provided to CCWD for its files.

Note each letter proposal will provide comprehensive detail, an application schedule, and a list of deliverables.

### Task 3: Grant Management (as requested)

Upon award of funding, grant management procedures are typically already identified through the Funding Application Assistance task, funding agency relationships have been established or strengthened, understanding of project implementation is already formed, which creates a smooth and easy transition into management of the grant award. At the request of CCWD, Landstedt Consulting will provide a letter proposal for management of each funding award CCWD requests.

Grant management will include assisting CCWD with negotiation and execution of the Funding Agreement with the funding agency; gain a thorough understanding of project implementation and reporting and invoicing requirements; establish a collaborative process with CCWD to meet those requirements through the term of the funding, including grant close-out procedures; and set up appropriate reporting documents, procedures, and communication protocols for progress reports and invoicing. Each letter proposal will provide comprehensive management detail, a schedule, and a list of deliverables.

## CONSULTANT TEAM, RATES AND FEE SCHEDULE

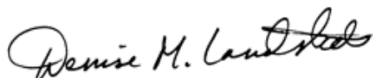
Landstedt Consulting Person/Project Role	Classification	Rate Per Hour
Denise Landstedt, Project Manager, Senior Grant Administrator	Principal	\$200
Jennifer Nevius, PE, Nevius Consulting, Grants Researcher/Manager/Specialist	Grant Consultant	\$175

Grant Services	Estimated Hours			Total Estimated Fee
	Denise Landstedt Project Manager, Senior Grant Administrator	Subconsultant: Jennifer Nevius Grant Researcher/Manager/Specialist	Total Hours	
	\$200	\$175		
<b>Task 1: Funding Research and Reporting</b>				
Initial Report	30	40	70	\$13,000
3-Yr Bi-Monthly Reporting	170	170	340	\$63,750
<b>Total Hours</b>	<b>200</b>	<b>210</b>	<b>410</b>	--
<b>Total Cost</b>	<b>\$40,000</b>	<b>\$36,750</b>	<b>--</b>	<b>\$76,750</b>
Task 2: Funding Application Preparation, As Requested	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>
Task 3: Grant Management, As Requested	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>	<i>As Proposed</i>

- Other direct costs such as copying, reproduction, delivery, postage, mileage (rates allowed by current IRS guidelines), will be billed at cost if incurred.
- Landstedt Consulting reserves the right to adjust its hourly rates at the beginning of the calendar year for all ongoing contracts with notification.
- Invoices submitted monthly. Each invoice will include a brief description of activities detailed by task and date; the total contract amount, current billing amount, and the balance remaining.

Thank you for the opportunity to assist CCWD with its as-needed grant administration activities. I can be reached at (760) 560-7557 or landstedtconsulting@gmail.com to discuss this proposal.

Sincerely,



Denise M. Landstedt  
 Principal  
 Landstedt Consulting

# Agenda Item

DATE: January 9, 2024

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

FROM: Sam Singh, Senior Engineering Tech

RE: Master Meter at Meadowmont Shopping Center

---

## **SUMMARY**

The Meadowmont Shopping Center is located along SR-4 in Arnold and is served by Ebbetts Pass Water Distribution System and Arnold Wastewater Collections and Treatment Facility. Sierra Commercial Holdings LLC has owned the shopping center since February 2022 and has been working with the District staff to find an economical and long-term solution to serve the shopping center.

The District staff has proposed a 4-inch master meter at the existing vault in the shopping center past the pressure reduction station, that will replace the existing 27 water meters varying in size from 5/8" to 1 1/2". This change will result in a potential savings of approximately \$1900 per billing cycle to the owner.

The change from individual meter serving each unit in the shopping center to a master meter will reduce the District responsibility to maintain infrastructure on private property, also, repairs and upgrades that may result from changes to the buildings. The owners will have to abandon additional capacity of 8 equivalent units as a result. A separate agreement will be drawn up to clearly outline the extent of the transfer.

There will be no changes to the sewer services at this time. The existing sewer code is outdated, and staff will be working on improvements and bringing those changes to the board for their consideration in future meetings.

## **FINANCIAL CONSIDERATIONS**

With the proposed change over to a master meter, there will be an annual loss of \$11,398.74 in base revenue to the District. This also frees up 8 Equivalents in water capacity that can be allocated to other developments in the service area. Staff is in the process of developing of cost for operations staff to construct changes and acquiring equipment and material.

# Agenda Item

DATE: January 9, 2024

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

FROM: Kevin Williams, Senior Civil Engineer

SUBJECT: Discussion on Proposal from Crosno Construction for  
Rehabilitation of Jenny Lind Water Treatment Plant Clearwell #2  
CIP 11083J

---

## **SUMMARY:**

Crosno Construction provided the District a proposal to rehabilitate the existing Clearwell #2 at the Jenny Lind Water Treatment Plant. This work includes demolition of the existing tank roof, raising the tank walls to meet seismic requirements, reconstructing of the roof and supports, installing new spiral staircase, recoating the entire tank, and installing new tank appurtenances.

