

YCFC&WCD BOARD OF DIRECTORS

June 4, 2024



YOLO COUNTY
FLOOD CONTROL &
WATER CONSERVATION
DISTRICT

Agenda Item #1

Adoption of the
May 7, 2024
Special and Regular Board
Meetings' Minutes

Agenda Item #2

Open Forum

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

Agenda Item #3

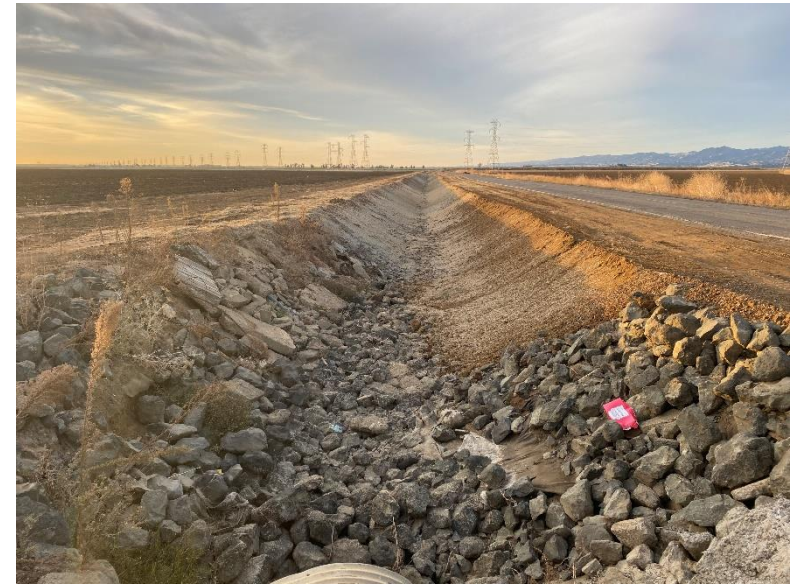
Adding Items to the
Posted Agenda

Agenda Item #4

Reschedule July 2, 2024
Board Meeting

Agenda Item #5

January 2023 Storm Events
Emergency Canal Repairs



Agenda Item #6

Claim Filed by Ray Rios

Agenda Item #7

YSGA Update

SGMA Implementation Grant Funding

Components	Grant Amount
Component 1: Grant Administration	\$613,875
Component 2: Yolo Subbasin GSP Implementation	\$1,721,000
Component 3: Yolo-Zamora Groundwater Recharge Pilot Project	\$1,221,050
Component 4: Dunnigan Area Recharge Program	\$1,180,950
Component 5: City of Winters Feasibility Studies	\$580,000
Component 7: YCFC&WCD Winter Water Recharge Program	\$2,600,000
Total:	\$7,917,000

Agenda Item #8

Directors' Reports

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

- i. NCWA Meetings
- ii. Farm Bureau Board of Directors Meeting (May 14)
- iii. YSGA Board of Directors Meeting (May 20)
- iv. Hungry Hollow Pipeline Extension Meeting (May 22)
- v. District's Farmers' Council Meeting (May 29)

Agenda Item #9

General Manager's Report

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

Current Water Conditions (06-04-24)

	<u>Elevation</u>	<u>Available</u>	<u>2023</u>
Clear Lake			
• June 4	6.53'	111,000 AF	6.82' (114,000 AF)
• May 4	7.59'	150,000 AF	
• Total Difference	-1.06'	-39,000 AF	
Indian Valley Reservoir			
• June 4	1,477.06'	269,500 AF	1,457.66' (200,700 AF)
• May 4	1,476.90'	268,900 AF	
• Total Difference	0.16'	600 AF	

Reservoir Releases:

Cache Creek Dam: 635 cfs

Indian Valley Reservoir: 160 cfs

- West Adams Canal Diversions: 260 cfs
- Winters Canal Diversion: 360 cfs

Facility	Precipitation (10/1/23 – 6/4/24)
Cache Creek Dam	28.47"
Indian Valley Reservoir	32.04"
Headquarters	19.40"

