

# 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](#)

Special Engineering Committee  
Tuesday, April 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, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 283 711 902 785

Passcode: G7KWEZ

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 March 6, 2024
4. **NEW BUSINESS**
  - 4a Review of the FY 2024-25 District's Five-Year Capital Improvement Program Update (Mark Rincon-Ibarra, District Engineer)

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### **COMMITTEE MEMBERS**

Director Davidson, Chair

Russ Thomas, Director

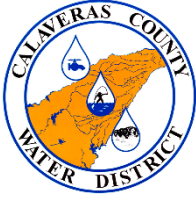
5.\* **OLD BUSINESS**

6.\* **GENERAL MANAGER COMMENTS**

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

8. **NEXT COMMITTEE MEETING:** May 7, 2024

9. **ADJOURNMENT**



# CALAVERAS COUNTY WATER DISTRICT ENGINEERING COMMITTEE MEETING

**MINUTES**  
**March 6, 2024**

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
Sam Singh	Senior Engineering Technician
Jared Gravette	Senior Supervisor Construction Inspection
Haley Airola	Engineering Coordinator
Kate Darby	Customer Service Representative
Rebecca Hitchcock	Executive Assistance/Clerk to the board
Bob Godwin	Senior Civil Engineer
Kelly Gerkenmeyer	External Affairs Manager
Tiffany Burke	Administrative Technician
Stacey Lollar	Human Resources Manager

Others present:

Francisco De La Cruz	Member of the Public
Michael Rogers	Member of the Public

## **CALL TO ORDER / PLEDGE OF ALLEGIANCE.**

### **1. ROLL CALL**

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

### **2. PUBLIC COMMENT**

No Comments from the Public

### **3. APPROVAL OF MINUTES**

The January 9, 2024, minutes were approved by a motion from Director Davidson and seconded by Director Thomas.

### **4. NEW BUSINESS**

**4a Jenny Lind A-B Construction Contract Update, Service Line Additive Item  
(Kevin Willings, Senior District Engineer)**

**DISCUSSION:** Kevin Williams, Senior Civil Engineer, provided brief scope of work of project, discussed potential of change orders, and responded to questions from the committee.

**PUBLIC COMMENT:** Public comment was given by Michael Rogers & Francisco De La Cruz

**4b La Contenta WWTP Improvements  
(Kevin Williams, Senior Civil Engineer)**

**DISCUSSION:** Kevin Williams provided a description of the additional improvements that have been identified by staff for the facility. Questions from the committee were answered directly. Design Proposal to be taken to the Board for Full Approval.

**PUBLIC COMMENT:** Public comment was given by Francisco De La Cruz

**4c Huckleberry Lift Station  
(Kevin Williams, Senior Civil Engineer)**

**DISCUSSION:** Kevin Williams provided a description of items that need improvement for this facility. Questions from the committee were answered directly. Design Proposal to be taken to the Board for Full Approval.

**PUBLIC COMMENT:** No Public comment given.

**4d Reeds Turnpike Pump Station  
(Juan Maya, Associate Civil Engineer)**

**DISCUSSION:** Juan Maya provided proposal for upgrading the current pump station due to full capacity and potential for new development.

**PUBLIC COMMENT:** Public comment was given by Francisco De La Cruz

**4e Copper Cove Lift Station 6 & 8 Construction Scheduling Impacts  
(Jared Gravette, Senior Construction Inspector)**

**DISCUSSION:** Jared Gravette provided construction timeline update and communications with HOA. Questions from the committee were answered directly.

**PUBLIC COMMENT:** No public comment was given.

**5. OLD BUSINESS**

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

**DISCUSSION:**

Jared Gravette provided updates on the following projects;

- Jenny Lind Water System A-B Transmission Pipeline
- West Point and Wilseyville Wastewater Consolidation Project
- West Point Water Supply Reliability Improvements
- Copper Cove B-C Transmission Pipeline

Kevin Williams provided updates on the following project;

- Ebbetts Pass Hunters Raw Water Intake Pumps

Questions from the committee were answered directly by Kevin Williams.

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

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

**DISCUSSION:**

Mark Rincon-Ibarra gave brief updates on the following items:

- Copper Valley Town Square
- Gold Creek subdivision
- Jenny Lind Elementary School Forcemain Project
- Copper Cove Wastewater Tertiary Treatment project.

All questions from the committee were answered by appropriate staff members.

**6. GENERAL MANAGER COMMENTS**

None.

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

None.

**8. NEXT COMMITTEE MEETING**

May 7, 2024

**9. ADJOURNMENT**

There being no further business, the meeting adjourned at approximately 4:01 p.m.

