YCFC&WCD BOARD OF DIRECTORS

March 4, 2025



Adoption of the February 4 Regular and February 10 Special Board Meeting Minutes

Open Forum

Guest introductions, unscheduled appearances and opportunity for public comment on non-agenda items

Adding Items to the Posted Agenda

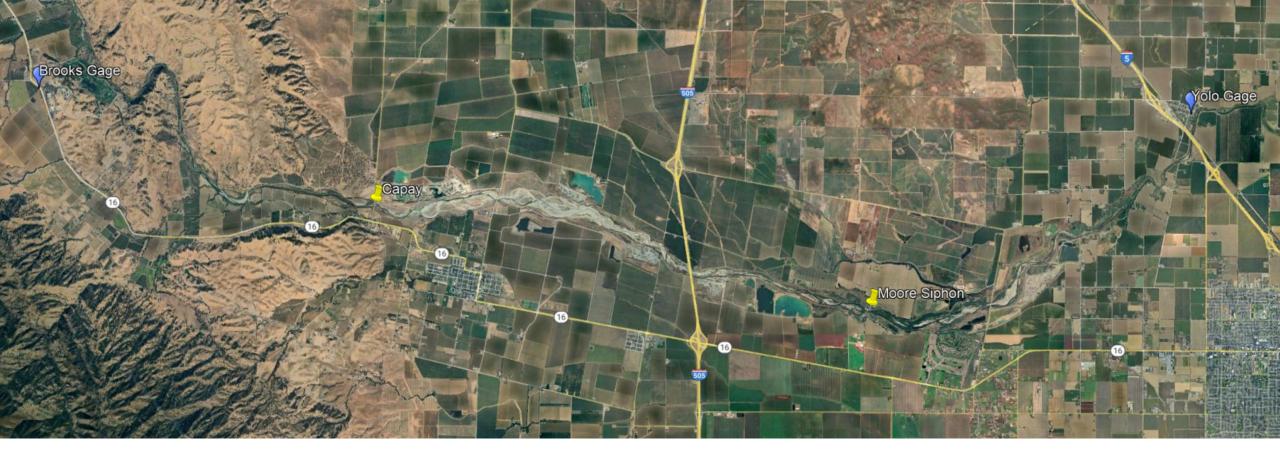
District Representatives to Committees and Various Groups

Adoption of Resolution No. 25.03 Concurring in Nomination of Brent Hastey and Melody McDonald to the Executive Committee of ACWA JPIA

Adoption of Resolution No. 25.04 Accepting DWR's CalSIP Award and Authorizing the General Manager to Enter into an Agreement with DWR

CalSIP Grant Award

- California Stream Gage Improvement Program (CalSIP)
 - Funded by the Budget Act of 2023
 - **Intent:** support the reactivation and deployment of priority stream gauges
 - Consistent with the Senate Bill No. 19 (Senator Dodd) Stream Gaging Plan
- Tentative award = \$118,000 (two stream gauges)
- Term of funding until March 2027
 - 1-year of successful operation
- In coordination with USGS and existing stream gauge services



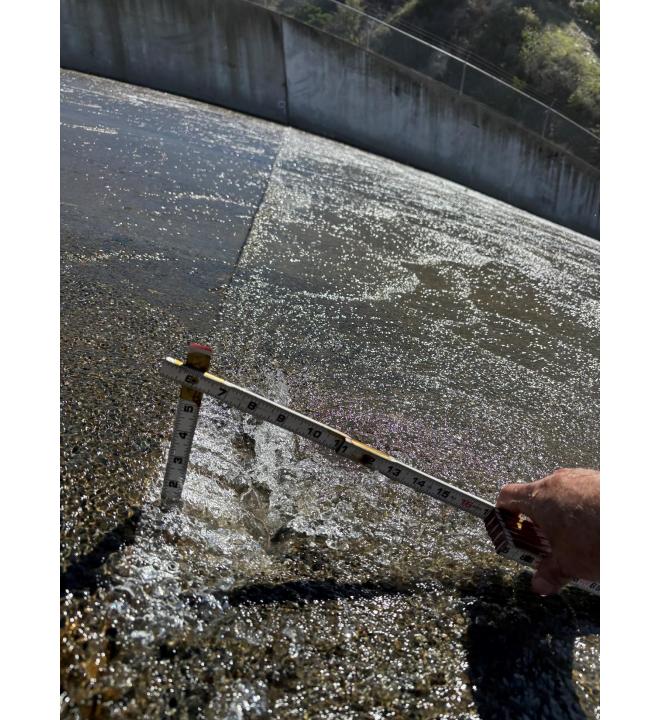
Stream Gauge Installation on Cache Creek

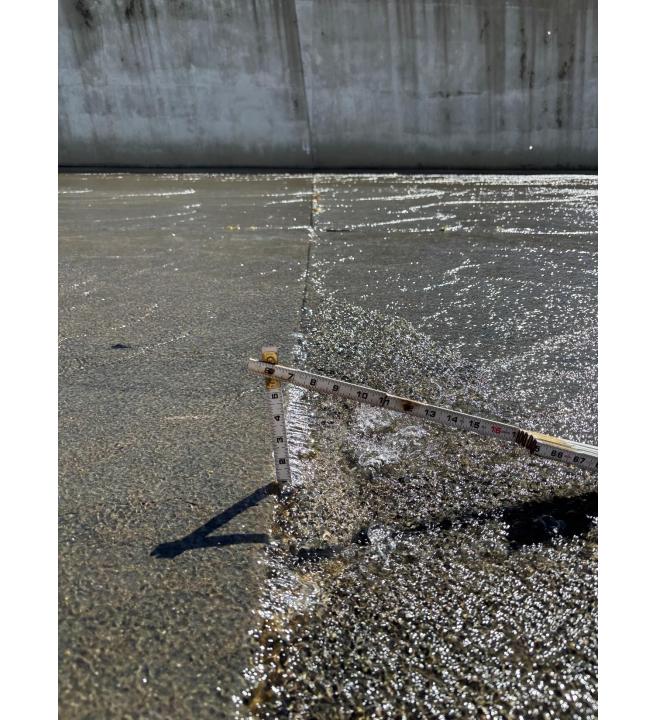
Emergency Repairs at Indian Valley Reservoir Spillway











Indian Valley Reservoir: FERC Part 12D Comprehensive Assessment

CUI//CEII



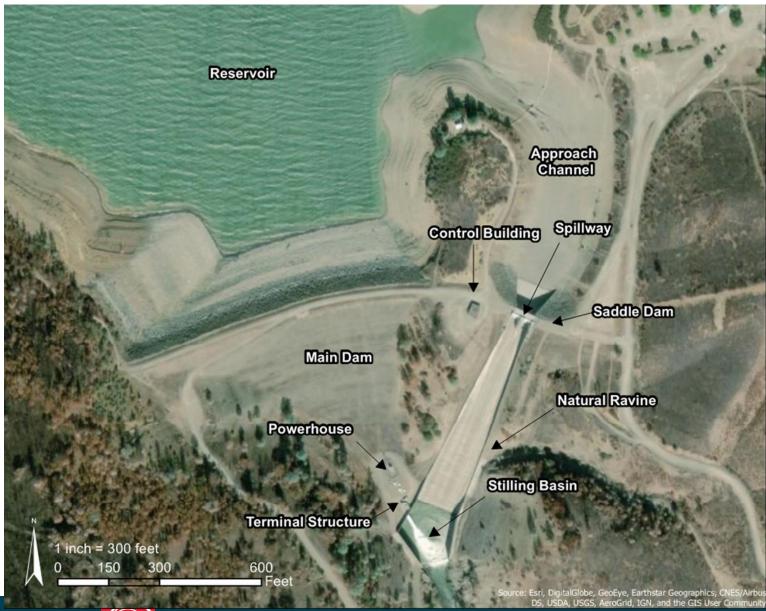
March 4, 2025



Project Features

- Main Dam
- Saddle Dam
- Spillway/Stilling Basin
- Low-Level Outlet
- Powerhouse