7 days 30 days 1 year

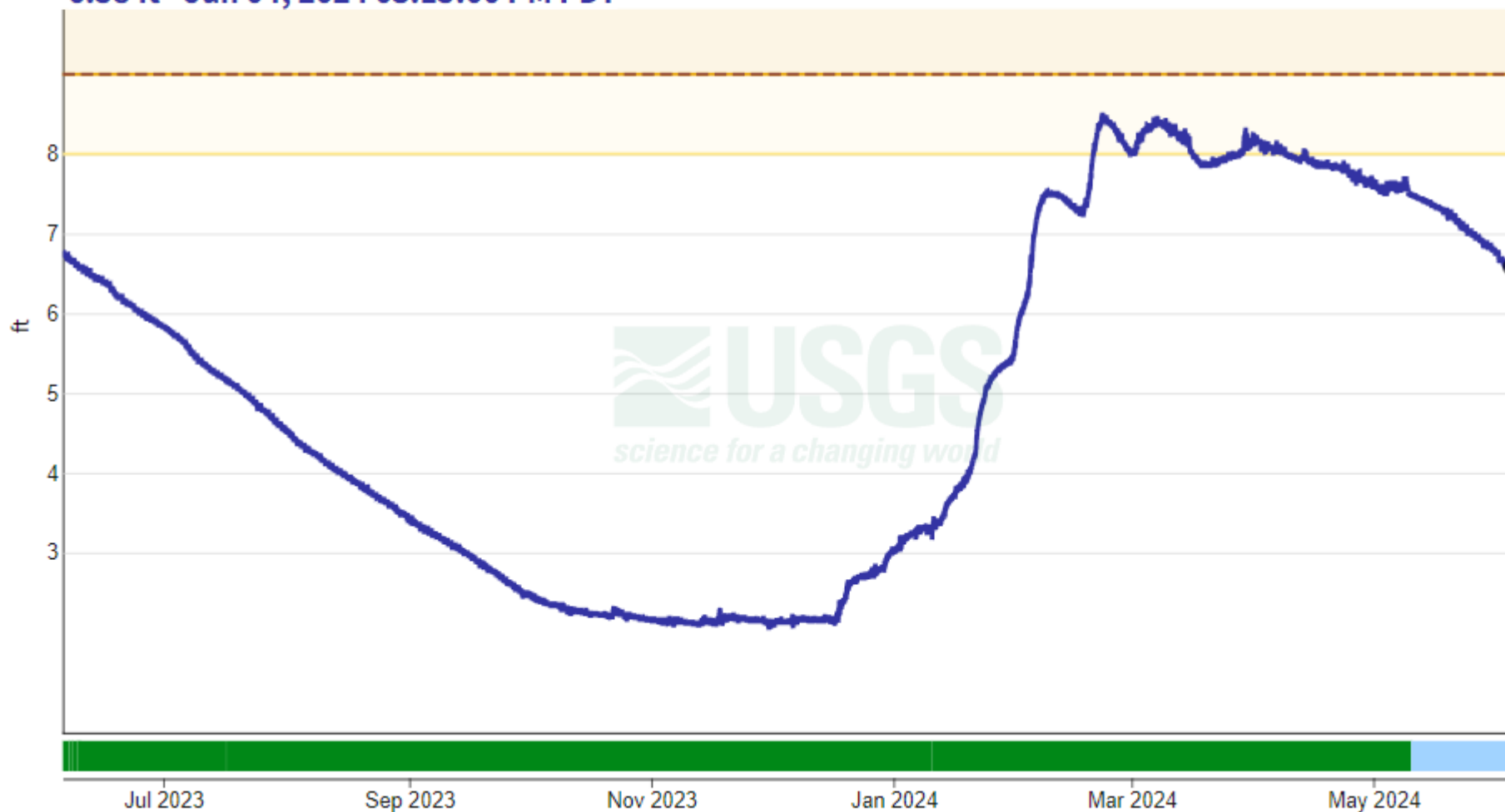
Scale

Clear LK a Lakeport CA - 11450000