Respectfully submitted,

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Haley Airola  
Engineering Coordinator

# Agenda Item

DATE: April 9, 2024

TO: Michael Minkler, General Manager

FROM: Mark Rincón-Ibarra, District Engineer

RE: Review of the FY 2024-25 District's Five-Year Capital Improvement Program Update

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## SUMMARY

The Capital Improvement Program (CIP) is reviewed and amended each fiscal year before preparing the annual budget. The proposed CIP includes both water and wastewater system infrastructure and targets critical project priorities including:

- System Renovation and Replacement (R&R)
- Increase system reliability and redundancy
- Hazard and risk mitigation (wildfire, flood, etc.)
- Building climate-resilient infrastructure
- Water resources and water supply improvements
- Permit and regulatory compliance
- Addressing worker safety

The District is committed to systematically reinvesting in its water and wastewater facilities to maintain service reliability, preserve functionality, and comply with increasingly more stringent regulatory requirements. However, the cost of the District's infrastructure needs significantly exceed annual funding sources. Consequently, securing grants and/or loans is critical to moving some major projects forward. Staff, with the assistance of a grant consultant, will continue to work to identify grants, loans, and other funding opportunities as may become available to help fund projects. Grants are competitive. As such, staff makes every effort to seek grants, but sensibly does not use unsecured proposed grant funds as part of the District's CIP financial plan.

It is important to point out that the Engineering Department removed many critical projects from the CIP to accommodate the financial capability of the recently completed Rate Study (2023). Several projects that were kept were listed with reduced funding with the expectation that funding would become available (grants/loans) or that the project would be split with construction postponed until funds became available. Projects that were removed from the CIP or are underfunded include:

<b>Water</b>	<b>Wastewater</b>
Lake Tulloch Submerged Water Line Crossing	La Contenta Clarifier, Biolac, and UV Improvements
The Jenny Lind Water Treatment Plant Intake Structure	Vallecito WWTP System Improvements
Jenny Lind Tanks A, B, E, & F Rehabilitation	La Contenta Sprayfields
Middle Fork Pump Station and Transmission Line Replacement	Copper Cove Lift Station Rehabilitation
Ebbetts Pass Larkspur Pump Station Electrical Rehabilitation	Arnold Lift Station 2 & 3 Rehabilitation
Sheep Ranch Distribution System Replacement	Copper Cove Pretreatment & Tertiary Filter Replacement
	Copper Cove Lower & Upper X-Country Gravity Sewer & Force Main
	Huckleberry Lift Station Improvements

The District funds its CIP program from multiple sources, including some which have funding limitations:

- Expansion Funds – Can only be used for projects located in the service area in which the connection fees were collected. Only up to sixty-three percent of collected connection fees can be used for upgrading existing facilities.
- Assessment Districts - Can only be used for projects identified in the Assessment Engineer’s Report and located in the service area in which the assessments were collected.
- Grants – Project specific.
- USDA Loans – Project specific.
- Capital R&R – Can be used in the renovation and replacement of existing facilities and to pay for debt issued to fund capital projects.

The difficulty of culling projects from the CIP was also discussed during the Rate Study. The District has more critical project priorities than it has funds. This fact means the District cannot remediate the risk of infrastructure failure and customer exposure to supply/reliability issues at the rate necessary to lower the risk. The Engineering Department does not intend to let the critical project priorities excluded from the CIP in the Rate Study remain inactive. Staff will aggressively pursue grants and other sources of funding to push as many projects into construction as possible.

Attached are the updated Five-Year Water and Wastewater CIP schedules, the CIP schedule for years six through ten, and draft FY 24-25 Water and Wastewater CIP budgets. There are some projects listed with no identified funding sources. This is especially true in wastewater, even with the second CIP loan. Here are some key points:

## Water

- All projects in the Water Five-Year CIP are funded. However, this required the use of the proposed CIP Loan II debt issuance in FY 25-26. All but \$3.2 million of the \$18.5 million new CIP loan will be used. The remaining \$3.2 million will be used in FY 28-29 to complete the Lake Tulloch Water Line Project. There is no budget for the proposed Bummerville Raw Water Storage Reservoir Enlargement Project.
- FY 28-29, the sixth year of the ten-year schedule, has a \$6.0 million budget and is funded. However, projects scheduled in years seven through ten have substantial shortfalls and total \$55.2 million:
  - FY 29-30 – Budget \$8.05 million, funding \$1.55 million, shortfall of \$6.50 million
  - FY 30-31 – Budget \$6.5 million, funding \$1.25 million, shortfall of \$5.25 million
  - FY 31-32 – Budget \$6.5 million, funding \$1.25 million, shortfall of \$5.25 million
  - FY 32-33 – Budget \$39.45 million, funding \$1.25 million, shortfall of \$38.20 million

