

# 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  
Thursday, February 13, 2025  
2:00 p.m.

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

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

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

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### COMMITTEE MEMBERS

Director Davidson, Chair

Russ Thomas, Director

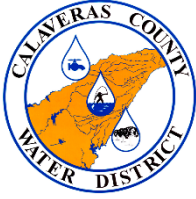
## **ORDER OF BUSINESS**

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

1. **ROLL CALL**
2. **PUBLIC COMMENT**
3. **APPROVAL OF MINUTES:** For the meeting of October 29, 2024
4. **NEW BUSINESS**
  - 4a CIP Update  
(Kevin Williams, District Engineer)
  - 4b Developer Project Updates  
(Kevin Williams, District Engineer)
5. **OLD BUSINESS**
  - 5a Other Updates  
(Juan Maya, Associate Civil Engineer)
- 6.\* **GENERAL MANAGER COMMENTS**
- 7.\* **DIRECTOR COMMENTS OR FUTURE AGENDA ITEMS**
8. **NEXT COMMITTEE MEETING:** March 4, 2025
9. **ADJOURNMENT**

\*No information included in packet

February 13, 2025, Committee Meeting.



# CALAVERAS COUNTY WATER DISTRICT SPECIAL ENGINEERING COMMITTEE

**MINUTES**  
**October 29, 2024**

Directors/Committee Members present:

Russ Thomas  
Jeff Davidson

Staff present:

Michael Minkler	General Manager
Kevin Williams	Senior Civil Engineer
Sam Singh	Senior Engineering Technician
Jared Gravette	Senior Supervisor Construction Inspection*
Juan Maya	Civil Engineer
Haley Airola	Engineering Coordinator
Kelly Gerkenmeyer	External Affairs Manager
Kate Jesus	Human Resources Technician*
Rebecca Hitchcock	Executive Assistance/Clerk to the board*
Bana Rousan-Gedese	Water Resource Specialist*
Quentin Smith	Information Systems Technician*

Others present:

Patrick Roy	Member of the Public*
Denise Landstedt	Member of the Public*

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

**1. ROLL CALL**

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

**2. PUBLIC COMMENT**

No Comments from the Public

**3. APPROVAL OF MINUTES**

The September 10, 2024, minutes were approved by a motion from Director Thomas and seconded by Director Davidson.

4. **NEW BUSINESS**

4a **Grant Pursuits Update  
(Denise Landstedt, Landstedt Consulting &  
Kevin Williams, Senior Civil Engineer)**

**DISCUSSION:** Kevin Williams provided an update on current projects that are being grant funded. Denise Landstedt provided a slideshow of current work that has been provided to the District. All questions from the committee were answered directly by Kevin Williams or Denise Landstedt.

**PUBLIC COMMENT:** No Public Comment was given.

4b **West Point Drought Water Supply Update CIP 11129  
(Kevin Williams, Senior Civil Engineer)**

**DISCUSSION:** Kevin Williams provided a description of the project and requested to move to the full Board. Approval was granted to present to the full Board. All questions from committee were answered directly by Kevin William

**PUBLIC COMMENT:** No Public Comment was given.

5. **OLD BUSINESS**

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

**DISCUSSION:** The engineering department provided updates on all CIP projects. Any questions from the Committee were answered by the department.

**PUBLIC COMMENT:** Public Comment given by Patrick Roy.

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

**DISCUSSION:** The engineering department provided updates on developer driven projects. Any questions from the Committee were answered by the department.

**PUBLIC COMMENT:** Public comment was given by Patrick Roy.

6. **GENERAL MANAGER COMMENTS**

Michael Minkler expressed appreciation and gratitude to the engineering staff.

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

None.

8. **NEXT COMMITTEE MEETING**

January 7, 2025

9. **ADJOURNMENT**

There being no further business, the meeting adjourned at approximately 3:07 p.m.