CUI//CEII

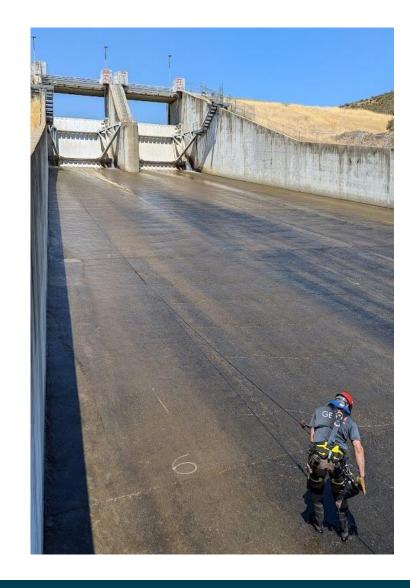




CUI//CEII

FERC Comprehensive Assessment Process

- Deep dive into project features, construction records, and prior analysis reports
- Perform a physical inspection of the project
- Evaluate external loads:
 - Seismic hazard (frequency and magnitude of earthquakes)
 - Hydrologic hazard (frequency and magnitude of flooding)
- Develop potential failure modes (PFMs) based on loads and project features
- Screen PFMs to establish credible scenarios for life loss or financial damage
- Estimate risk for each credible scenario

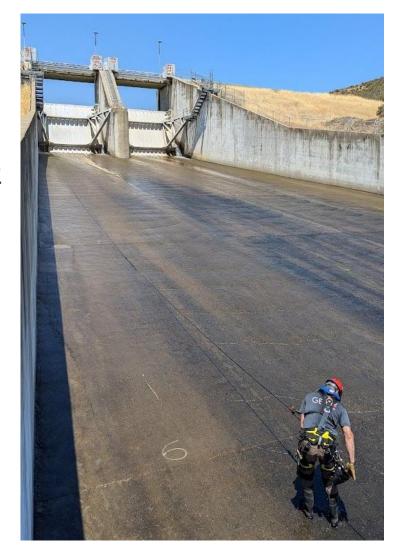




CUI//CEII

FERC Comprehensive Assessment (CA) Process

- GEI Independent Consultant Team performed the physical inspection, Potential Failure Mode Analysis (PFMA) and Level 2 Risk Analysis (L2RA) sessions:
 - 1 day physical inspection of all accessible project features
 - 5 day PFMA workshop to brainstorm possible failure scenarios
 - 7 day Risk analysis workshop to estimate risk for credible scenarios
- Develop CA Report for FERC Submission (completed 2/27/25)
 - Summary of risk analysis, findings, and recommendations
- CA Review Meeting with FERC (scheduled 4/1/25)





YSGA Update

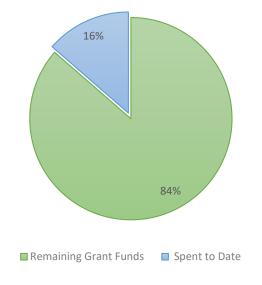
YSGA-Related Events

- March 11: YSGA Executive Committee Meeting
- March 17: YSGA Board of Directors Meeting
- April 8: Yolo County BOS Hearing Regarding Appeal to Ag Well Permit
- March/April 2025: Yolo-Zamora Landowners Meeting
- April/May 2025: Hungry Hollow Groundwater Committee Meeting
- April/May 2025: GDE Workshop with TNC

Annual Report Due April 1, 2025

Grant Expenses through January 31, 2025

	R	Remaining		
Grant Component	Grant Funds		Spent to Date	
Total	\$	7,917,000	\$	1,249,573
1. GRANT ADMINISTRATION	\$	613,950	\$	86,924
2. YOLO SUBBASIN GSP IMPLEMENTATION	\$	1,721,000	\$	452,198
YSGA	\$	460,000	\$	65,963
Consultant	\$	1,261,000	\$	386,235
3. YCFCWCD WINTER RECHARGE PROGRAM	\$	2,600,000	\$	299,070
YCFC&WCD	\$	1,175,000	\$	250,205
Consultant	\$	1,425,000	\$	48,866
4. CITY OF WINTERS FEASIBILITY STUDIES	\$	580,000	\$	37,715
5. YOLO-ZAMORA GROUNDWATER RECHARGE PILOT PROJECT	\$	1,221,100	\$	338,406
YCFC&WCD + YCFC&WCD Consultants	\$	401,300	\$	217,922
YSGA	\$	105,000	\$	6,161
Consultant	\$	714,800	\$	114,323
6. DUNNIGAN AREA RECHARGE PROGRAM	\$	1,180,950	\$	35,261



YCFC&WCD Recharge Updates

- 2025 Temporary Permit approved
 Allows the District to divert winter water from Cache Creek for recharge between Jan. 1 Apr. 15
- Diversions into the canals occurred January 8 31 and February 19 28, 2025
- Potentially done for the season due to construction projects and culvert repair

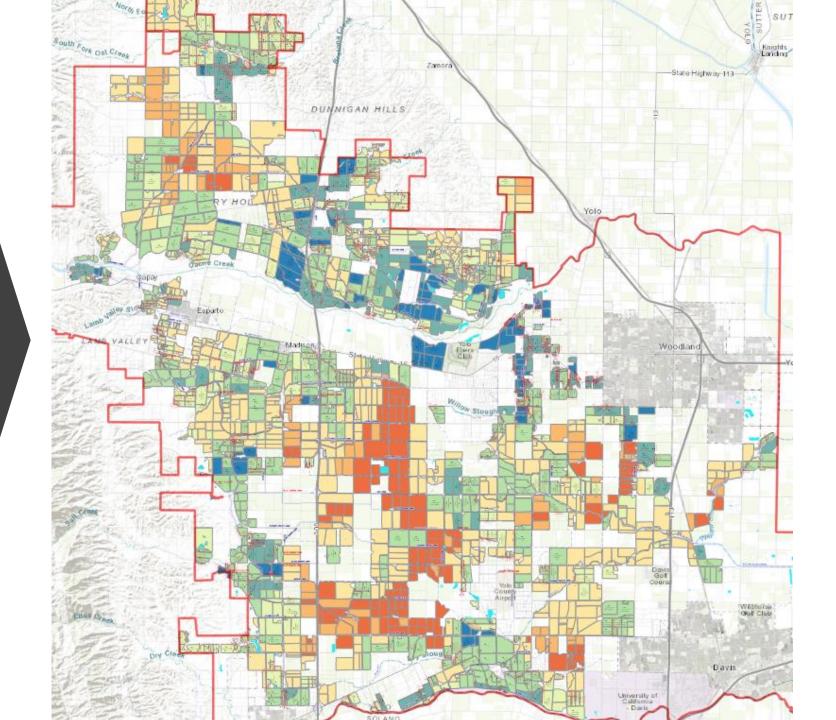


YCFC&WCD Recharge Updates

 MBK Engineers has initiated the water availability analysis for long-term application & was expected to be submitted by May 2025



Winter Water
On-Farm
Recharge
Opportunities



Winter Water On-Farm Recharge Opportunities

- District has partnered with various landowners to pilot on-farm recharge this season when water is available
- District staff will collect data to measure changes to groundwater levels from on-farm recharge, if any



Yolo-Zamora Pilot Recharge Project & Landowner Meeting Update

 YSGA staff have successfully partnered with a landowner in Yolo Zamora along the China Slough to conduct on-farm recharge with great success



Yolo-Zamora Pilot Recharge Project & Landowner Meeting Update

- YSGA staff and WLS have presented updated water supply alternatives cost estimates (i.e. bring surface water for irrigation/recharge to white areas in Yolo Zamora)
- Landowners provided feedback that they would like to better understand the hydrogeologic data and to narrow down on a decision on which to pursue
- YSGA staff will work closely with WLS to update the analysis and provide the landowners with additional data at next landowner meeting