## Wastewater

- The Five-Year CIP assumes 100% state funding for the Arnold Secondary Clarifier & WWTP Improvements projects. All projects in the first two years of the five-year model are funded. However, there are shortfalls in the last three years that total \$10.5 million. The \$10.5 million shortfall is the result of two projects:
  - LC Biolac Clarifier & UV Improvements – Budget \$10.2 million, funding \$1.0 million, shortfall \$9.2 million
  - Huckleberry Lift Station Improvements – Budget \$2,223,038, funding \$1,123,038, shortfall \$1.1 million
- FY 30-31, year eight of the ten-year schedule, has a projected budget of \$750,000 and is funded. However, the other years have significant shortfalls:
  - FY 28-29 – Budget \$9.4 million, funding \$1.4 million, shortfall of \$8.0 million
  - FY 29-30 – Budget \$3.25 million, funding \$750,000, shortfall of \$2.50 million
  - FY 31-32 – Budget \$1.4 million, funding \$150,000, shortfall of \$1.25 million
  - FY 32-33 – Budget \$1.4 million, funding \$150,000, shortfall of \$1.25 million

Attached are worksheets for both water and wastewater segments created by staff that will be used in preparing the FY 2024-25 CIP Budget. A project priority list is also attached with un-funded projects highlighted. This information will be presented and discussed at the next Board of Directors meeting.

## FINANCIAL CONSIDERATIONS

The Capital Improvement Projects slated for FY 2024-25 will be incorporated into the Fiscal Year 2024-25 annual budget, which will be presented to the Board in June for



adoption. Multi-year projects may fully obligate funds for 2-3 years until project completion.

*Attachments: Water and Wastewater Five-Year CIP Financial Plan and Project Prioritization  
Water and Wastewater Ten-Year CIP Financial Plan and Project Prioritization  
Draft FY 2024-25 Water and Wastewater CIP Budgets*

Capital Improvement Program  
Schedule of Cash Flow - Water Projects  
FY 2023-24 thru FY 2028-29

Project No	Water Projects Project Description	Project Budget	Expenses to Date	Projected Balance	Cash Flow						Funding FY 23-24			
					FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	Expansion Funds	Capital R & R	CIP Loan	Grants
					<b>Copper Cove</b>									
11083C	Copper Cove Tank B/Clearwell	8,600,000	1,022,991	7,577,009	4,000,000	4,000,000	-			-	1,386,443	-	2,613,557	-
11104	Lake Tulloch Submerged Water Line Crossing	7,500,000	28,362	7,471,638	-	750,000	-		3,500,000	3,500,000	-	-	-	-
11122	C-B Transmission Pipeline	10,000,000	288,886	9,711,114	1,000,000	100,000	4,500,000	4,500,000		-	1,000,000	-	-	-
11132	Copper Cove O'Byrnes Water Line Extension	60,000	23,958	36,042	-	-	-	-		-	-	-	-	-
11133	Copper Cove Ozone Unit Replacement	300,000	-	300,000	300,000	-	-	-		-	-	300,000	-	-
<b>Ebbetts Pass</b>														
11083L	Larkspur Tank Replacement	687,567	586,984	100,583	111,045	-	-			-	-	111,045	-	-
11083S	Ebbetts Pass Sawmill Tank	3,160,000	10,751	3,149,249	-	350,000	2,800,000			-	-	-	-	-
11095	Ebbetts Pass Redwood Tanks HMGP	4,300,000	4,011,008	288,992	300,000	-	-			-	-	75,000	-	225,000
11099	Ebbetts Pass Meadowmont PS / Rehab.	100,000	-	100,000	-	-	-	100,000		-	-	-	-	-
11103	Hunters Raw Water Pumps (Hazard Mitigation)	2,400,000	181,030	2,218,970	2,000,000	2,300,000	-			-	-	500,000	-	1,500,000
11108	Big Trees Pump Stations 4 & 5 Replacement	2,100,000	5,916	2,094,084	-	-	450,000	1,650,000		-	-	-	-	-
11109	White Pines Tule Removal/Spillway	96,715	25,726	70,989	96,715	-	-			-	-	96,715	-	-
11115	Ebbetts Pass Larkspur PS Rehab / Electrical	1,500,000	-	1,500,000	-	-	250,000	1,250,000		-	-	-	-	-
<b>Jenny Lind / Wallace</b>														
11083J	Jenny Lind Clearwell #2	850,000	21,358	828,642	350,000	500,000	-			-	-	350,000	-	-
11088	Jenny Lind A-B Transmission Main	13,500,000	787,241	12,712,759	2,000,000	6,000,000	5,136,110			-	-	-	2,000,000	-
11119	Jenny Lind Tanks A, B, E & F Rehabilitation	1,500,000	-	1,500,000	-	-	-	500,000		-	-	-	-	-
11131	Jenny Lind WTP - Rehab Filters 1 & 2	960,000	906,878	53,122	510,000	-	-			-	150,000	360,000	-	-
	Jenny Lind Intake Structure Replacement	10,500,000	-	10,500,000	-	-	-			-	-	-	-	-
11083W	Wallace Tanks	1,500,000	7,020	1,500,000	-	-	-			1,500,000	-	-	-	-
<b>West Point / Wilseyville</b>														
11106	West Point Backup Filter	2,380,000	2,804,860	(424,860)	561,097	-	-			-	-	537,774	-	23,323
TBD	West Point Regulator Repair/Tule Removal	200,000	-	200,000	200,000	-	-			-	-	200,000	-	-
11107	West Point SCADA Improvements	-	-	-	-	-	-			-	-	-	-	-
<b>Other</b>														
11083W	Tank Rehabilitation Program	6,000,000	-	1,500,000	-	1,000,000	1,250,000	1,250,000	2,250,000	1,000,000	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Total Water Projects</b>	<b>\$ 78,194,282</b>	<b>\$ 10,712,969</b>	<b>\$ 62,988,333</b>	<b>\$ 11,428,857</b>	<b>\$ 15,000,000</b>	<b>\$ 14,386,110</b>	<b>\$ 9,250,000</b>	<b>\$ 5,750,000</b>	<b>\$ 6,000,000</b>	<b>\$ 2,536,443</b>	<b>\$ 2,530,534</b>	<b>\$ 4,613,557</b>	<b>\$ 1,748,323</b>