Crosno Construction is currently working as the Tank Contractor for T&S Construction on the Copper Cove Clearwell and Tank B Rehabilitation Project. The scope of work for Crosno in Copperopolis is same as the proposed work to be completed at the Jenny Lind Clearwell #2. Crosno Tanks was the listed Tank Contractor on all four bids for the Copperopolis Project. According to T&S Construction, Crosno's price was substantially less than all the other Tank Contractors for that bid.

Crosno Tank provided proposal in the amount of \$641,745 for Jenny Lind Clearwell #2. The Clearwell in Jenny Lind is a smaller diameter than Clearwell in Copperopolis, but the pricing received from Crosno for Jenny Lind Clearwell is proportionally less based on the smaller size. The value of the bid is similar to the value on the existing Project.

The Budgeted cost for Jenny Lind Clearwell #2 in the CIP \$350,000, the budgeted cost is based on just recoating the tank. During investigation it was determined that there is not adequate freeboard in the tank, so the walls need to be raised. The roof was in poor condition and needs to be replaced. The additional cost above the estimate can be attributed to these work efforts.

On top of the cost proposal from Crosno the Budget increase includes cost for the District to perform welding and coating inspections done by 3<sup>rd</sup> Party, purchase and install forced

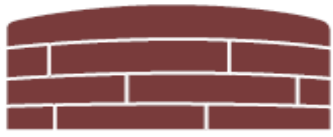


air system for disinfection byproduct formation reduction, and incidental cost for repairs of on tank walls/floors that maybe discovered during course of work.

**FINANCIAL CONSIDERATIONS:**

The FY 2023-24 budget for the Jenny Lind Clearwell #2 Project (CIP #11083J) in the Water CIP Fund (Fund 120) is \$350,000, and is funded by a transfer from the Water Capital R&R revenues (Fund 125). In order to complete this project, the project budget in the Water CIP Fund (Fund 120) must be increased by \$500,000 to \$850,000, and an additional \$500,000 will need to be transferred from the Water Capital R&R Fund (Fund 125).

*Attachment: Crosno Construction Proposal*



**CROSNO**  
CONSTRUCTION INC.

819 Sheridan Rd., Arroyo Grande, CA 93420 Office: (805) 343-7437 Fax: (805) 343-1006  
CA license 835288 - A, C33 & C51 / Dept. of Industrial Relations #100006959

December 20, 2023

Kevin Williams  
Calaveras County Water District  
(209) 754-3184 office  
Email: [kevin@ccwd.org](mailto:kevin@ccwd.org)

Re: Proposal for the re-roof and rehab of the existing 55' diameter x 12' shell height Jenny Lind Clearwell #2 welded steel potable water storage tank

**Includes:**

- Payment of prevailing wages
- Retrofit the existing welded steel Clearwell #2 potable water storage tank including:
  - design calculations and drawings for a new Bent Plate Roof and tank appurtenances as noted herein
  - remove and dispose of the existing roof, roof appurtenances, rafters, compression ring, center column, inside ladder, outside ladder and liquid level indicator
  - 8" wide shell band to increase the shell height by 8"
  - inspect the newly installed shell ring per AWWA
  - compression ring
  - Bent Plate Roof using 1/4" thick steel plate
  - weld the new roof in place including fully seal welding the lap joints on the underside of the roof
  - seal weld the roof to compression ring on the tank interior
  - seal weld the Bent Plate Roof rafters to the center column
  - seal weld all joints on the tank interior
  - 39" square roof hatch
  - fiberglass inside ladder
  - handrail enclosure around the roof hatch area
  - tie-off cable from the handrail enclosure to the roof vent
  - four (4) new 12" diameter "J" vents evenly space around the tank roof perimeter
  - flanged mount for a forced air ventilation fan. Ventilation fan or electrical is not included.
  - conduit clips on the tank shell and roof for you to run electrical conduit for the ventilation fan
  - galvanized exterior double stringer spiral stairway with top landing. Anti-climb door or stairway enclosure is not included. Concrete landing pad at the base of the spiral stairway is not included. We recommend you install a fence enclosure around the base of the spiral stairway to limit access.
  - mechanical liquid level indicator
- Interior and exterior tank coatings. Tank surface preparation and coatings will be per the CCWD Copper Cove Phase 1 and Phase 2 Tank project we are currently working on.
- Full containment on the tank during abrasive blasting and coating
- Washdown and disinfection of the tank interior
- Two (2) year warranty
- All work will be performed in accordance with AWWA standards
- Clean up job site to condition it was in prior to us starting our work