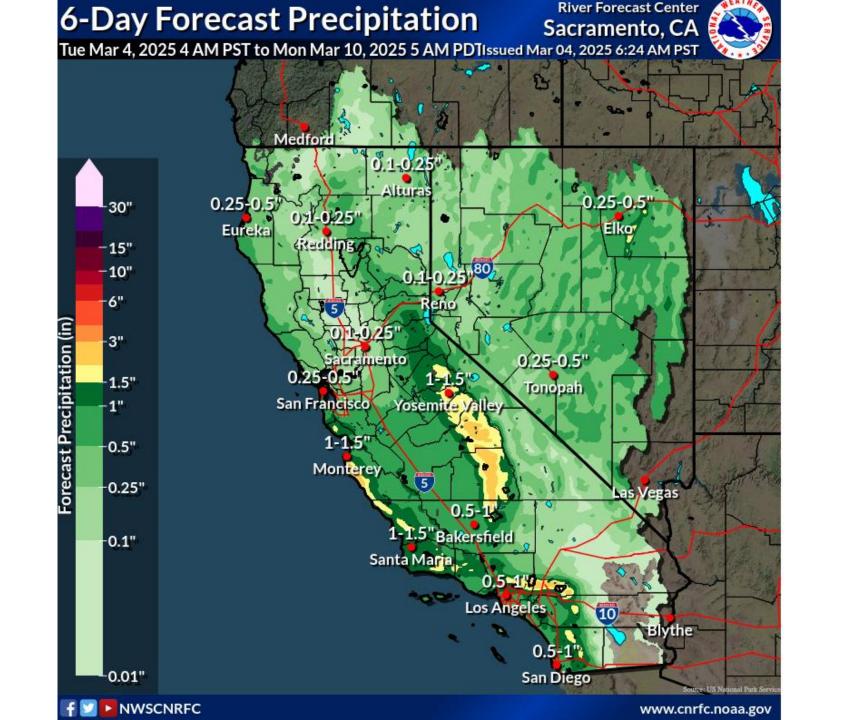
Directors' Reports

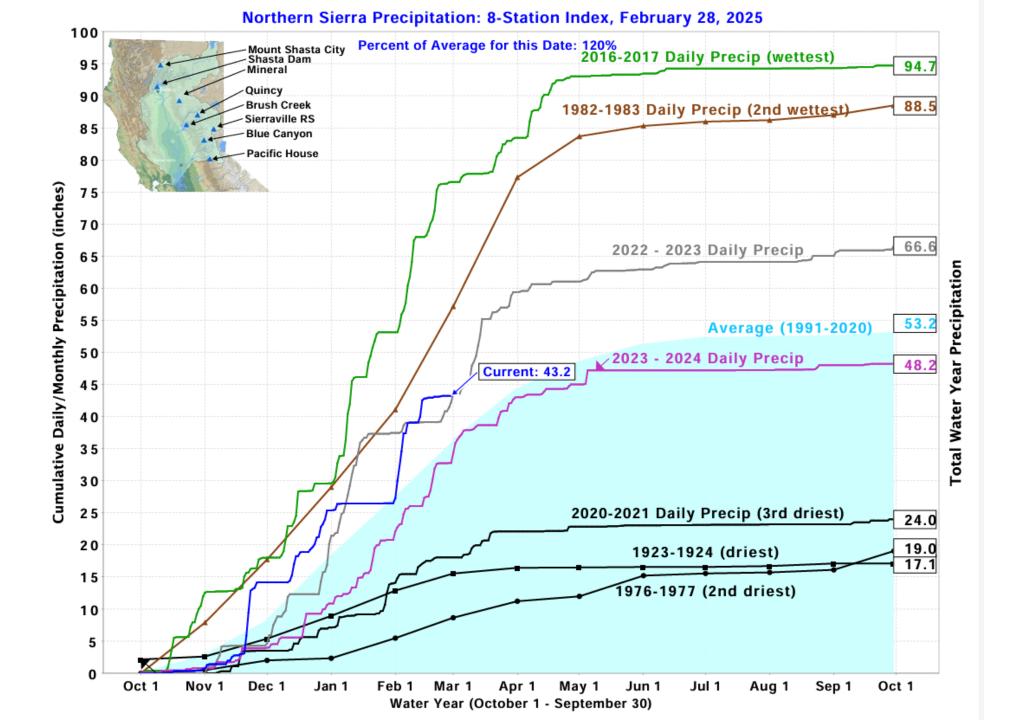
Report on Meetings and Conferences Attended During the Prior Month on Behalf of the District

i. NCWA Meetings
ii. Clear Lake Long-Term Water Supply Agreement Committee
iii. Rolling Acres Town Hall Meeting
iv. YSGA Executive Committee Meeting

General Manager's Report

- Water Conditions Report
- Preliminary Financial Report
- Capital Improvement Program
- General Activities
- Upcoming Events





Current Water Conditions (3-4-25)

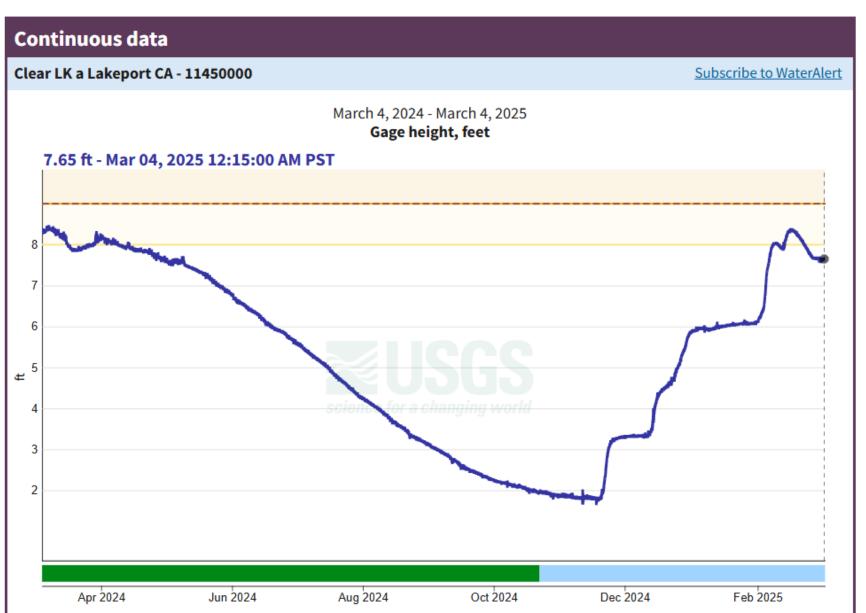
	Elevation	<u>Available</u>	<u>2024</u>
Clear Lake			
March 4	7.65'	0 AF	8.30' (0 AF)
February 4	6.80'	0 AF	
 Total Difference 	0.85'	0 AF	
Indian Valley Reservoir			
March 4	1,475.43'	263,500 AF	1,452.32' (183,100 AF)
February 4	1,475.52'	263,800 AF	
 Total Difference 	-0.09'	-300 AF	

Facility	Precipitation (10/1/24 – 3/4/25)
Cache Creek Dam	21.51"
Indian Valley Reservoir	20.84"
Headquarters	15.05"