Capital Improvement Program  
Schedule of Cash Flow - Wastewater Projects  
FY 2023-24 thru FY 2028-29

Project No.	Wastewater Projects Project Description	Project Budget	Expenses to Date	Current Balance	Cash Flow						Funding FY 23-24			
					FY 23-24	FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	Expansion Funds	Capital R & R	CIP Loan	Grants
					<b>Arnold / Forest Meadows</b>									
15095	Arnold Secondary Clarifier/WWTP Improvements	9,200,000	600,369	8,600,000	500,000	-	4,170,000	4,170,000	-	-	350,000	150,000	-	-
15106	FM UV Disinfection System Replacement	500,000	441,483	58,517	300,000	-	-	-	-	-	110,000	190,000	-	-
	Arnold Lift Station 2 & 3 Rehabilitation	3,500,000	-	3,500,000	-	-	-	750,000	-	3,000,000	-	-	-	-
<b>Copper Cove</b>														
15076	CC Lift Station 6, 8 & Force Main Bypass	5,500,000	3,135,874	2,364,126	3,000,000	2,000,000	-	-	-	-	-	-	3,000,000	-
15080	CC Lift Station 15 & 18 Rehab/Replacement	3,600,000	2,370,599	1,229,401	3,100,000	1,000,000	-	-	-	-	-	-	3,100,000	-
15094	CC Tertiary, DAF, and UV Improvements	1,996,190	417,041	1,579,149	500,000	1,500,000	-	-	-	-	500,000	-	-	-
15112	CC Pond 6 Dam Raise	4,543,810	112,397	4,431,413	250,000	667,619	1,838,096	1,838,096	-	-	-	250,000	-	-
	CC Lower/Upper X-Country Gravity/Force Main	3,250,000	-	3,250,000	-	-	500,000	-	1,500,000	1,250,000	-	-	-	-
	Copper Cove Lift Station Rehabilitation	2,500,000	-	2,500,000	-	-	-	-	-	-	-	-	1,250,000	-
<b>La Contenta / Wallace</b>														
15087	Wallace Treatment Plant Renovation	50,000	193,502	(143,502)	-	-	-	-	-	-	-	-	-	-
15097	LC Biolac, Clarifier & UV Improvements	15,000,000	7,018	14,992,982	250,000	750,000	-	4,200,000	5,000,000	5,000,000	100,000	150,000	-	-
15092	Huckleberry Lift Station Improvements	2,300,000	-	2,300,000	-	1,123,038	1,100,000	-	-	-	-	-	-	-
15101	La Contenta Spray Fields	1,200,000	-	1,200,000	-	-	-	-	-	-	-	-	-	-
<b>West Point / Wilseyville / Vallecito</b>														
15091	West Point/Wilseyville Consolidation Project	10,000,000	4,996,519	5,003,481	5,000,000	2,500,000	-	-	-	-	-	-	-	5,000,000
15111	Vallecito WWTP - System Improvements	150,000	118,907	31,093	50,000	-	-	-	-	-	-	-	-	-
<b>Other</b>														
15109	Collections System Rehab and I&I Mitigation	900,000	211,343	688,657	150,000	150,000	150,000	150,000	150,000	150,000	-	150,000	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Wastewater Projects</b>		<b>\$ 64,190,000</b>	<b>\$ 12,605,052</b>	<b>\$ 51,585,317</b>	<b>\$ 13,100,000</b>	<b>\$ 9,690,657</b>	<b>\$ 7,758,096</b>	<b>\$ 11,108,096</b>	<b>\$ 6,650,000</b>	<b>\$ 9,400,000</b>	<b>\$ 1,060,000</b>	<b>\$ 890,000</b>	<b>\$ 7,350,000</b>	<b>\$ 5,000,000</b>
<b>TOTAL WATER &amp; WASTEWATER PROJECTS</b>		<b>\$ 142,384,282</b>	<b>\$ 23,318,021</b>	<b>\$ 114,573,650</b>	<b>\$ 24,528,857</b>	<b>\$ 24,690,657</b>	<b>\$ 22,144,206</b>	<b>\$ 20,358,096</b>	<b>\$ 12,400,000</b>	<b>\$ 15,400,000</b>	<b>\$ 3,596,443</b>	<b>\$ 3,420,534</b>	<b>\$ 11,963,557</b>	<b>\$ 6,748,323</b>