**Exclusions:**

- Draining the tank and making it ready for our work
- Handling, working with or disposing of any hazardous materials
- Design calculations for sloshing wave. We are only providing design calculations as required for the shell extension, roof and appurtenances.
- Forced air ventilation vent fan. We will provide a mounting flange for you to install a ventilation fan.
- Electrical or conduit to operate the air ventilation fan
- Concrete landing pad at the base of the spiral stairway

- Anti-climb door or enclosure on the spiral stairway
- Fence enclosure at the base of the spiral stairway
- Cathodic protection system for the tank interior
- Water quality testing (Bacteria or VOC)
- Electrical, telemetry, SCADA, antenna, level sensors, level probes or floats, alarms, switches, instrumentation, intrusion switches, lighting or conduits.
- Survey (we will need quadrants marked on tank foundation)
- Supplying, furnishing or disposing of water to or from the tank for hydro test
- Hydro testing or filling tank including valve operation, tank settlement survey and draining tank
- Storm Water Permit or Storm Water Pollution Prevention Plan/Permit
- Bonds. If bonds are required they can be provided for an additional 1% of our contract amount.
- Permits, fees or city business license
- Special insurance language or Builders Risk coverage (insurance language is based upon using standard forms)
- Restoring roads or access to site due to truck and equipment traffic

**Clarifications:**

- Proposal is based on a tank site being accessible via conventional methods for over the road diesel tractors with 40' flat trailers.
- All weather access to and around tank site is to be provided to us so that we will have tank access in all weather conditions.
- **Crosno Construction is not a Minority, Women Owned or Disadvantaged Business Enterprise**
- **Crosno Construction is not signatory to any labor agreements. We operate our own crane and will not accept any back charge if you need to supply an operator. Our operator is our Foreman so no credit is available. Our proposal is based upon having one of our tank builders operate our crane during tank construction work.**

**Schedule:**

We estimate the following schedule and lead times for delivery after receipt of a fully executed contract agreement:

Shop drawings	8 weeks
Material procurement time (tank materials will be ordered when shop drawings are started and delivery time from our supplier is 10 weeks from their receipt of order)	2 additional weeks
Shop fabrication	2 weeks
Construct tank (after mobilization to site)	6 weeks
Demobilize tank crew and mobilize paint crew	1 week
Install full containment around tank for blasting/painting	1 week
Tank coatings	6 weeks
Paint cure time and install tank internal Cathodic Protection	2 weeks
Washdown and disinfection	0.14 week

**Pricing:**

Design, furnish, construct and paint the 1.0 MG water tank including full containment **\$641,745.00.**

**Validity:**

This quotation is valid for 30 days.

Should you have any questions or need any clarification please do not hesitate to contact me.

Regards,

Mitchell Scott  
(805) 888-7477 mobile

# Agenda Item

DATE: January 9, 2024

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

FROM: Sam Singh, Senior Engineering Tech.

RE: Service Termination Request Variance Westpoint

---

## SUMMARY

The owner of 168 Winton Road, Westpoint requested termination of water service per the Termination of Services Policy laid out Rules and Regulations Governing the Furnishing of Water and/or Wastewater Services Article III adopted by the District Resolution 2019-61. However, the property does not meet the criteria of not having a habitable structure on it at the time of the request. The owner utilizes the property as their primary residence and relies on a private well for domestic water supply. Following the denial of their request as a result of an initial review, the owner has opted to appeal to the Board seeking a variance in this matter.

Per the CCWD Board Policy 22 of Exceptions to Standards, Rules and Policies, the applicant must pay a deposit of \$3,500 for the variance application to be reviewed. Upon learning of the cost, the owner has requested a variance to the deposit of fees for the variance application.

The District currently lacks a specific policy that provides clear guidance on granting variances on fees. The deposit requirement serves as a strategic and financial tool to address specific challenges posed by unique requests, allowing us to recover the costs associated with staff time spent on research and addressing requests that fall outside the standard. It ensures that the District is not unfairly burdening other ratepayers with expenses incurred in addressing uncommon, specialized requests for an individual rate payer.

## FINANCIAL CONSIDERATIONS

None at this time. The District, as a steward of water resources, must provide water in service areas covered by its water distribution systems so as not to strain the underground water aquifers.

*Attachments: Res. 2019-61 Amending the District Rules and Regulations Governing the Furnishing of Water and/or Wastewater Services – Article III, Section 21E  
Res. 2020-24 Amending the District's Exceptions to Standards, Rules and Policies Policy #22*

**RESOLUTION 2019 – 61**

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

**AMENDING THE DISTRICT RULES AND REGULATIONS  
GOVERNING THE FURNISHING OF WATER AND/OR WASTEWATER  
SERVICES - ARTICLE III, SECTION 21E**

**WHEREAS**, the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT adopted the Rules and Regulations Governing the Furnishing of Water and/or Wastewater Service to Consumers on December 7, 1954; and

**WHEREAS**, the Board added Section 21D - Suspension of Services, and Section 21E - Termination of Services, to Article III by Resolution No. 99-56 on October 13, 1999; and

**WHEREAS**, the Board added Section 21F – Foreclosure Abatement, to Article III by Resolution No. 2008-36 on May 21, 2008; and

**WHEREAS**, the Board amended Section 21E of Article III – Termination of Services, by Resolution No. 2010-78 on November 23, 2010; and

**WHEREAS**, for the purpose of updating said policy, amendments to the current policy have been considered by the Board.