Respectfully submitted,

*Haley Airola*

Haley Airola  
Engineering Coordinator

DRAFT

# Agenda Item

DATE: February 11, 2024

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

FROM: Engineering Department

RE: FY 2025-2026 Capital Improvement Program

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This Presentation will kickoff the Capital Improvement Plan planning process for Fiscal Year 2025-26. In 2023 the District adopted a new rate schedule to help repair and modernize the aging of our infrastructure. Staff have been successful at implementing the projects that are included in the CIP and will highlight those successes in this presentation. The rate model has additional projects included in the years of four and five that are in design and development and staff is requesting to include them in FY25-26 CIP.

Since the Rate Model was completed, the District has also qualified for grants on projects that were deferred. These projects will need to be added to the Capital Improvement Program. Staff also looked at restricted funds that are only available for use within specific service areas. We have identified important projects in the West Point Sewer and Southworth Sewer service areas that can benefit from the use of the available funds. Staff is requesting to add these Projects to the 5-Year CIP.

## **Projects to be Completed in FY 2024-25**

**Copper Cove Lift Stations 6, 8, 15 & 16 and Lift Stations 12 & 13 Force Main Bypass Project (CIP 15076/15080)** – Mazingo Construction is substantially complete with the project, staff anticipates bringing the project to the Board for approval on February 12th.

**Jenny Lind Clearwell #2 Rehabilitation (CIP 11083J)** – Cronso Construction is complete with Clearwell Rehabilitation. Disinfection and filling of the tank will begin once the District completes a valve replacement. The newly rehabilitated tank should be online in March 2025.

**AMI / AMR Project (CIP 11096)** –The District plans to bring the Mueller Construction Contract to the Board for final approval at the February 12<sup>th</sup> meeting. There is a surplus of \$1 Million in USDA grant funds that the District plans to utilize for related infrastructure improvements.

**West Point Water Supply Reliability Improvements (CIP 11106)** – The project is substantially complete. The staff plans to bring the construction contract to the Board for approval pending final agreements with KW Emerson.

**Copper Cove Water System Improvements Project – B Tank and Clearwell (CIP 11083C)** – The new clearwell is scheduled to be online next week. The remaining work includes the rehabilitation of the existing Clearwell. Construction is projected to be completed around June 2025.

**West Point and Wilseyville Wastewater Consolidation Project (CIP 15091)** – Construction is nearly complete, remaining work includes completing electrical work and cleaning of the existing pond in Wilseyville.

### **Ongoing and Project Coming to Construction**

**Jenny Lind Water System A-B Water Transmission Pipeline (CIP 11088)** – DA Wood has been installing 14” water transmission main along with new pressure reducing stations. *Rate Model: Construction FY24/25*

**Copper Cove C Transmission Line & Pump Station (formally known and B-C Transmission Main) (CIP 11122)** – The District has advertised for construction bids; Bids are due on March 5. The staff anticipates the award of the construction contract to be in April 2025. *Rate Model: Construction FY24/FY25.*

**Ebbetts Pass Hunters Raw Water Intake Pumps (CIP 11103)** – The construction portion of the grant was awarded by FEMA but subsequently withdrawn by Cal-OES due to lack of funds in their account. At the direction of Cal-OES, staff re-submitted the application under another funding source. The staff expects to have construction funds re-awarded soon. *Rate Model: Construction FY24 – Grant funding has been delayed.*

**Arnold Wastewater Secondary Clarifier Improvements Project (CIP 15095)** - Application process for USDA Loan is underway. We anticipate USDA Loan process will be completed in the next couple of months. *Rate Model: Construction FY25/FY26*

**Sawmill Tank Management Program (CIP 11083S)** – Blackwater has completed the 90% Project Plans; Staff anticipates construction advertisement in March. *Rate Model: Construction FY26*

**Wallace Tank Replacement (CIP11083W)**- Blackwater has completed the 90% Project Plans, Staff anticipates construction advertisement in March along with the Sawmill Tank Project. *Rate Model: Construction FY28*

**Huckleberry Lift Station (CIP 15092)** – Project was at 50% Design; the initial construction cost estimate came in high. Lumos Engineering provided value engineering

and recommendations to reduce costs. The Project should be ready for construction in the FY25-26. *Rate Model: Construction FY29*