Currently releasing flood flows ~410 cfs

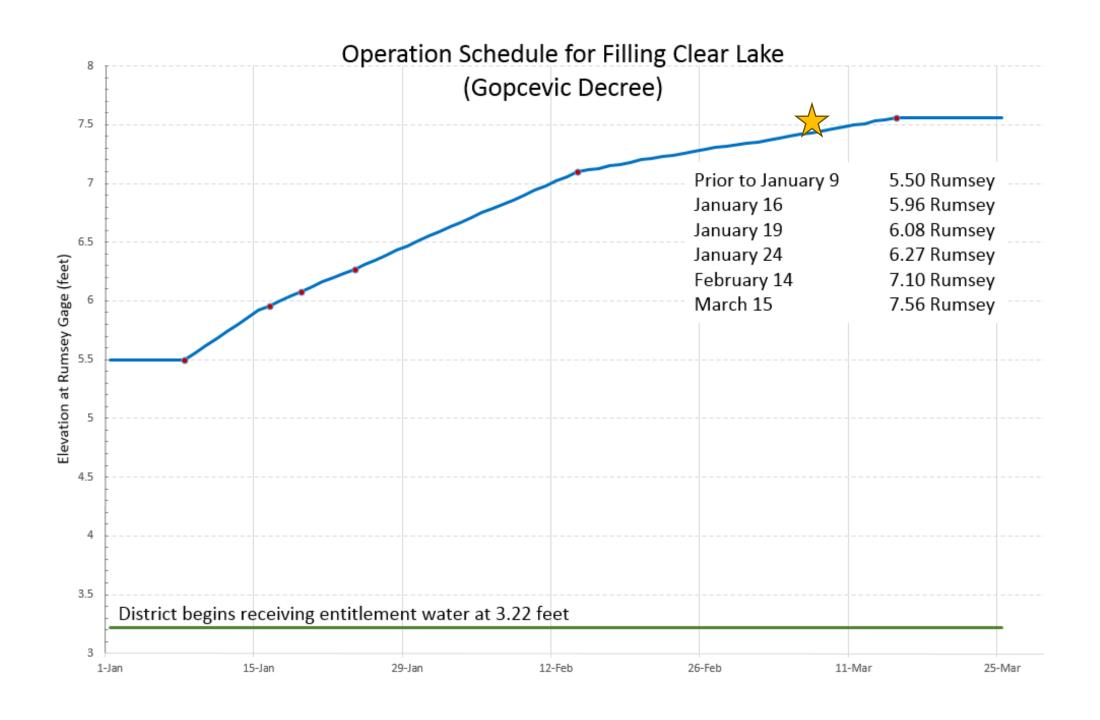
Scale Linear Log





Solano Decree

Adjusted May 1	Lake Storage,	Allowable Seasonal
Lake Level,	acre-feet above	Withdrawal, feet
Rumsey	Zero Rumsey	acre-feet
3.22	130,000	0
3.5	141,770	7,847
4.0	162,390	21,593
4.5	183,135	35,423
5.0	204,030	49,353
5.5	225,105	63,403
6.0	246,350	83,350
6.5	267,785	104,785
7.0	289,400	126,400
7.54	313,000	150,000

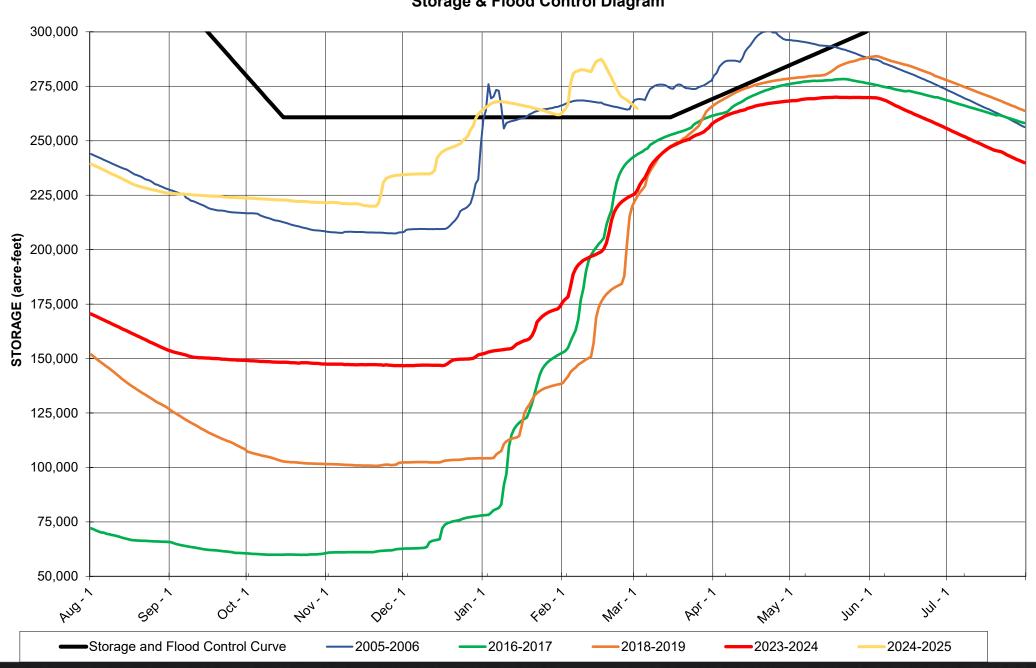








INDIAN VALLEY RESERVOIR Storage & Flood Control Diagram





150 yards downstream of stilling basin

Landslide near IVR – downstream channel *May 30, 2024*



300 yards downstream of stilling basin



~150 yards downstream of stilling basin

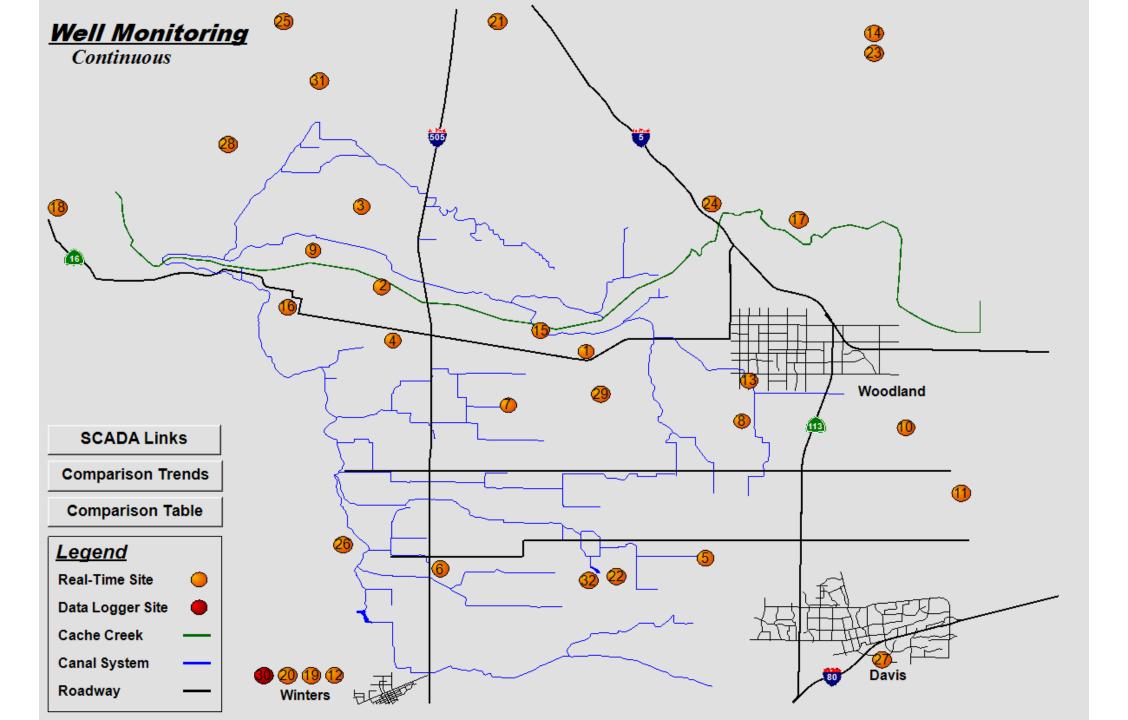
Landslide near IVR – downstream channel *February 5, 2025*