**NOW, THEREFORE BE IT RESOLVED**, that the Board of Directors does hereby rescind in its entirety Section 21E of Article III of the Rules and Regulations Governing the Furnishing of Water and/or Wastewater Service, adopted by Resolution No. 2010-78 on November 23, 2010, and any subsequent resolutions or amendments thereto.

**BE IT FURTHER RESOLVED**, that Section 21E of Article III of the Rules and Regulations Governing the Furnishing of Water and/or Wastewater Service is to be replaced with the policy attached hereto and so incorporated into Article III, is hereby approved by the Board of Directors and shall become effective immediately:

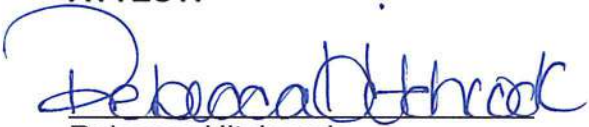
**BE IT FURTHER RESOLVED**, that the remainder of the Rules and Regulations Governing the Furnishing of Water and/or Wastewater Service to Consumers adopted December 7, 1954, and thereafter amended shall remain in full force and effect.

**PASSED AND ADOPTED** this 14<sup>th</sup> day of August 2019 by the following vote:

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

CALAVERAS COUNTY WATER DISTRICT

  
\_\_\_\_\_  
Russ Thomas, President  
Board of Directors

**ATTEST:**  
  
\_\_\_\_\_  
Rebecca Hitchcock  
Clerk to the Board

RULES AND REGULATIONS GOVERNING THE FURNISHING OF WATER  
AND/OR WASTEWATER SERVICES  
ARTICLE III

APPLICATION FOR SERVICE RATES AND BILLING

**E. Termination of Services**

**Summary:**

This District policy allows a residential or commercial customer to permanently terminate water and/or wastewater service(s), limited to only certain specific circumstances contained herein, severing the District's obligation to provide service(s) to the parcel. Once a termination occurs, a reinstatement of service(s) depends on the availability of capacity and requires payment of prevailing capacity fee(s).

**Termination:**

The legal-deeded owner of a vacant residential or commercial parcel may apply to terminate their water and/or wastewater service(s) by filing a Termination of Service(s) Request form with the District. This form includes acknowledgment by the customer that after termination, the District is no longer obligated to provide any water and/or wastewater service(s) to the customer's property. Termination of water service is conditioned on the parcel being vacant without any habitable structures, and no recorded use of water for the previous 2 (two) years. If the property has water and wastewater service, both must be terminated concurrently.

Legal-deeded property owners are permitted to apply to terminate irrigation/landscape meters that have not been used for the previous 2 (two) years. Owners of commercial properties must acknowledge that terminating an irrigation meter could lead to an increase in wastewater fees.

Upon receipt of the Termination of Service Request form, the District General Manager will determine if the parcel qualifies for termination under this Policy within 60 days. Within the first 6 (six) months of this policy's adoption, the General Manager has the discretion to allow a customer to terminate service, if the customer provides a reasonable explanation for water usage on the account within the previous 2 (two) years.

In order for the termination of service(s) to be approved, the customer must pay a \$300 administrative fee and an Operations fee (this fee varies by connection) to have the water meter removed and/or the wastewater connection capped. Upon termination of service(s), the District will not refund any capacity fee(s), as they

are attached to the property previously served. However, a credit for the original capacity fee(s) paid when the property first connected to CCWD's water and/or wastewater system will remain attached to the property, and will be credited toward full capacity fee(s) owed at the time the property owner decides to apply to reinstate service. Transfer of capacity fees per Article III, Section 21E.1 of CCWD's Rules and Regulations Governing the Furnishing of Water and/or Wastewater Service is not allowed once service has been terminated.

If the termination of service is approved by CCWD, the applicant is responsible for fees associated with the District recording a Notice of Termination of Water and/or Wastewater Services with the County Clerk Recorder's Office stating the water and/or wastewater service(s) have been terminated to this property.

Termination of service(s) will only occur once the applicant has paid the District all required fees.