June 5, 2023 - June 4, 2024

Gage height, feet

6.58 ft - Jun 04, 2024 03:15:00 PM PDT



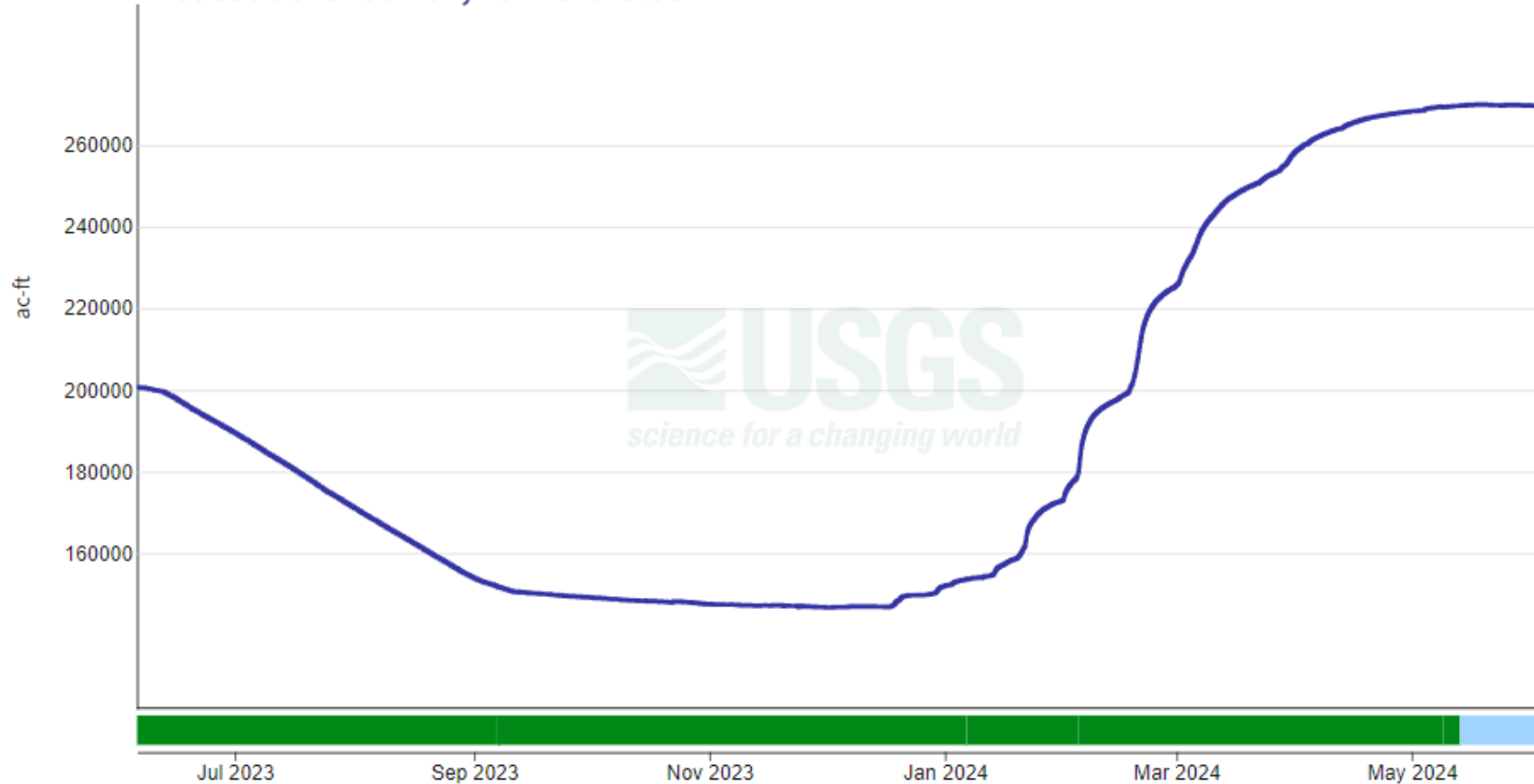