**Copper Cove Wastewater Treatment Plant Tertiary Treatment Improvements and Facilities Plan (USACE Section 219 Project – Increment No. 1). (CIP 15094)** Tertiary Drawings are at 90%, District has been working with USACE to secure SAF unit necessary for first stage of Project. USACE procurement policies for 219 have evolved with rule changes during the Procurement Process, which has caused some delays in the ability to acquire equipment. *Rate Model: Construction FY24 and FY25.*

### **Projects in Design and Development**

#### **La Contenta Biolac and Clarifier (CIP 15097)**

Project is near 50% design level. Staff plans to have a shovel ready project within the next 6 months. This is a very critical project but is not currently included in the CIP budget because of shortfalls in funding. *Rate Model: Design FY24, Construction funding not included in rate plan.*

#### **Lake Tulloch Intertie Project (CIP 11104)**

This project is at 50% design and the District plans to have shovel ready Project by June. Construction is planned to begin after the C Transmission Line project construction has been completed. *Rate Model FY 2025 Design (Originally named: Lake Tullock Submerged Water Line)*

#### **Big Trees Pump Station (CIP 11108)**

Project Development Phase: RFP to be issued FY25-26. The existing pump stations are undersized, deteriorating and have operational challenges.

*Rate Model: Design FY26, Construction FY27*

#### **Ebbetts Pass Larkspur Pump Station (CIP 11115)**

Project Development Phase: The existing electrical panels has reliability/safety issues and needs to be replace, a third pump needs to be added, and existing pump building needs structural repairs.

*Rate Model: Design FY26, Construction FY27*

#### **Arnold Lift Station 2 and 3 (CIP 15115)**

Project Development Phase. The existing steel wet wells are deteriorating, and the existing pumps/electrical system needs to be upgraded. Overflow and flood protection is also needed around Lift Station 2 as it backs up to creek which can be a significant source of I&I. *Rate Model: Design FY27*



### **Copper Cove Lower and Upper Cross Country Sewer (15116)**

Project Development Phase: This is a critical cross-county sewer force main that is at capacity. This Project would upsize the existing 6" force main to better handle existing and provides ability for increased capacity.

*Rate Model: Design FY26/27*

### **Jenny Lind A Tank Replacement (CIP 11119)**

Project Development Phase: Jenny Lind A Tank is the most critical tank in the Water System, and it is in very poor condition. This Project would replace the existing A Tank with an new tank of similar size or two smaller tanks.

*Rate Model: Design FY27, Construction FY28*

### **Hunters Water Treatment Plant Clearwell (11083H)**

Project Development Phase: This Project will replace the existing Clearwell at Ebbetts Pass Water Treatment Plant. The Clearwell Tank is in poor condition and needs to be replaced.

*Rate Model:*

### **Timber Trails Tank and Pump Station (11135)**

Project Development Phase: The District applied for grant with USBR Water Smart Program. Timber Trails the last Redwood Tank in District, it is in very poor condition and within the national forest where it is very susceptible to wildfires.

*Rate Model: Tank Rehabilitation Program/Potential Grant Funding*

### **West Point Drought (CIP 11129)**

Project funded with 90% Grant funds to Enlarge Capacity of the Bummerville Reservoir. Blackwater and Crawford are working on the Survey, Geotechnical and other Preliminary Work.

*Rate Model: Not included in the Rate Model, Recent Grant Funded Project*

### **West Point Septic Tank Replacement**

The West Point Sewer is a STEP system where every connection has a septic tank that is maintained by the District. Approximately half of the septic tanks in West Point are plastic "Ball Tanks." These ball tanks do not separate the solids effectively, they are difficult to maintain and have a short lifespan. The proposed project would replace plastic tanks with traditional septic tanks that provide better separation of solids. *West Point Sewer – Restricted Funds.*

### **Southworth Treatment Plant Improvements**

Plant improvements would include drainage, access to roadways, fencing and structures. *Southworth Treatment Plant – Restricted Funds.*

**Projects removed from CIP list**

The projects listed below have been removed from the CIP list due to completion, not meeting CIP budget criteria or project is no longer a priority.