**Reinstatement:**

Once a parcel's residential or commercial water and/or wastewater service has been terminated, the parcel is eligible to be reconnected to the District's water and/or wastewater service no sooner than a period of three (3) years after termination, unless the property is sold, in which case the new legal-deeded property owner can apply for service reinstatement once they meet the District's requirements for a new water and/or wastewater connection. Service reinstatement is not guaranteed, and depends on the availability of capacity within the water and/or wastewater system(s). To request reinstatement of water and/or wastewater service(s) for property that previously received treated water or wastewater from the District, the legal-deeded property owner must file a Reinstatement of Service(s) Request form, and this request will be approved or denied by CCWD's General Manager within 60 days of receipt. The applicant must pay a \$300 administrative fee, an Operations fee to reinstate service (this varies by connection) and capacity fee(s). The capacity fee(s) owed will be the amount that would be required for new service(s) to the applicant's property on the date of reinstatement, less any previously paid capacity fee(s) attached to the property.

If the service reinstatement is approved by CCWD, the applicant is responsible for fees associated with the District recording a Notice of Reinstatement of Water and or Wastewater Services with the County Clerk Recorder's Office stating the water and/or wastewater service(s) is being reinstated.

Reinstatement of service(s) will only occur once the applicant has paid the District all required fees.

**Appeals:**



The General Manager's determination on termination and reinstatement requests is final, unless a customer appeals the determination to the Board of Directors within 30 days of the District's written denial.

**RESOLUTION NO. 2020-24**

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

**AMENDING THE DISTRICT'S EXCEPTIONS TO STANDARDS, RULES AND  
POLICIES POLICY #22**

**WHEREAS**, the Board of Directors of CALAVERAS COUNTY WATER DISTRICT adopted Resolution 2002-86 on December 10, 2002, implementing a new Policy Regarding Exceptions to Standards, Rules and Policies; and

**WHEREAS**, the language in the Policy Regarding Exceptions to Standards, Rules and Policies is outdated and needs to be revised to address current customer needs; and

**WHEREAS**, the existing Policy does not provide a mechanism to recover the administrative and operations costs associated with processing and implementing exceptions or variances; and

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the CALAVERAS COUNTY WATER DISTRICT does hereby amend the Policy #22 Regarding Exceptions to Standards, Rules and Policies, that was adopted on December 10, 2002, by Resolution 2002-86; and

**BE IT FURTHER RESOLVED**, that the amended Policy #22 Regarding Exceptions to Standards, Rules and Procedures, attached hereto and made a part hereof, and will be effective immediately.

**PASSED AND ADOPTED** this 8th day of April 2020 by the following vote:

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

CALAVERAS COUNTY WATER DISTRICT



---

Bertha Underhill, President  
Board of Directors

ATTEST:



Rebecca Hitchcock  
Clerk to the Board

Policy Title: Exceptions to Standards, Rules and Policies

Policy Number: CCWD Board Policy 22

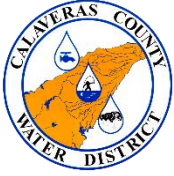
CALAVERAS COUNTY WATER DISTRICT  
POLICY REGARDING EXCEPTIONS TO  
STANDARDS, RULES AND POLICES

All standards, rules, and policies (collectively, "Regulations") of the Calaveras County Water District ("District") are equally and fairly applied to every affected person or entity. Because of the potential for disparity of treatment, exceptions to the District's Regulations are generally disfavored. In some unusual cases, however, an exception to or variance from the District's Regulations is needed to achieve a fair result. Exceptions or variances will only be granted if the following findings can be made:

1. Granting of an exception or variance does not discriminate in favor of, or against, any applicant to the detriment of any other District customer;
2. Exceptions or variances must not, in any way, have the effect of establishing sub-standard facilities or services, or result in an unreasonable cost to the District;
3. The exception or variance is consistent with the District's obligation to only put water to reasonable and beneficial uses; and
4. Granting the exception or variance is the best way to achieve a fair result for the applicant without imposing undue costs on other customers.

All applicants must pay a \$3,500.00 deposit and submit an application for an exception or variance to the District's Regulations that will be reviewed by the General Manager. If the administrative review and implementation of the exception or variance is less than the deposit amount, the applicant will be refunded the difference. However, if the amount exceeds the deposit amount, the applicant is responsible to pay all additional costs. Exceptions or variances to Regulations may only be granted by the District's Board of Directors unless the Board has delegated that authority to the General Manager.

End of Document



# CALAVERAS COUNTY WATER DISTRICT

120 Toma Court • PO Box 608 • San Andreas, CA 95249 • Main line (209) 754-3543

## Variance Request

I am requesting a variance review based on the following information. This variance is pursuant to Resolution 2020-24 covering the District's Exceptions to Standards, Rules, and Policies. A fee of \$3,500 to cover the review and implementation of the variance. Any charges in excess is my responsibility.

<b>Name:</b>		<b>Account number:</b>	
<b>APN:</b>		<b>Service address:</b>	
<b>Billing address:</b>		<b>Email address:</b>	
<b>City:</b>	<b>Zip:</b>	<b>Cell/home phone:</b>	

Is the property currently unoccupied?      Yes      No

Is there a structure on the property?      Yes      No

**What is current Standard, Rule, or Policy that you are requesting a variance for?**

By signing below, I agree that the information listed on this form is accurate.

