

CALAVERAS COUNTY WATER DISTRICT ENGINEERING COMMITTEE MEETING

MINUTES
January 19, 2023

Directors/Committee Members present:

Russ Thomas
Jeff Davidson

Staff present:

Michael Minkler	General Manager
Kate Jesus	Engineering Coordinator
Damon Wyckoff	Director of Operations
Charles Palmer	District Engineer
Kevin Williams	Senior Civil Engineer
Sam Singh	Senior Engineering Technician
Jared Gravette	Senior Supervisor Construction & Inspection
Jason Knick	Senior Construction Inspector
Jesse Hampton	Plant Operations Manager
Pat Burkhardt	Construction and Maintenance Manager
Rebecca Hitchcock	Executive Assistant/Clerk to the Board
John Brown	Senior Supervisor Treatment Plant Operator

Others present:

Cindy Secada	Committee Member (alternate)
Ralph Copeland	Member of the Public

CALL TO ORDER / PLEDGE OF ALLEGIANCE

Director Davidson called the meeting to order at 2:00 p.m.

1. PUBLIC COMMENT

None.

2. APPROVAL OF MINUTES

The September 6, 2022 and November 1, 2022 minutes were approved by a motion from Director Thomas and seconded by Director Davidson.

3. NEW BUSINESS

a. Fleet and Equipment Fueling Regimen

Mr. Wyckoff gave a presentation on the District's fuel purchasing, handling, storage, and re-fueling regimen, which was requested by Vice President Thomas after recent increases in fuel prices. Mr. Wyckoff reviewed the use of the gas purchasing program through WEX including the

flexibility and cost savings. There was brief discussion on the current use, storage and previous tracking and reporting of red diesel fuel.

4. OLD BUSINESS

a. Capital Improvement Project Updates

Engineering staff gave brief updates on the following projects:

- District Corp Yard (CIP 11101) – The interior improvements were started on December 12th by the contractor, Plummerbuilt, and District electrical staff will install the electrical and lighting fixtures. PG&E will be setting the new transformer, pulling underground conductors and energizing the panel within the next few weeks. District staff will be installing the fire water line and backflow device for the fire sprinkler system. The project should be substantially complete by the end of March. Staff will begin planning the organized move into the new building.
- AMI/AMR Project (CIP 11096) – Mueller has approximately 1,300 plastic meter box lids to replace the existing concrete lids, which are custom sizes not readily available or on backorder. Punchlist items are being created by staff including outstanding issues with the Mueller interface with Tyler software. The Mueller contract has been extended 212 calendar days allowing time for the delivery and installation of the box lids, which will be start in March.
- Jenny Lind Water System A-B Water Transmission Pipeline (CIP 11088) – Coleman Engineering will have the 100% design completed by the end of January. The project should go to bid in March with award of a construction contract by May and the start of construction in Summer of 2023.
- Jenny Lind Water Treatment Plant Filter Rehab Project (CIP 11131) – The project was put out to bid on November 30th and received one bid at the bid opening on December 15th from ERS Industrial Services, Inc. in the amount of \$906,260. Staff recommended rehabbing one filter this fiscal year (2022-23) and the other filter in the 2023-24 fiscal year due to ongoing increases in material costs. The Committee agreed. The contract award will be brought to the full Board at the February 8th meeting.
- West Point Water Supply Reliability Improvements (CIP 11106) – KW Emerson will complete the building and foundation pads once weather permits. The pre-purchased treatment filter is scheduled for delivery by the end of January, which will be stored near the project site.
- West Point and Wilseyville WWTP Consolidation Project (CIP 15091) – KW Emerson has relocated the 8-inch FE line and started the mass grading for the sludge basins and drying beds. Work will continue once weather permits.
- Copper Cove Lift Stations 6, 8, 15, 16 and Force Main Project (CIP 15076/15080) – Mzingo will re-mobilize at the end of January to complete work on the force main.
- Copper Cove WWTP Tertiary Treatment and UV Improvements and Facilities Plan (CIP 15094) – Staff and US Army Corps of Engineer's staff have made significant progress on the Draft Letter Report/Agreement for the project funding. The engineering and design services are being completed by HydroScience and Dewberry is providing environmental services for CEQA and NEPA. The goal is to award an initial phase of construction by October 2023.