<b>Project</b>	<b>Description</b>	<b>Final Cost</b>
11107	West Point SCADA Improvements	\$ -
11133	Copper Cove Ozone Unit Replacement	\$289,987
11083L	Larkspur Tank Replacement	\$586,984
11132	Copper Cove O'Byrnes Water Line Extension	\$32,657
11095	Ebbetts Pass Redwood Tank HMGP	\$4,011,008
11099	Ebbetts Pass Meadowmont PS/Rehab	\$ -
11109	White Pines Tule Removal/Spillway	\$40,053
11131	Jenny Lind WTP – Rehab Filters 1&2	\$907,290
15087	Wallace Treatment Plant Renovation	\$189,806
15101	La Contenta Spray Fields	\$ -
15111	Vallecito WWTP – System Improvement	

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			
					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 Intertie Project	7,500,000	28,362	7,471,638	750,000	-	-	150,000	600,000	-	-
11122	CC Zone B-C Trans Pipeline & Pump Station	10,000,000	288,886	9,711,114	100,000	4,500,000	4,500,000	-	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)	-	-	-	-	-	-	-
11134	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	-	6,000,000	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>\$ 56,988,333</b>	<b>\$ 15,200,000</b>	<b>\$ 14,386,110</b>	<b>\$ 9,250,000</b>	<b>\$ 336,110</b>	<b>\$ 3,325,000</b>	<b>\$ 9,813,890</b>	<b>\$ 1,725,000</b>

Capital Improvement Program  
Schedule of Cash Flow - Water Projects  
FY 2025-26 thru FY 2026-2027

Project No	Fund	Water Projects Project Description	Project Budget	Expenses to Date	Projected Balance	FY 24-25 YTD Expenditures	FY 24-25 Remaining Balance	Cash Flow					
								FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
<b>Copper Cove</b>													
11083C	374/323	Copper Cove Tank B/Clearwell	8,600,000	6,465,538	2,134,462	1,049,786	2,950,214	4,000,000	1,000,000	-			
11104	374/125	Lake Tulloch Intertie Project	7,500,000	187,798	7,312,202	100,119	649,881	750,000	-	-	2,250,000	4,500,000	
11122	125	Copper C Tank Trans Pipeline	10,000,000	459,321	9,540,679	180,235	154,765	335,000	4,500,000	4,500,000			
<b>Ebbetts Pass</b>													
11083S	125	Ebbetts Pass Sawmill Tank	3,560,000	122,070	3,437,930	110,939	389,061	500,000	3,000,000				
11103	125	Hunters Raw Water Pumps (Hazard Mitigation)	3,600,000	213,019	3,386,981	7,588	142,412	150,000	3,250,000	-			
11108		Big Trees Pump Stations 4 & 5 Replacement	3,000,000	5,916	2,994,084	-	-	-	-	500,000	2,000,000	500,000	
11115		Ebbetts Pass Larkspur PS Rehab / Electrical	1,500,000	-	1,500,000	-	-	-	-	250,000	1,250,000		
11135	Grant	Timber Trails Redwood Water Storage Tank & P/S	3,500,000						500,000	1,500,000	1,500,000		
11083H		Hunters WTP Clearwell Replacement	3,000,000									500,000 2,500,000	
<b>Jenny Lind / Wallace</b>													
11083J	125	Jenny Lind Clearwell #2	700,000	410,726	289,274	311,688	388,312	700,000	-	-			
11088	123	Jenny Lind A-B Transmission Main	13,500,000	4,279,756	9,220,244	2,092,420	3,907,580	6,000,000	5,136,110	-			
11119		Jenny Lind Tanks A Replacement	3,000,000	-	3,000,000	-	-	-	-	500,000	2,500,000		
11083W		Wallace Tanks	1,700,000	173,167	1,500,000	166,147	183,853	350,000	1,350,000	-			
<b>West Point / Wilseyville / Vallecito</b>													
11106		West Point Backup Filter	3,000,000	2,839,003	160,997	16,513	113,487	130,000	-	-			
11134	125	West Point Regulator Repair/Tule Removal	200,000	-	200,000	-	-	-	200,000	-			
11129	Grant	West Point Drought Water Supply	8,700,000					300,000	2,500,000	5,000,000	900,000		
<b>Other</b>													
		<b>Total Water Projects</b>	<b>\$ 75,060,000</b>	<b>\$ 15,156,315</b>	<b>\$ 44,676,852</b>	<b>\$ 4,035,435</b>	<b>\$ 8,879,565</b>	<b>\$ 13,215,000</b>	<b>\$ 21,436,110</b>	<b>\$ 12,250,000</b>	<b>\$ 10,400,000</b>	<b>\$ 5,500,000 2,500,000</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			
					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	723,038	4,170,000	3,706,593	250,000	473,038	-	-
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	400,000	1,100,000	-	270,000	130,000	-	-
<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>\$ 10,644,689</b>	<b>\$ 987,619</b>	<b>\$ 1,703,038</b>	<b>\$ 4,500,000</b>	<b>\$ 2,500,000</b>
<b>TOTAL WATER &amp; WASTEWATER PROJECTS</b>		<b>\$ 128,184,282</b>	<b>\$ 23,318,021</b>	<b>\$ 104,873,281</b>	<b>\$ 24,890,657</b>	<b>\$ 22,144,206</b>	<b>\$ 19,894,689</b>	<b>\$ 1,323,729</b>	<b>\$ 5,028,038</b>	<b>\$ 14,313,890</b>	<b>\$ 4,225,000</b>