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

### CCWD Staff Internal Use Only

Engineering Review:

Engineering Staff Name:

**Request:**    Accepted    Denied

**General Manager signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_

# Agenda Item

DATE: January 9, 2024

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

FROM: Engineering Department

RE: Capital Improvement Project Updates

---

## **AMI / AMR Project (CIP 11096)**

Mueller Systems is complete, and all meter locations have been revisited and checked. Received the final invoice and we plan to take this Project to the Board for Approval.

## **Jenny Lind Water System A-B Water Transmission Pipeline (CIP 11088)**

This project includes replacing 20,000-ft of water transmission pipeline to improve conveyance from Tank A to Tank B sites. The pipeline will be aligned along Hartvickson, Baldwin, Usher and Wind River Court. It consists of approximately 13,400-ft of 14-inch diameter pipe and 6,500-ft of 12-inch diameter pipe. The piping material will be ductile iron. The consultant, Coleman Engineering, is designing the project. A pre-bid construction meeting was held on December 14, 2023 for prospective bidders. This Project is currently out for Construction Bid, upon approval of the Construction Contact the District expects the Contractor to begin work during the upcoming construction season pending piping material availability.

## **West Point Water Supply Reliability Improvements (CIP 11106)**

CCWD received Prop 1 Grant funds through UMRWA and DWR to supplement the cost of purchasing and installing a backup water filter at the West Point Water Treatment Plant. KW Emerson has achieved substantial completion on the project, punchlist items will be addressed in the coming weeks. WesTech has finished startup on the new filter.

## **West Point and Wilseyville Wastewater Consolidation Project (CIP 15091)**

The Water Board staff completed the Final Budget Approval (FBA), which was then executed by the General Manager. Staff continue to review and approve material submittals. K.W. Emerson (KWE) completed the sludge drying beds, installation of wet well between sludge basins along with all the site piping, portions of double force mains on sprayfield property. Construction will continue through the summer of 2024 and be completed by fall of 2024.

### **Copper Cove Lift Stations 6, 8, 15 & 16 and Lift Stations 12 & 13 Force Main Bypass Project (CIP 15076/15080)**

Mozingo Construction has completed installation of Wet Wells and Valve Vaults at Lift Station 15 and Lift Station 18. Additionally, Mozingo completed the excavation and installation of the retaining wall at Lift Station 15 to provide space for the new electrical controls/standby generator to be installed on the roadside shoulder. PG&E (Pacific Gas & Electric) will be onsite with a boom truck to support the existing power poles while Mozingo/Fusion Electric install new underground conduits. There have been a lot of issues discovered in the field that have required design changes. Quality of the Project Plans has been an ongoing problem; Engineering staff has kept up redesign to minimize the impact to Project Schedule.

Mozingo Construction has submitted an updated CPM Schedule based on the equipment deliveries, work at Lift Station 6 and 8 is scheduled to start once the MCC arrives in January and Project should be complete by May 2024.

### **Copper Cove Wastewater Treatment Plant Tertiary Treatment Improvements and Facilities Plan (CIP 15094)**

CCWD continues to wait for USACE acceptance of the Section 219 Letter Report (LR) and Project Partnership Agreement (PPA). CCWD has retained HydroScience Engineers for engineering and design services and Dewberry for environmental services for CEQA and NEPA compliance. The project includes adding Dissolved Air Flootation (DAF) units and making tertiary filter improvements. CCWD's is working with USACE to sign-off an initial increment of \$2 million to complete design, environmental and pre-purchase of the DAF equipment. Funds are not authorized until after USACE signs the LR and PPA, which is expected to occur in November 2023; until then the project design is on-hold.

### **Copper Cove Wastewater Treatment Plant – Pond 6 Dam and Effluent Storage Reservoir Enlargement Project (CIP 15112)**

This project is being coordinated with the tertiary treatment plant improvements through the Letter Report (LR) and the Project Partnership Agreement (PPA) between CCWD and USACE. As of October 30, 2023, the LR and PPA are being finalized by USACE. Thereafter, the documents will be forwarded to CCWD for Board approval and adoption. The estimated total construction cost is \$17 million. An initial funding increment of \$2.0 million Federal funding and \$0.67 million CCWD (non-Federal) cost share is anticipated for Increment #1. The continuation of work on the project is pending approval of the Letter Report and Agreement. The project will raise the dam by 10 feet and increase the capacity of the effluent storage reservoir (Pond 6) from 205 AF to 442 AF. Also, the project includes relocating a 10-inch raw water line, 8-inch sewer force main, pumps and other existing facilities in conflict with raising the dam. The consultant, Wagner & Bonsignore, is designing the dam and has resubmitted a project application to the Division of Safety of Dams (DSOD). DSOD is starting its review. HydroScience Engineers is providing the design for relocating the existing pipelines, pumps and other facilities. Dewberry is providing environmental services for CEQA and NEPA. An updated version of the 2009 Environmental Impact Report (EIR) will likely be relied upon for the project.