Capital Improvement Program  
Schedule of Cash Flow - Water Projects  
FY 2028-29 thru FY 2032-33

Project No	Water Projects Project Description	Project Budget	Expenses to Date	Projected Balance	Cash Flow						Funding FY 28-29			
					FY 28-29	FY 29-30	FY 30-31	FY 31-32	FY 32-33	FY 33-34	Expansion Funds	Capital R & R	CIP Loan	Grants
					<b>Copper Cove</b>									
11083C	Copper Cove Tank B/Clearwell	8,600,000	1,022,991	7,577,009	-	-	-	-	-	-	-	-	-	-
11104	Lake Tulloch Submerged Water Line Crossing	7,500,000	28,362	7,471,638	3,500,000	-	-	-	-	-	-	3,500,000	-	-
11122	C-B Transmission Pipeline	10,000,000	288,886	9,711,114	-	-	-	-	-	-	-	-	-	-
11132	Copper Cove O'Byrnes Water Line Extension	60,000	23,958	36,042	-	-	-	-	-	-	-	-	-	-
11133	Copper Cove Ozone Unit Replacement	300,000	-	300,000	-	-	-	-	-	-	-	-	-	-
<b>Ebbetts Pass</b>														
11083L	Larkspur Tank Replacement	687,567	586,984	100,583	-	-	-	-	-	-	-	-	-	-
11083S	Ebbetts Pass Sawmill Tank	3,160,000	10,751	3,149,249	-	-	-	-	-	-	-	-	-	-
11095	Ebbetts Pass Redwood Tanks HMGP	4,300,000	4,011,008	288,992	-	-	-	-	-	-	-	-	-	-
11099	Ebbetts Pass Meadowmont PS / Rehab.	100,000	-	100,000	-	-	-	-	-	-	-	-	-	-
11103	Hunters Raw Water Pumps (Hazard Mitigation)	2,400,000	181,030	2,218,970	-	-	-	-	-	-	-	-	-	-
11108	Big Trees Pump Stations 4 & 5 Replacement	2,100,000	5,916	2,094,084	-	-	-	-	-	-	-	-	-	-
11109	White Pines Tule Removal/Spillway	96,715	25,726	70,989	-	-	-	-	-	-	-	-	-	-
11115	Ebbetts Pass Larkspur PS Rehab / Electrical	1,500,000	-	1,500,000	-	-	-	-	-	-	-	-	-	-
<b>Jenny Lind / Wallace</b>														
11083J	Jenny Lind Clearwell #2	850,000	21,358	828,642	-	-	-	-	-	-	-	-	-	-
11088	Jenny Lind A-B Transmission Main	13,500,000	787,241	12,712,759	-	-	-	-	-	-	-	-	-	-
11119	Jenny Lind Tanks A, B, E & F Rehabilitation	1,500,000	-	1,500,000	-	-	-	-	-	-	-	-	-	-
11131	Jenny Lind WTP - Rehab Filters 1 & 2	960,000	906,878	53,122	-	-	-	-	-	-	-	-	-	-
	Jenny Lind Intake Structure Replacement	10,500,000	-	10,500,000	-	6,500,000	4,000,000	-	-	-	-	-	-	-
11083W	Wallace Tanks	1,500,000	7,020	1,500,000	1,500,000	-	-	-	-	-	-	1,500,000	-	-
<b>West Point / Wilseyville</b>														
11106	West Point Backup Filter	2,380,000	2,804,860	(424,860)	-	-	-	-	-	-	-	-	-	-
TBD	West Point Regulator Repair/Tule Removal	200,000	-	200,000	-	-	-	-	-	-	-	-	-	-
11107	West Point SCADA Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Other</b>														
11083W	Tank Rehabilitation Program	6,000,000	-	6,000,000	1,000,000	1,250,000	1,250,000	1,250,000	1,250,000	-	-	1,000,000	-	-
11124	Middle Fork PS & Intake Replacement	5,000,000	-	5,000,000	-	-	-	2,000,000	3,000,000	-	-	-	-	-
11123	Middle Fork PS Transmission Line Replacement	5,000,000	-	5,000,000	-	-	-	2,000,000	3,000,000	-	-	-	-	-
	Sheep Ranch Water Distribution System Replc	2,200,000	-	2,200,000	-	-	-	-	2,200,000	-	-	-	-	-
	Sheep Ranch Water Treatment Plant Replc	2,800,000	-	2,800,000	-	300,000	1,250,000	1,250,000	-	-	-	-	-	-
	Sheep Ranch Water Supply	30,000,000	-	30,000,000	-	-	-	-	30,000,000	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Water Projects</b>		<b>\$ 123,194,282</b>	<b>\$ 10,712,969</b>	<b>\$ 112,488,333</b>	<b>\$ 6,000,000</b>	<b>\$ 8,050,000</b>	<b>\$ 6,500,000</b>	<b>\$ 6,500,000</b>	<b>\$ 39,450,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,000,000</b>	<b>\$ -</b>	<b>\$ -</b>