7 days 30 days 1 year

Scale

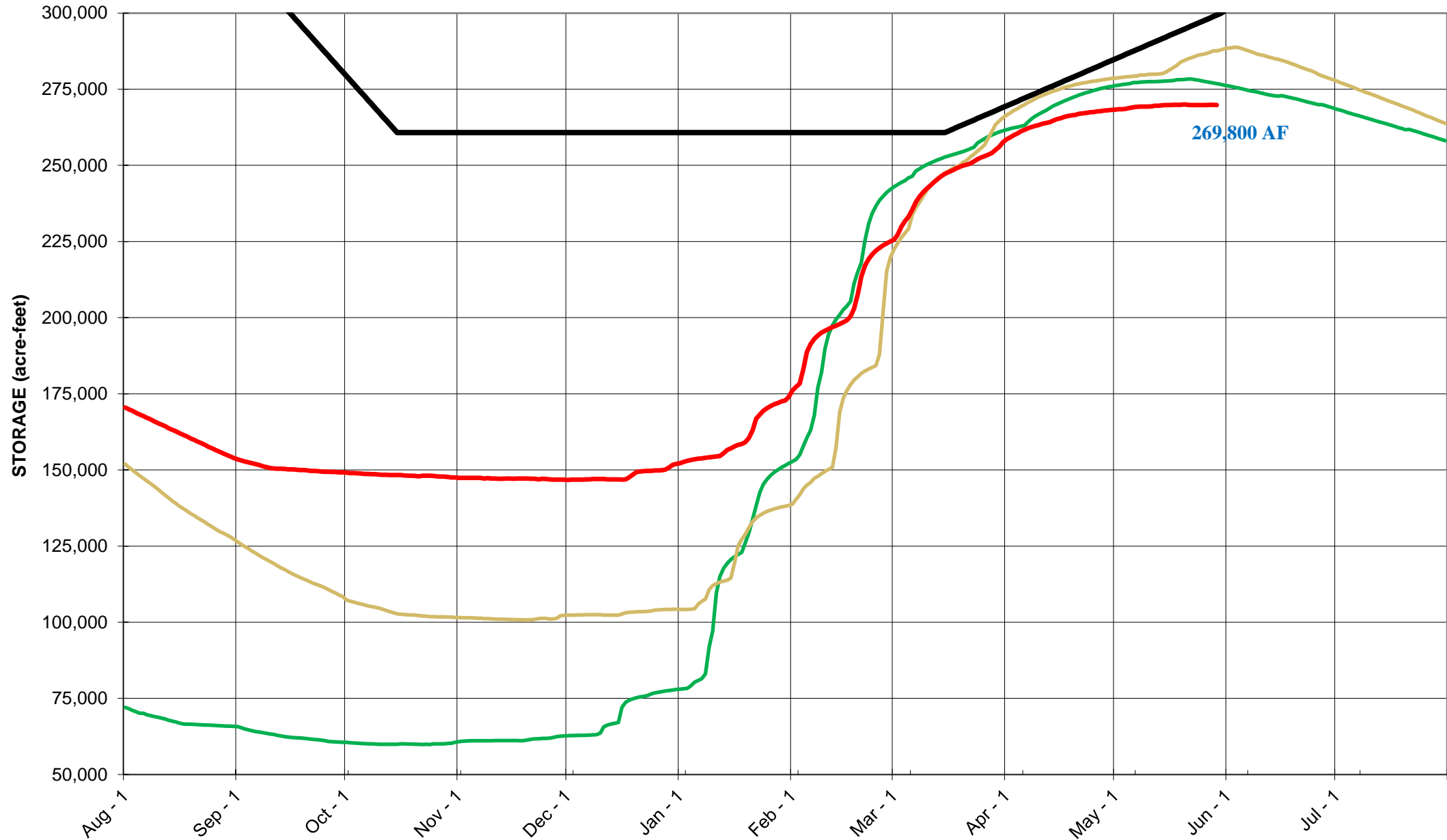
Indian Valley Res a Clearlake Oaks CA - 11451290