In May, staff met with an adjacent property owner regarding a prospective borrow site for material (earth) to raise the dam.

### **Copper Cove Water System Improvements Project (CIP 11083C)**

On September 13, 2023, T&S Construction was awarded a contract for construction of the Copper Cove Phase 1 & 2 Tanks and Clearwell project. Staff issued a Notice to Proceed with construction to T&S Construction Company on October 13, 2023. A construction kickoff meeting occurred with T&S, PBI and CCWD staff on October 31, 2023. T&S Construction has demolished the existing Redwood Tank and constructed a new access driveway at the B Tank Site. T&S has also mobilized to the Clearwell site where they have removed the existing Trees and Vegetation in anticipation of beginning the mass excavation for the new Clearwell Tank.

### **Copper Cove B-C Transmission Pipeline & Pump Station (CIP 11122)**

Also, as of October 23, 2023, PBI submitted a 50% deliverable for design of upgrades to the main treated water pump station at the Copper Cove Water Treatment Plant (WTP) and a transmission pipeline conveying treated water from the WTP to Tank C. This is a substantial project including construction of 12,000-ft of new 20-inch transmission pipeline, new high horsepower pumps and electrical upgrades. The project will resolve and correct a significant bottleneck in the conveyance of treated water from the WTP and transmission further out into the water system. The existing booster pump station at Tank B on Signal Hill Trail and 10-inch transmission/distribution pipeline on Arrowhead Street, constructed in the 1970's, have reached the end of their lifecycle, are inadequately sized and must be replaced for safety, reliability and to increase capacity to serve current and future water demands. CCWD Engineering and Operations staff are participating in a walk with PBI on the proposed alignment changes to minimize the impact of working within seasonal drainage/wetlands.

### **Ebbetts Pass Hunters Raw Water Intake Pumps (CIP 11103)**

This project is a Hazard Mitigation Grant Project (HMGP) partly grant funded by Cal-OES/FEMA. CCWD with its consultant, Blackwater, has completed the Phase 1 portion of the design which included the 60% Design and the initial Environmental Studies. We have received comments on NEPA review, recently discovered habitats for Spotted Owl which does not like construction noise and according to the USFS biologist work cannot start until after August 15, but work cannot happen on the Project during the Tunnel Outage in October. This leaves a Project Work window between October-March which will not work in Avery because of winter weather and hazardous access to the existing pump station. The District with help from our Biologist proposed a 0.25-mile buffer with additional surveillance for Owls, for use of helicopters is required to remove existing pumps and re-install modern pumps. Helicopter access is really the only option as the area surrounding site cannot be disturbed because of cultural and historic artifacts.

### **Ebbetts Pass Redwood Tanks Hardening (CIP 11095)**

This Project is completed, and closeout documentation has been submitted to FEMA. The District is working with Cal-OES/FEMA on a series for amendments to the Benefit-Cost-Analysis to secure final grant funding request for the Project. District Staff would like to schedule a ribbon cutting ceremony to celebrate this Project.

### **Forest Meadows Wastewater Plant / UV System Replacement (CIP 15106)**

Startup was completed by Xylem (UV Manufacture) and the channel is fully functioning along with new UPS backup power supply.

### **Arnold Wastewater Secondary Clarifier Improvements Project (CIP 15095)**

The project will provide upgrades to the Arnold Wastewater Treatment Plant. It will add a new secondary clarifier, RAS/WAS pump station, two additional aerobic digesters, and replace the plant's electrical motor controls, backup generator, PLC and SCADA systems. Staff requested to add air blowers and extend air piping for the new aerobic digesters (versus mechanical aerators). The estimated construction cost is \$6.5 million. Staff have progress meetings with the design consultant, HydroScience, on a bi-weekly basis. HydroScience has completed the 100% design plans. HydroScience and Dewberry Environmental have begun work on the Engineers Report and the Environmental Documents that are required to complete the grant funding application.

### **La Contenta Biolac, Clarifier, and UV Improvements (CIP 15097)**

District Operations and Engineering Staff met several times to discuss the RFP for the La Contenta Wastewater Treatment Plant Project. The Project scope will provide operational redundancy and provide increased treatment to accommodate the future flows. During the storm systems of this last winter (January 2023), we had record flows into the treatment plant that have not been seen prior. This can be attributed to the I/I (inflow/infiltration) which is being prioritized in this service area by operations. The design of the treatment plant cannot allow the I/I flow to continue as we saw in 2023 as it will drastically increase the required improvements including additional storage capacity for the treated water ponds.