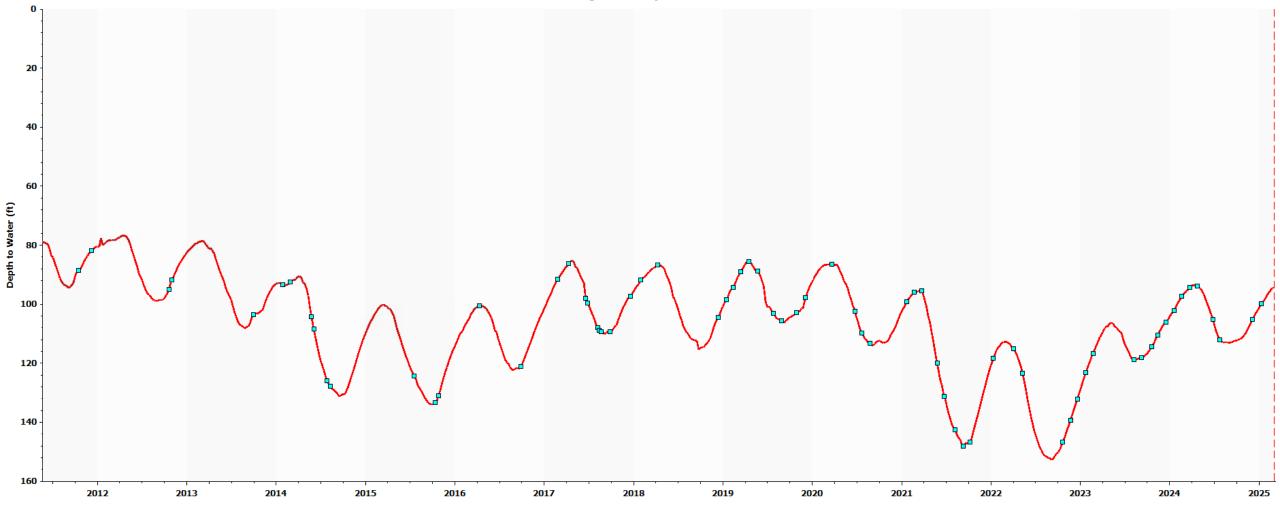
300 yards downstream of stilling basin



Watershed View **Clear Lake Indian Valley Reservoir** 7.66 ft <u>Legend</u> 647 cfs Releasing NF of CC **SCADA Site** 66 cfs 1,475.35 ft Res. Level **USGS Gage** 263,200 acft Storage SCADA Control Site **SCADA Links Bear Creek Kelsey Creek** 50 cfs 70 cfs **Rumsey Bridge Cache Creek Dam** 1,170 cfs Releasing 412.0 cfs 7.56 ft **Pond Level** Yoche Dehe 0 acft Storage 0.0 cfs Yolo Salt Creek 1,410 cfs Salisbury Spill 0.0 cfs 0 cfs **Capay Dam** Settling **Basin** 1.01 ft Pond Level Winters asleep asleep **West Adams** Woodland



1. HQ Well Depth to Water



Depth to Water

3/4/24: 96.0 feet 2/4/24: 99.5 feet

 Δ 3.5 feet

Depth to Water

3/4/25: 94.9 feet

2/4/25: 96.7 feet

Δ 1.8 feet

Preliminary Financial Report

Highlights as of February 28, 2025

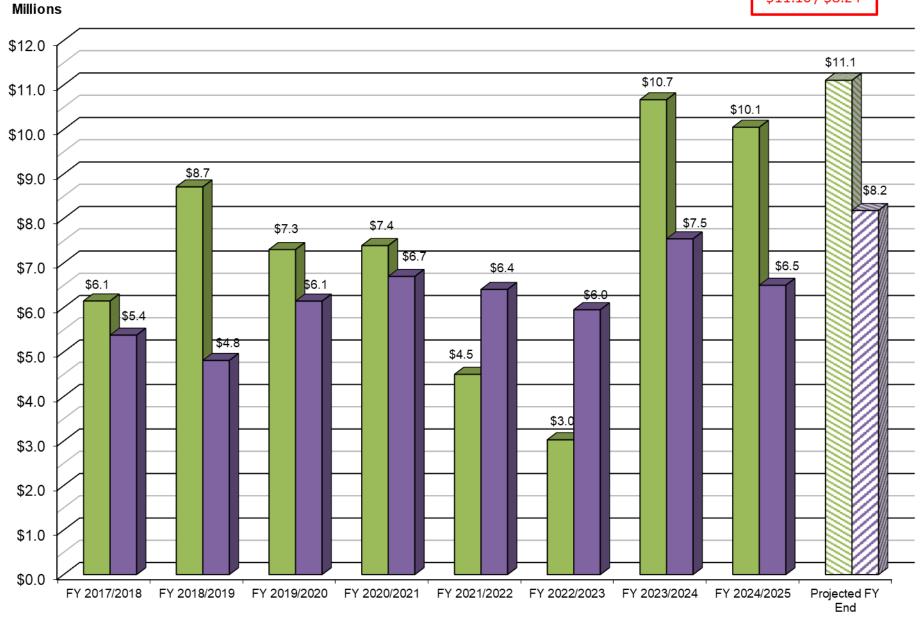
Preliminary Budget Summary as of 2/28/2025

Key Revenue Drivers	Year-to-Date		Budget		Difference
Agricultural Water Sales	\$ 6,521,191	\$	6,104,280	\$	416,911
Non-Agricultural (M&I) Water Sales	\$ 283,418	\$	343,285	\$	(59,867)
Property Taxes *includes Special Property Tax Assessment	\$ 1,670,156	\$	2,716,000	\$ ((1,045,844)
IV Dam Hydro (less fees)	\$ 262,119	\$	300,000	\$	(37,881)
Other Revenue	\$ 1,313,749	\$	1,633,000	\$	(319,251)
Shared Services Revenue	\$ 222,899	\$	350,000	\$	(127,101)
YSGA Reimbursements	\$ 270,736	\$	400,000	\$	(129,264)
Interest	\$ 321,308	\$	225,000	\$	96,308
Other	\$ 498,806	\$	658,000	\$	(159,194)
TOTAL REVENUE	\$ 10,050,633	\$ 1	11,096,565	\$ (1	1,045,932)

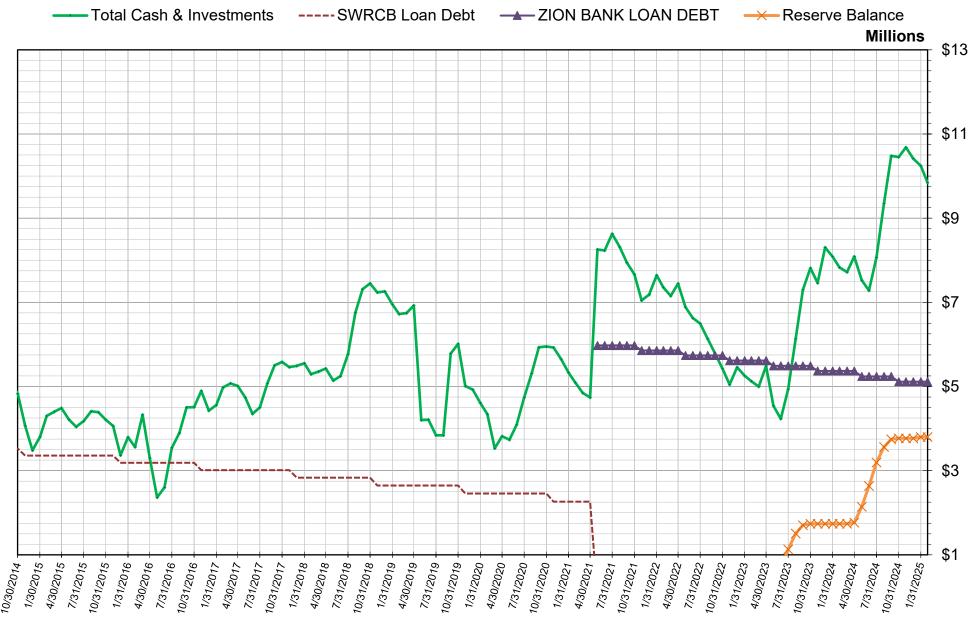
Key Expense Drivers	Year-to-Date	Budget	Difference
Transmission and Distribution (O&M)	\$ 1,209,032	\$ 1,366,885	\$ (157,853)
General Administration & General Plant	\$ 2,809,536	\$ 2,759,351	\$ 50,185
Other Expenses	\$ 2,717,299	\$ 4,110,870	\$ (1,393,571)
TOTAL EXPENSES	\$ 6,735,867	\$ 8,237,106	\$ (1,501,239)