Capital Improvement Program  
Schedule of Cash Flow - Wastewater Projects  
FY 2028-29 thru FY 2032-33

Project No.	Wastewater Projects Project Description	Project Budget	Expenses to Date	Current Balance	Cash Flow						Funding FY 28-29			
					FY 28-29	FY 29-30	FY 30-31	FY 31-32	FY 32-33	FY 33-34	Expansion Funds	Capital R & R	CIP Loan	Grants
					<b>Arnold / Forest Meadows</b>									
15095	Arnold Secondary Clarifier/WWTP Improvements	9,200,000	600,369	8,600,000	-	-	-	-	-	-	-	-	-	-
15106	FM UV Disinfection System Replacement	500,000	441,483	58,517	-	-	-	-	-	-	-	-	-	-
	Arnold Lift Station 2 & 3 Rehabilitation	3,500,000	-	3,500,000	3,000,000	2,500,000	-	-	-	-	-	-	-	-
<b>Copper Cove</b>														
15076	CC Lift Station 6, 8 & Force Main Bypass	5,500,000	3,135,874	2,364,126	-	-	-	-	-	-	-	-	-	-
15080	CC Lift Station 15 & 18 Rehab/Replacement	3,600,000	2,370,599	1,229,401	-	-	-	-	-	-	-	-	-	-
15094	CC Tertiary, DAF, and UV Improvements	1,996,190	417,041	1,579,149	-	-	-	-	-	-	-	-	-	-
15112	CC Pond 6 Dam Raise	4,543,810	112,397	4,431,413	-	-	-	-	-	-	-	-	-	-
	CC Lower/Upper X-Country Gravity/Force Main	3,250,000	-	3,250,000	1,250,000	-	-	-	-	-	-	-	1,250,000	-
	Copper Cove Lift Station Rehabilitation	2,500,000	-	2,500,000	-	-	-	1,250,000	1,250,000	-	-	-	-	-
<b>La Contenta / Wallace</b>														
15087	Wallace Treatment Plant Renovation	50,000	193,502	(143,502)	-	-	-	-	-	-	-	-	-	-
15097	LC Biolac, Clarifier & UV Improvements	15,000,000	7,018	14,992,982	5,000,000	-	-	-	-	-	-	-	-	-
15092	Huckleberry Lift Station Improvements	2,300,000	-	2,300,000	-	-	-	-	-	-	-	-	-	-
15101	La Contenta Spray Fields	1,200,000	-	1,200,000	-	600,000	600,000	-	-	-	-	-	-	-
<b>West Point / Wilseyville / Vallecito</b>														
15091	West Point/Wilseyville Consolidation Project	10,000,000	4,996,519	5,003,481	-	-	-	-	-	-	-	-	-	-
15111	Vallecito WWTP - System Improvements	150,000	118,907	31,093	-	-	-	-	-	-	-	-	-	-
<b>Other</b>														
15109	Collections System Rehab and I&I Mitigation	900,000	211,343	688,657	150,000	150,000	150,000	150,000	150,000	-	-	150,000	-	-
		-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total Wastewater Projects</b>		<b>\$ 64,190,000</b>	<b>\$ 12,605,052</b>	<b>\$ 51,585,317</b>	<b>\$ 9,400,000</b>	<b>\$ 3,250,000</b>	<b>\$ 750,000</b>	<b>\$ 1,400,000</b>	<b>\$ 1,400,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 150,000</b>	<b>\$ 1,250,000</b>	<b>\$ -</b>
<b>TOTAL WATER &amp; WASTEWATER PROJECTS</b>		<b>\$ 187,384,282</b>	<b>\$ 23,318,021</b>	<b>\$ 164,073,650</b>	<b>\$ 15,400,000</b>	<b>\$ 11,300,000</b>	<b>\$ 7,250,000</b>	<b>\$ 7,900,000</b>	<b>\$ 40,850,000</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 6,150,000</b>	<b>\$ 1,250,000</b>	<b>\$ -</b>