- Copper Cove WWTP Pond 6 Dam and Effluent Storage Reservoir Enlargement Project (CIP 15112) – The consultant, Wagner & Bosignore, is working on the project design of the dam and has resubmitted an application to the Division of Safety of Dams (DSOD), as part of the project. HydroScience will be providing the design for relocating the pipelines, pumps and other facilities and Dewberry is providing environmental services.
- Copper Cove Water System Improvements Project (CIP 11111) – The consultant, Peterson Brustad, Inc., is working on the 50% design. CCWD plans to bid and award the project in early 2023 with construction completed by June 2024. PBI is also working on project alternatives for the replacement of the main pump station and transmission main from the Treatment Plant to Tank C.

Ralph Copeland commented on the sizing of the waterline proposed in the design.

- Ebbetts Pass Hunters Raw Water Intake Pumps (CIP 11103) – The 90% design, project specs and pre-purchase materials specs have been submitted by the consultant, Blackwater. Once CCWD receives comments on the NEPA environmental review, Blackwater will then incorporate them into the final design specs. After completion of the Phase 1 plans, the next phase will authorize funding for implementation and construction of the project.
- Ebbetts Pass Redwood Tanks Project (CIP 11095) – The construction of the four tanks will be substantially complete and placed online within the next month and the CalOES grant should be closed out by the project deadline of April 2023. The current grants funds have been exhausted but CCWD will be requesting additional funds. The Larkspur tank is not part of the HMGP portion of the project but is included in the CIP. The contractor, KW Emerson will be completing the construction once weather permits.
- Forest Meadows Wastewater Plant/UV System Replacement (CIP 15106) – The UV system has been purchased and should ship this month. CCWD Construction crew has cleared vegetation from the site and completed some grading. The construction of the stainless-steel channel will be completed by a contractor, which will be put out for bid with construction starting in the Summer of 2023.
- Arnold Wastewater Secondary Clarifier Improvement Project (CIP 15095) – The consultant, HydroScience will provide the 100% plan to CCWD by the end of the month. The project will then be advertised for bids in the next two months and a construction contract will be awarded by May 2023.

b. Other Project Updates

Engineering staff gave brief updates on the following:

- Copper Valley Town Square – Staff continue to work with CV Developers to discuss the sewer force main and pump station projects, redevelopment of the Copper Valley Square complex and future development of the Sawmill subdivision.
- Copper Valley (Saddle Creek 7B) – The punchlist items were completed and inspected and staff will continue to work with the developer on the project close out and acceptance.
- Gold Creek Subdivision Unit 3 – Staff continue to work with the developer on the project close out and acceptance.
- Jenny Lind Elementary School Force Main Project – Staff continues to work with the project consultant, KASL Engineering, and continue to discuss the progress of the project.
- North Vista Plaza / LGI Homes – Staff continue to meet with the developer to discuss the submitted design and required improvements to be done by the developer. Discussions

continue between the developer and CCWD on the funding program (BOLD) which would pay for the water and wastewater capacity fees.

- Tri-Dam Lake Tulloch Day Use Area – The District is working with Tri-Dam to approve water and wastewater service connections to the newly constructed day-use area. Staff continues to secure an easement from the neighboring property owner to improve the existing water main located in the parking lot.

5. GENERAL MANAGER COMMENTS

None.

6. DIRECTOR COMMENTS

None.

7. FUTURE AGENDA ITEMS

None.

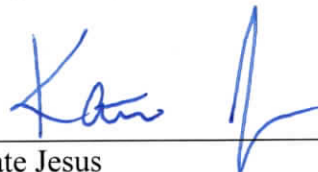
8. NEXT COMMITTEE MEETING

March 7, 2023 at 2:00 p.m.

9. ADJOURNMENT

There being no further business, the meeting adjourned at approximately 3:14 p.m.

Respectfully submitted,



Kate Jesus
Engineering Coordinator