Comparison of Actual Revenue vs. Actual Expense

Original Budget \$11.10 / \$8.24

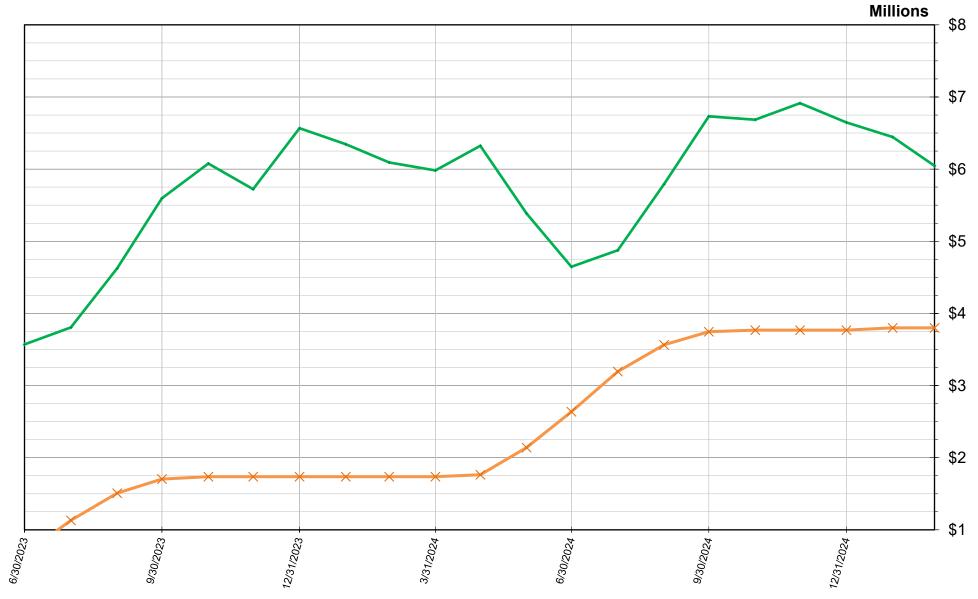


Cash History



Cash History





Month End

Breakdown of Cash Accounts 2/28/2025

CASH and INVESTMENTS

2/28/2025

YOLO COUNTY FLOOD CONTROL & WCD

	Rate	Balance
<u>CASH</u>		
River City Bank Business Checking		140,908
River City Bank Public Fund Money Market Plus 1410	4.49%	1,175,472
River City Bank Public Fund Money Market - CIP - 4429	4.49%	3,295,303
River City Bank - Depository Agent Fund	4.49%	375,097
Yolo County Treasurer - Fund #7270		-
Petty Cash		350
TOTAL	\$	4,987,131
TEMPORARY INVESTMENTS		
LAIF - YCFC Enterprise Fund	4.37%	447,410
LAIF - Drought Reserve Fund	4.37%	3,502,114
LAIF - Capital Recovery Fund	4.37%	316,151
LAIF - COVID Relief Funds	4.37%	591,781
TOTAL		4,857,456
TOTAL CASH AND INVESTMENTS	\$	9,844,586

Capital Improvement Program

Prioritized Capital Projects: Fall 2024 – Spring 2025

Fall/Winter 2024 Capital Projects

- Currently planning and prioritizing
- ♦ Tentative Plan
 - ESA 0168 Demo Checks
 ACA 0018 New Civil Installations
 Automatic Gate Installations
 - ♦ ACA 0084_
 - ♦ ESA 0152
 - ♦ ACA 0122S Automatic Gate Installation
 - Hungry Hollow Canal: Siphon to Goodnow Slough
 - ♦ Hooper Canal Culvert
 - ♦ Various culverts throughout the system