Capital Improvement Program  
Schedule of Cash Flow - Wastewater Projects  
FY 2025-26 thru FY 2029-30

Project No.	Fund	Wastewater Projects Project Description	Project Budget	Expenses to Date	Project Balance	FY 24-25 YTD Expenditures	FY 24-25 Remaining Balance	Cash Flow					
								FY 24-25	FY 25-26	FY 26-27	FY 27-28	FY 28-29	FY 29-30
<b>Arnold / Forest Meadows</b>													
15095	544/525	Arnold Secondary Clarifier/WWTP Improvements	10,300,000	762,831	9,537,169	48,680	674,358	723,038	2,175,000	5,735,000	1,500,000		
15115		Arnold Lift Station 2 & 3 Rehabilitation	3,500,000	-	3,500,000	-	-	-	-	-	800,000	1,500,000	1,200,000
<b>Copper Cove</b>													
15076	523	CC Lift Station 6, 8 & Force Main Bypass	5,500,000	4,777,461	722,539	660,320	1,339,680	2,000,000	-	-			
15080	523	CC Lift Station 15 & 18 Rehab/Replacement	3,600,000	3,563,718	36,282	572,613	427,387	1,000,000	-	-			
15094T	523	CC SAF, Tertiary	1,996,190	1,085,347	910,843	369,447	1,130,553	1,500,000	-	-			
15112	584/525	CC Pond 6 Enlargement	4,543,810	125,507	4,418,303	13,110	654,509	667,619	1,838,096	1,838,096			
15116		CC Lower/Upper X-Country Gravity/Force Main	3,250,000	-	3,250,000	-	-	-		-	500,000	2,750,000	
<b>La Contenta/Wallace</b>													
15097	525	LC Biolac, Clarifier	15,000,000	297,269	14,702,731	284,715	465,285	750,000	150,000	4,000,000	8,100,000	2,000,000	
15092B	564/525	Huckleberry Lift Station Improvements	6,000,000	149,025	5,850,975	142,791	257,209	400,000		2,000,000	3,600,000		
		Southworth Treatment Plant Improvements	180,000									180,000	
<b>West Point / Wilseyville / Vallecito</b>													
15091		West Point/Wilseyville Consolidation Project	10,000,000	8,012,327	1,987,673	1,668,863	831,137	2,500,000	-	-			
		West Point Septic Tank Replacements	500,000						-			300,000	200,000
<b>Other</b>													
15109	525	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>\$ 65,770,000</b>	<b>\$ 19,437,058</b>	<b>\$ 45,652,942</b>	<b>\$ 3,760,538</b>	<b>\$ 5,930,119</b>	<b>\$ 9,690,657</b>	<b>\$ 4,313,096</b>	<b>\$ 13,723,096</b>	<b>\$ 14,650,000</b>	<b>\$ 6,880,000</b>	<b>\$ 1,550,000</b>
<b>TOTAL WATER &amp; WASTEWATER PROJECTS</b>			<b>\$ 140,830,000</b>	<b>\$ 34,593,374</b>	<b>\$ 90,329,794</b>	<b>\$ 7,795,973</b>	<b>\$ 14,809,684</b>	<b>\$ 22,905,657</b>	<b>\$ 25,749,206</b>	<b>\$ 25,973,096</b>	<b>\$ 25,050,000</b>	<b>\$ 12,380,000</b>	<b>\$ 4,050,000</b>