### **Jenny Lind Clearwell #2 Rehabilitation (CIP 11083)**

District staff has completed preliminary drawings for this Project. Staff solicited a proposal from Crosno Construction who are contracted with T&S Construction to complete the Rehabilitation of the Copperopolis Clearwell and Tank B. Staff has reviewed this proposal from Crosno alongside the pricing from the existing Project. Staff believe it would be beneficial to the schedule and cost conscience to complete the Jenny Lind Clearwell #2 Rehabilitation concurrently with the work that Crosno is already completing in Copperopolis. Crosno tank has a good reputation in the tank industry and self-performs both the roof fabrication and tank re-coating.



# Agenda Item

DATE: January 9, 2024

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

FROM: Engineering Department

RE: Other Updates

---

## **Copper Valley Town Square**

Staff continue to work with CV Development Partners LLC on key issues and proposed development. These include planned redevelopment of the Copper Valley Square complex. The discussion includes requirements for off-site facility improvements including a permanent sewer force main and new lift station on Little John Road to serve Copper Valley Square (convey sewer to the wastewater plant) as well as rehabilitation of the existing lift station within Town Square. Also, the pre-existing water booster pump station serving the Copperopolis Zone has never been upgraded and is limited to 100-gpm. A new water booster pump station is needed to increase potable water delivery to Copper Town Square. These required off-site improvements are part of the original facilities agreement approved for Copper Town Square.

CCWD issued a letter on July 20, 2023 approving the “Copper Town Square Condominium Project, Preliminary Design Report for Wastewater Permanent Collection System.” A facilities agreement is to be developed to address the offsite improvements needed to serve the Project.

CCWD Engineering staff and operations staff has had internal meeting to discuss design plans submitted by Weber Ghio & Associates for Force main and Lift Station. CV and the District agreed to redesign the connection point for force main and not strain the existing gravity sewer main across the golf course in Saddle Creek Subdivision. CV will be petitioning CCWD to obtain financing through the Bond Opportunities for Land Development (BOLD) program to help finance the infrastructure.

An application for retail Building 11/12 was submitted by CV on May 2023. After asking for various clarifications, CCWD issued a concept approval on September 12, 2023. The concept review was accepted by the Developer. Further changes in the design were proposed by the developer, which may result in further review and facilities agreement will be developed.

## **Gold Creek Subdivision Unit 3**

The owner was notified on October 19<sup>th</sup> by letter with a list of outstanding punchlist items prior to project acceptance by CCWD. Punchlist items include furnishing of a 2-year warranty bond and resolution of a cost share for offsite improvements to increase the

capacity of the Huckleberry Lift Station. Staff has estimated \$1,123,000 in necessary improvements to Huckleberry Lift Station with a cost share to Gold Creek Unit 3 of \$140,474. Since no activity has occurred to resolve outstanding punchlist items and bring the project to final completion and acceptance, CCWD will need to notify the Owner that the water and sewer system will be disconnected from CCWD's system.

### **Jenny Lind Elementary School Force Main Project**

This project includes a 20,000-ft sewer force main from the Jenny Lind Elementary School to a connection point with CCWD existing sewer system near Vista Del Lago. The project is being funded by the Clean Water State Revolving Fund (CWSRF) and CCWD has entered into a prior Letter Agreement with the School Board. Staff and KASL continue to discuss the design of the sewer force main, primary lift station at the Jenny Lind Elementary School and possible locations for a secondary/intermediate lift station near Berkesey Drive and Silver Rapids Road. Properly locating the secondary lift station along the alignment is a key issue. The School District's representative, Hugh Logan, KASL and CCWD will continue to coordinate to ensure an effective project. The new facilities will provide a future ability to provide sewer service to some lots along Berkesey Lane. The school District has submitted the plans to the State Architect and is waiting pending approval.

### **North Vista Plaza / LGI Homes**

LGI Homes completed a sewer shed analysis as requested by the District. CCWD provided comments on design elements of LGI's plans and LGI completed amendments to those plans. Staff are reviewing the resubmitted plans and will be returning final comments. LGI Homes has retained Coleman Engineering to provide final design of the sewer lift stations. Staff discussed CCWD's design requirements with Coleman Engineering. At the March 22<sup>nd</sup> meeting, the Board authorized the District to participate in the Bond Opportunities for Land Development (BOLD) program, which will help facilitate new development including this project. LGI Homes had provided the District with three options to bypass the bottleneck in gravity sewer along the creek. After internal discussion with engineering and operations staff, decision was made to choose an option that has a localized lift station that will take flows away from existing force main in the creek area by adding a force main that bypasses the smaller gravity line and breaks head at sewer manhole along Vista Del Lago. The new proposed lift station will potentially serve the new proposed subdivision by LGI Homes, the existing subdivision on Vista Del Lago West, flows from the proposed Jenny Lind Elementary School Force main Project.