Capital Improvement Program  
Schedule of Cash Flow - Water Projects  
FY 2024-25 thru FY 2026-2027

Project No	Water Projects Project Description	Project Budget	Expenses to Date	Projected Balance	Cash Flow			Funding FY 24-25				AD / Other Outside
					FY 24-25	FY 25-26	FY 26-27	Expansion Funds	Capital R & R	CIP Loan	Grants	
					<b>Copper Cove</b>							
11083C	Copper Cove Tank B/Clearwell	8,600,000	1,022,991	7,577,009	4,000,000	-	-	186,110	-	3,813,890	-	-
11104	Lake Tulloch Submerged Water Line Crossing	7,500,000	28,362	7,471,638	750,000	4,500,000	4,500,000	150,000	600,000	-	-	-
11122	CC Zone B-C Trans Pipeline & Pump Station	10,000,000	288,886	9,711,114	100,000	-	-	-	100,000	-	-	-
11132	Copper Cove O'Byrnes Water Line Extension	60,000	23,958	36,042	-	-	-	-	-	-	-	-
11133	Copper Cove Ozone Unit Replacement	300,000	-	300,000	-	-	-	-	-	-	-	-
<b>Ebbetts Pass</b>												
11083L	Larkspur Tank Replacement	687,567	586,984	100,583	-	-	-	-	-	-	-	-
11083S	Ebbetts Pass Sawmill Tank	3,160,000	10,751	3,149,249	350,000	2,800,000	-	-	350,000	-	-	-
11095	Ebbetts Pass Redwood Tanks HMGP	4,300,000	4,011,008	288,992	-	-	-	-	-	-	-	-
11099	Ebbetts Pass Meadowmont PS / Rehab.	100,000	-	100,000	-	-	100,000	-	-	-	-	-
11103	Hunters Raw Water Pumps (Hazard Mitigation)	2,400,000	181,030	2,218,970	2,300,000	-	-	-	575,000	-	1,725,000	-
11108	Big Trees Pump Stations 4 & 5 Replacement	2,100,000	5,916	2,094,084	-	450,000	1,650,000	-	-	-	-	-
11109	White Pines Tule Removal/Spillway	96,715	25,726	70,989	-	-	-	-	-	-	-	-
11115	Ebbetts Pass Larkspur PS Rehab / Electrical	1,500,000	-	1,500,000	-	250,000	1,250,000	-	-	-	-	-
<b>Jenny Lind / Wallace</b>												
11083J	Jenny Lind Clearwell #2	850,000	21,358	828,642	500,000	-	-	-	500,000	-	-	-
11088	Jenny Lind A-B Transmission Main	13,500,000	787,241	12,712,759	6,000,000	5,136,110	-	-	-	6,000,000	-	-
11119	Jenny Lind Tanks A, B, E & F Rehabilitation	1,500,000	-	1,500,000	-	-	-	-	-	-	-	-
11131	Jenny Lind WTP - Rehab Filters 1 & 2	960,000	906,878	53,122	-	-	-	-	-	-	-	-
11083W	Wallace Tanks	1,500,000	7,020	1,500,000	-	-	-	-	-	-	-	-
<b>West Point / Wilseyville / Vallecito</b>												
11106	West Point Backup Filter	2,380,000	2,804,860	(424,860)	-	-	-	-	-	-	-	-
TBD	West Point Regulator Repair/Tule Removal	200,000	-	200,000	-	-	-	-	-	-	-	-
11107	West Point SCADA Improvements	-	-	-	-	-	-	-	-	-	-	-
<b>Other</b>												
11083W	Tank Rehabilitation Program	6,000,000	-	1,500,000	1,000,000	1,250,000	1,750,000	-	1,000,000	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	<b>Total Water Projects</b>	<b>\$ 67,694,282</b>	<b>\$ 10,712,969</b>	<b>\$ 52,488,333</b>	<b>\$ 15,000,000</b>	<b>\$ 14,386,110</b>	<b>\$ 9,250,000</b>	<b>\$ 336,110</b>	<b>\$ 3,125,000</b>	<b>\$ 9,813,890</b>	<b>\$ 1,725,000</b>	<b>\$ -</b>