# Agenda Item

DATE: February 11, 2024

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

FROM: Engineering Department

RE: Developer Projects

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There has been an increase in Design and Planning for Developer Projects over the last few months.

**CV Development, Copperopolis** – Received 90% Design Document for the Reed Turnpike Pump Station. Engineer is working on 100% Design. The developer has submitted plans for interim repairs to the existing lift station within Town Square that will allow them to continue development while the permanent sewer and water facilities are being installed.

**Jenny Lind Elementary School Force Main**- Received the final design drawings that incorporate the District Comments on 100% design, Staff is reviewing these drawings for Final Approval. Staff has been meeting with the representatives from JL Elementary and they tentatively plan to advertise the Project for Construction Bids in April. Once the bids are received it will take time for funding to become available to start construction. Staff plans to amend the current LAFCO Boundaries in March to include all properties along new alignment, there could be opportunities to serve larger parts of Rancho Calaveras. These properties would be able to connect to sewer with medium duty pump system.

**LGI Homes/Valley Springs**- Received the 50% design drawings for the Sewer Lift Stations for North Vista Plaza. The District has already approved the design for LGI to install a new sewer force main across Highway 26 which will bypass the system bottleneck through the La Contenta Golf Course.

# Agenda Item

DATE: February 11, 2025

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

FROM: Juan Maya, Associate Civil Engineer

RE: Other Updates

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## SUMMARY

### **La Contenta Sewer System I&I Study**

The I&I study is underway for the La Contenta Collection System and is being conducted by Lumos Engineering in conjunction with the District Operations Staff. The collection system is subdivided into four service zones and metered to assess flow loads of the system. District collections crew will be conducting smoke testing in the coming weeks, this will highlight defects that may allow intrusion of groundwater and stormwater into the system.

### **Ebbetts Pass Water System Master Plan & Water Model**

The District is seeking proposals from qualified Engineering firms for the Ebbetts Pass Water System Master Plan and Water Model. Previous Master Plan was conducted in 2013, while the District has made significant improvements to the Ebbetts Pass Distribution System that were inline with the past recommendations. The staff feels creating an updated Hydraulic Model will allow the District to allocate resources in the area more efficiently. Deadline for the proposals is February 20,2025.

### **LaContenta Sewer Capacity Fee Study Update**

The District is working with Hydrosience Engineering to provide an update for the Sewer Capacity charges. This study is to focus on the new developments and needs of expansion of collection systems and wastewater treatment facilities to accommodate the growing service area.

### **Procore Construction Management Software**

Engineering Department is working with Procore Technologies to acquire their Construction Management Software. It will help streamline construction management process by allowing the project manager to share information with the District inspectors, Engineer of Record and contractors, cutting back on loss of information through tiered communication. Allows the District for better record keeping.

## **FINANCIAL CONSIDERATIONS**

The studies and management software have been budgeted for FY24-25.