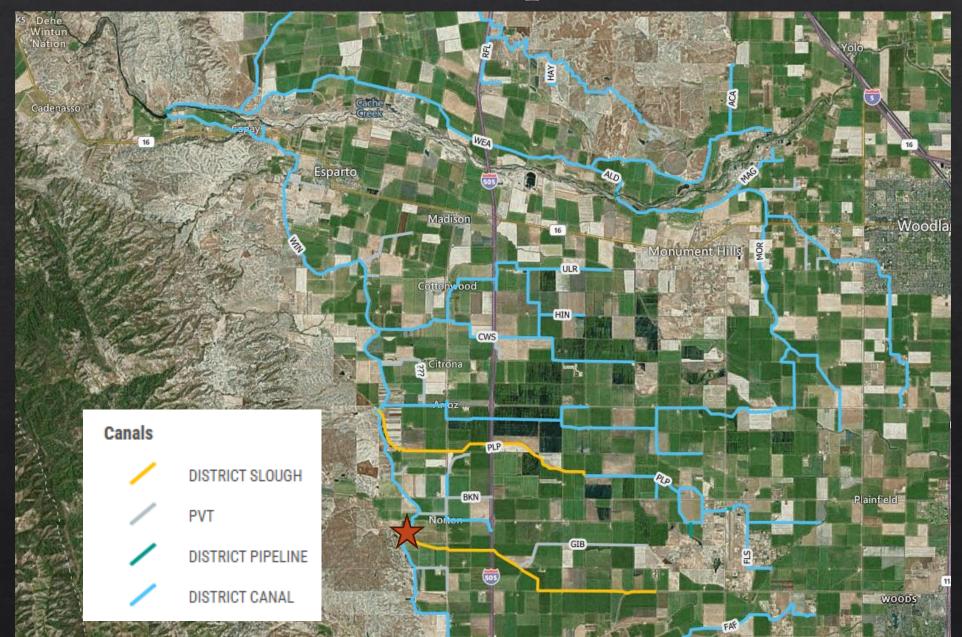




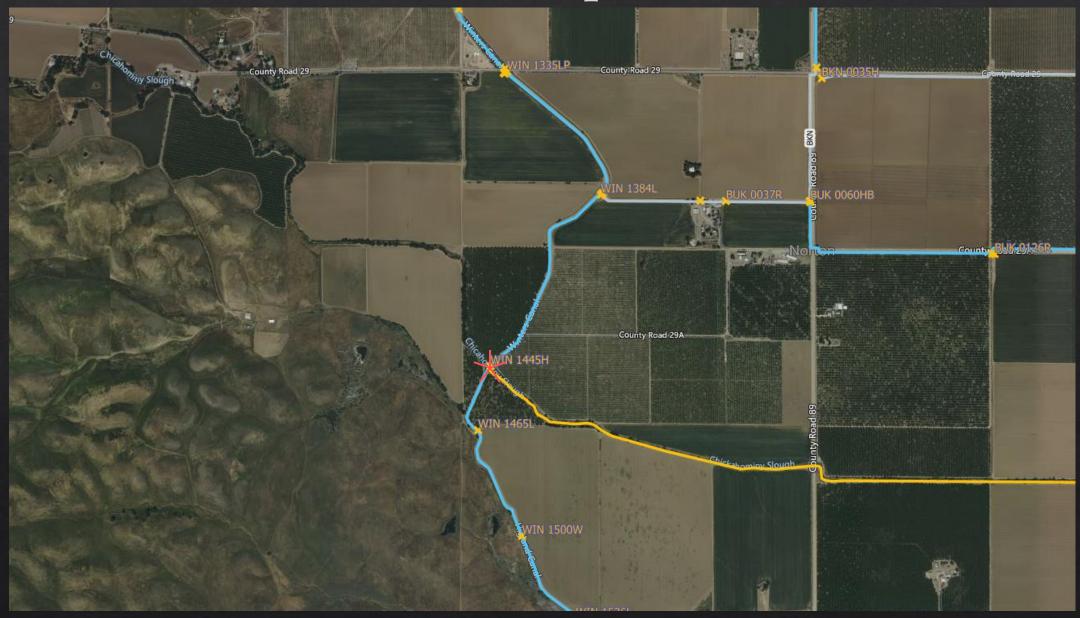




Walnut Siphon



Walnut Siphon





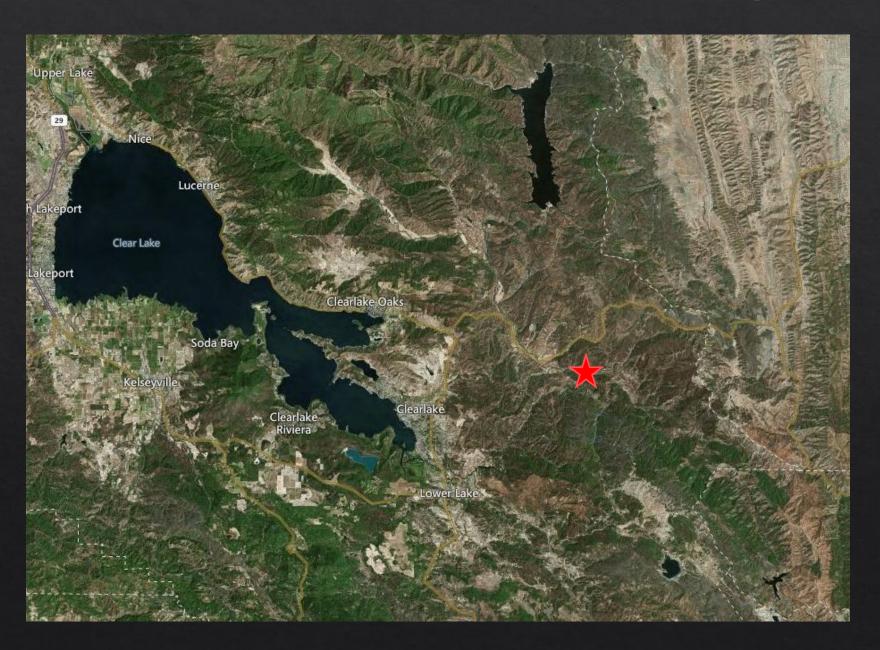








Buffone's Bridge



- Access to property during irrigation season was impaired by IVR releases
- District constructed railroad car bridge across Cache Creek (~1980)
- 1982 settlement agreement for District to maintain bridge in perpetuity

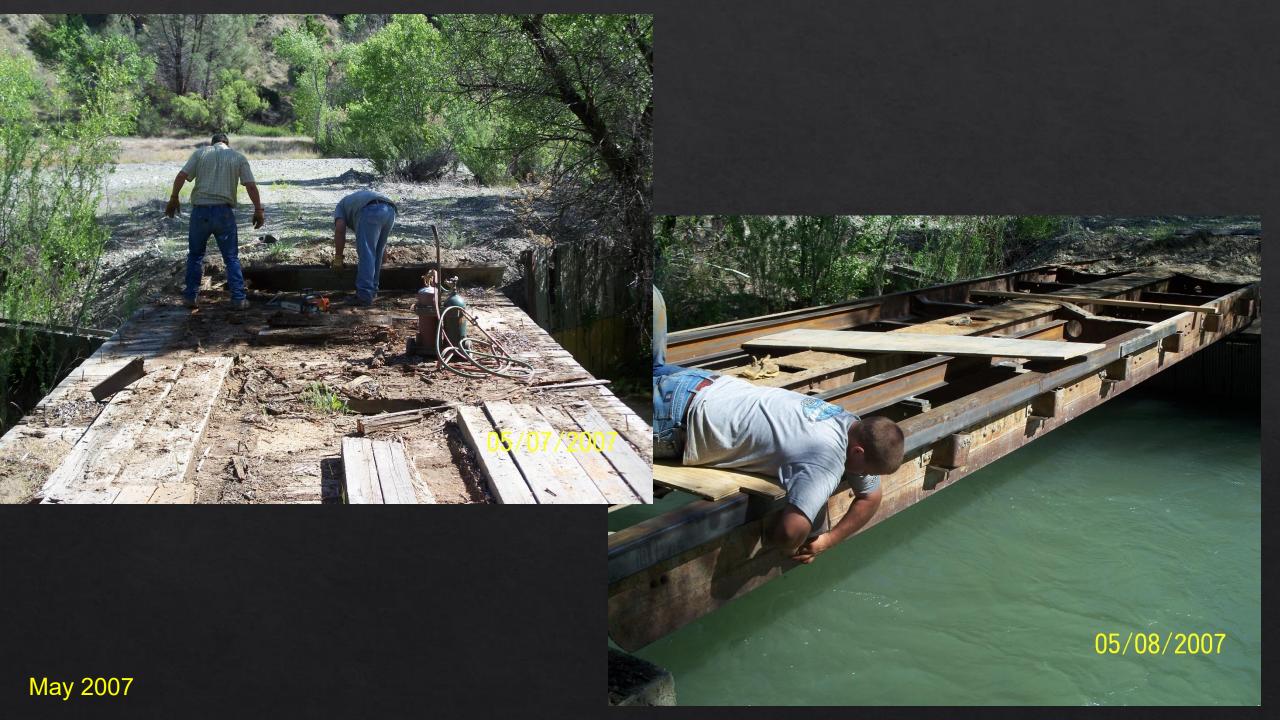


















General Activities (February 4-March 4)

PROJECTS:

- Winterizing of Canal System / Storm Preparation / Emergency Spillway Repairs
- Capital Projects Automated Gate Installations and Trash Screens, Gate Upgrades, New Turnouts
 Indian Valley Reservoir FERC Part 12D Compliance and Comprehensive Assessment
- Voluntary Agreement Process
- Reclassification of Staff and Hiring of New Ditchtender and Administrative Assistant
- Draft Capital Improvement Progress and Implementation Plan for 25/26
- Indian Valley Reservoir Hydropower Power Purchase Agreement and Alternatives
- Outreach with various agencies on District's Recharge Program
- Winters Canal Headworks Automated Trash Rack Pulley System
- YSGA Well Permitting Review; Annual Report; Project Development; Outreach; GSP Implementation;
 Groundwater Monitoring Program Improvements; Grant Opportunities; Neighboring Subbasin
 Coordination; Grey Area Projects and Outreach
- Various Private Jobs
- Strategic Planning Draft Goals and Objectives
- 2023 Storm Damage FEMA Reimbursement Process
- Drought Planning
- Creek Spraying for CCC and Chipper Program for Yolo RCD
- Vegetation Management (MERCSA, NDM and Wild Wings CSAs, Madison and Knights Landing CSDs)
- Shared Services: SCWA, private jobs, spraying, etc.
- Encroachment Permits, Easement Research, Misc. Water Rights Investigations

General Activities (February 4-March 4)

OUTREACH:

- 1. CII Board Meeting (February 4)
- 2. YSGA: Yolo-Zamora Alternative Water Supply Options Discussion with RD 108 (February 4)
- 3. State Water Board Modeling in the Putah Creek Watershed (February 5)
- 4. IVR Power Purchase Agreement Coordination with VCE (February 5)
- 5. YSGA: Lower Sac Valley GSP Interbasin Coordination (February 5)
- 6. Climate Action and Adaptation Plan: Coordination Meeting with Yolo County (February 6)
- 7. ACWA State Legislative Committee Meeting (February 7)
- 8. YSGA: South Colusa North Yolo Coordination Meeting (February 13 and 27)
- 9. YSGA: Executive Committee Meeting (February 18)
- 10. Coordination Meeting with Yolo Habitat Conservancy (February 18)
- 11. YSGA: Focused-Landowner Meeting for Yolo-Zamora (February 21)
- 12. Rolling Acres Town Hall Meeting (February 27)
- 13. YSGA: Yolo-Zamora Alternatives Coordination Meeting with RD 108 SCNY (March 3)

Upcoming Meetings & Events

- 1. YSGA: Roosevelt Ranch Tour (March 5)
- 2. ACWA State Legislative Committee Meeting (March 7)
- 3. NCWA Annual Meeting (March 7)
- 4. Yolo County Drought Task Force Meeting (March 10)
- 5. NCWA Groundwater management Task Force Meeting (March 10)
- 6. YSGA Executive Committee Meeting (March 11)
- 7. CII Board Meeting (March 11)
- 8. Westside Sacramento IRWM Coordination Committee Meeting (March 12)
- 9. ACWA Water Management Committee and Groundwater Committee Meetings (March 13)
- 10. DWR/Yolo County Coordination Meeting Regarding Voluntary Agreements (March 13)
- 11. YSGA Board of Directors Meeting (March 17)
- 12. District Farmers' Council Meeting (March 19)

General Discussion

Opportunity for Board Members to ask questions for clarification, provide information to staff, request staff to report back on a matter, or direct staff to place a matter on a subsequent agenda.

Payment of Bills

Consider the approval and payment of the bills (Checks #64478-64494)

Check	Check	Vendor Name		Check Date			
Number	Amount	Invoice Number	Invoice Date	Description	Invoice Amount		
0000064478	\$ 2,772.50	AECOM TECHNIC	AL SERVICES	S INC. 3/4/25			
	,	2000980884	1/29/25	PROJ 60579169 IV SPILLWAY 10/21/23-1/25	2,772.50		
0000064479	\$ 9,332.00	AQUA SYSTEMS	2000, INC.	3/4/25			
		2025-4319	2/25/25	PO7123 WEA470 OUTER ENCLOSURE REPLACEM Rein	9,332.00 ibursable		
0000064480	\$ 9,000.00	BAILEY'S TRENC	HLESS, INC.	3/4/25			
		3287	1/24/25	PO7141 ROAD 86-ESPARTO CLEANED CULVERT	3,000.00		
		3292	2/14/25	PO7143 CLEANED CULVERT WALNUT SIPHON	3,000.00		
		3295	2/22/25	PO7143 CLEANED CULVERT AT CR96 Partially Rein	nbursable 3,000.00		
0000064481	\$ 35,823.36	BKS LAW FIRM, PC		3/4/25			
		1650-0001 MAR 2025	3/4/25	GENERAL LEGAL	5,101.90		
		1650-001 FEB 2025	2/10/25	GENERAL LEGAL	8,991.21		
		1650-0010 FEB 2025	2/10/25	CLEAR LAKE LEGAL	2,651.75		
		1650-0010 MAR 25	3/4/25	CLEAR LAKE LEGAL	2,327.52		
		1650-0020 FEB 2025	2/10/25	DELTA ISSUES LEGAL	15,155.30		
		1650-0020 MAR 25	3/4/25	DELTA ISSUES LEGAL	1,518.75		
		1650-0023 MAR 2025	3/4/25	SITES PERMIT AHO LEGAL	76.93		
0000064482	\$ 26,304.25	GEI CONSULTAN	TS, INC.	3/4/25			
		003171738	2/20/25	PROJ 2304186 IV DAM FERC PART 12D CA	26,304.25		
0000064483	\$ 28,336.54	GRANITE CONST	RUCTION CO	3/4/25			
		2900081	2/28/25	IV DAM EMERGENCY REPAIRS SPILLWAY	28,336.54		
0000064484	\$ 3,648.00	GS ENGINEERING	3, LLC	3/4/25			
		INV-YCF-25001	3/3/25	PO7086 IV 115kV SUBSTATION EQUP UPGRADES	3,648.00		
0000064485	\$ 5,959.90	INTEGRAL NETW	ORKS, INC.	3/4/25			
		33004	3/1/25	PO6952 COMPLETE MANAGED SERVICES	5,959.90		

Check	Check Amount		Vendor Name				
Number			Invoice Number	Invoice Date	oice Date Description		Invoice Amount
0000064486	\$	6,884.70 INTERSTATE OIL COMPANY		L COMPANY	3/4/25		
			0014275-IN	2/27/25	DIESEL EXHAUST FLUID DEF001		266.11
			P704468-IN	2/20/25	PO6979 225.6GAL PROPANE WELD S	HOP	565.27
			T654793-IN	2/20/25	PO6980 1400GAL GAS		6,053.32
0000064487	\$	104,191.92	JS WELD INC.		3/4/25	Partially Reimbursable	э
			7263 2/28/25		PO7142 48" TRAVELING WATER SCREEN WEA635		16,632.20
			7264	2/28/25	PO7142 36" TRAVELING WATER SCR	EEN MOR665	15,077.08
			7266	2/28/25	PO7142 48"TRASH SCREEN		13,800.15
			7269	3/3/25	PO7142 48" TRAVELING WATER SCREEN WEA836		13,961.03
			7270	3/3/25	PO7142 36" TRAVELING WATER SCR	EEN ACA67	12,881.21
			7272	3/3/25	PO7142 48" TRAVELING WATER SCR	EEN DESERE	31,840.25
0000064488	\$	4,492.81	KIMZEY WELDING WORKS, I		C. 3/4/25		
			60599	2/13/25	PO7140 CHANNEL3# & 4# 20FT, 10 G/	A SHEET	4,492.81
0000064489	\$	136,384.18	LAKE COUNTY TAX COLLECT		OR 3/4/25		
			2024-2025 2ND INST	A 2/1/25	2ND INSTALL 2024/2025 LAKE CO PP	TY TAX	136,384.18
0000064490	\$	0.00	MBK ENGINEERS		3/4/25		
			16550	2/25/25	5325.1 GW RECHARGE WAA	Reimbursable	5,803.75
			16549	2/25/25	5325.0 WATER RIGHT ASSISTANCE	Reimbursable	11,622.
000006449	1 \$	5,256.06	POLY RISER A	ND PIPE, LLC	3/4/25		
			18179	2/11/25	PO7138 42" PIPE, MARMAC, SHIPPII	NG	5,256.0
000006449	2 \$	2,739.60	STANDARD INSURANCE CO		MPANY 3/4/25		
			649299 MAR 2025	2/19/25	MONTHLY DISABILITY INSURANCE		2,739.0
000006449	3 \$	26,102.50	U.S. GEOLOGICAL SURVEY		3/4/25		
			90081774	2/13/25	JOINT FUNDING AGREEMENT ENDI	NG 9/30/25	26,102.
000006449	4 \$	3,485.10	0 WOODLAND IRRIGATION		3/4/25		
			5252	2/13/25	MCCROMETER SADDLE METER 8"	Reimbursable	3,485.
		428,139.67					

Closed Session: Long-Term Water Supply Agreements

Conference with real property negotiators pursuant to Government Code 54956.8

Property: Long-Term Water Supply Agreements under District's Clear Lake Water Right

Agency negotiators: Tom Barth, Shane Tucker, Kristin Sicke

Negotiating parties: Lake County Sanitation District, Calpine, and NCPA

Under negotiation: Price and terms of agreement

Closed Session: Bay-Delta

Conference with legal counsel for existing administrative proceeding and anticipated litigation/significant exposure to litigation pursuant to Government Code 54956.9, subsections (d)(1) and (d)(2) – State Water Resources Control Board Bay/Delta Plan update proceeding.

Closed Session Report

Agenda Item #16 Adjourn