Capital Improvement Program  
Schedule of Cash Flow - Wastewater Projects  
FY 2024-25 thru FY 2026-27

Project No.	Wastewater Projects Project Description	Project Budget	Expenses to Date	Current Balance	Cash Flow			Funding FY 24-25				AD / Other Outside
					FY 24-25	FY 25-26	FY 26-27	Expansion Funds	Capital R & R	CIP Loan	Grants	
					<b>Arnold / Forest Meadows</b>							
15095	Arnold Secondary Clarifier/WWTP Improvements	9,200,000	600,369	8,599,631	-	4,170,000	4,170,000	-	-	-	-	-
15106	FM UV Disinfection System Replacement	500,000	441,483	58,517	-	-	-	-	-	-	-	-
	Arnold Lift Station 2 & 3 Rehabilitation	3,500,000	-	3,500,000	-	-	750,000	-	-	-	-	-
<b>Copper Cove</b>												
15076	CC Lift Station 6, 8 & Force Main Bypass	5,500,000	3,135,874	2,364,126	2,000,000	-	-	-	-	2,000,000	-	-
15080	CC Lift Station 15 & 18 Rehab/Replacement	3,600,000	2,370,599	1,229,401	1,000,000	-	-	-	-	1,000,000	-	-
15094	CC Tertiary, DAF, and UV Improvements	1,996,190	417,041	1,579,149	1,500,000	-	-	-	-	1,500,000	-	-
15112	CC Pond 6 Dam Raise	4,543,810	112,397	4,431,413	667,619	1,838,096	1,838,096	467,619	200,000	-	-	-
	CC Lower/Upper X-Country Gravity/Force Main	3,250,000	-	3,250,000	-	500,000	-	-	-	-	-	-
<b>La Contenta / Wallace</b>												
15087	Wallace Treatment Plant Renovation	50,000	193,502	(143,502)	-	-	-	-	-	-	-	-
15097	LC Biolac, Clarifier, & UV Improvements	15,000,000	7,018	14,992,982	750,000	-	4,200,000	-	750,000	-	-	-
TBD	Huckleberry Lift Station Improvements	2,300,000	-	2,300,000	1,123,038	1,100,000	-	270,000	853,038	-	-	-
<b>West Point / Wilseyville / Vallecito</b>												
15091	West Point/Wilseyville Consolidation Project	10,000,000	4,996,519	5,003,481	2,500,000	-	-	-	-	-	2,500,000	-
15111	Vallecito WWTP - System Improvements	150,000	118,907	31,093	-	-	-	-	-	-	-	-
<b>Other</b>												
15109	Collections System Rehab and I&I Mitigation	900,000	211,343	688,657	150,000	150,000	150,000	-	150,000	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
<b>Total Wastewater Projects</b>		<b>\$ 60,490,000</b>	<b>\$ 12,605,052</b>	<b>\$ 47,884,948</b>	<b>\$ 9,690,657</b>	<b>\$ 7,758,096</b>	<b>\$ 11,108,096</b>	<b>\$ 737,619</b>	<b>\$ 1,953,038</b>	<b>\$ 4,500,000</b>	<b>\$ 2,500,000</b>	<b>\$ -</b>
<b>TOTAL WATER &amp; WASTEWATER PROJECTS</b>		<b>\$ 128,184,282</b>	<b>\$ 23,318,021</b>	<b>\$ 100,373,281</b>	<b>\$ 24,690,657</b>	<b>\$ 22,144,206</b>	<b>\$ 20,358,096</b>	<b>\$ 737,619</b>	<b>\$ 11,766,928</b>	<b>\$ 6,225,000</b>	<b>\$ 2,500,000</b>	<b>\$ -</b>