June 5, 2023 - June 4, 2024
Reservoir storage, acre-feet

269600 ac-ft - Jun 04, 2024 02:45:00 AM PDT



INDIAN VALLEY RESERVOIR Storage & Flood Control Diagram



— Storage and Flood Control Curve

— 2016-2017

— 2018-2019

— 2023-2024





Landslide near IVR – downstream channel
April 25, 2024



150 yards downstream of stilling basin



300 yards downstream of stilling basin

Landslide near IVR – downstream channel

May 30, 2024



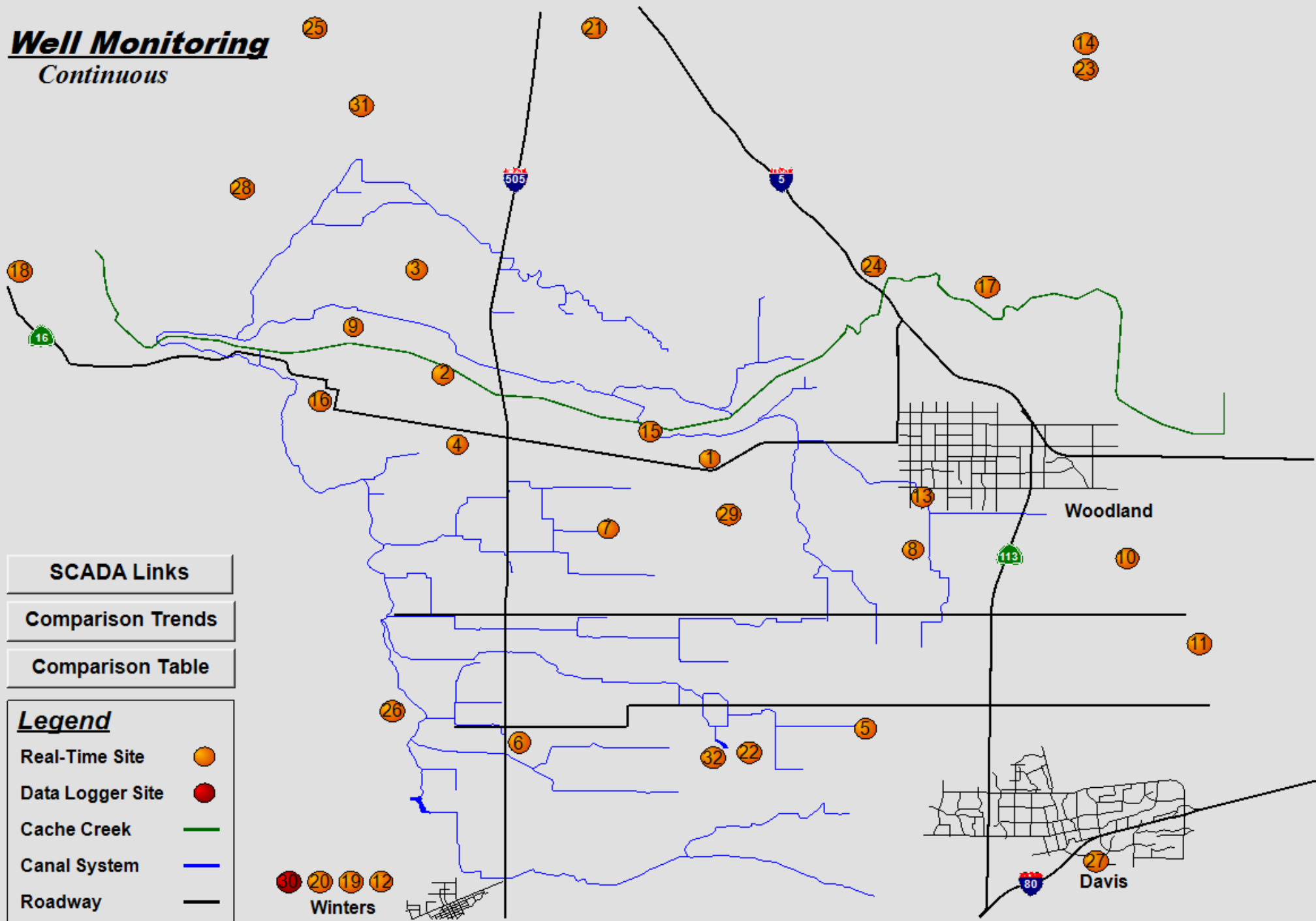
150 yards downstream of stilling basin



300 yards downstream of stilling basin

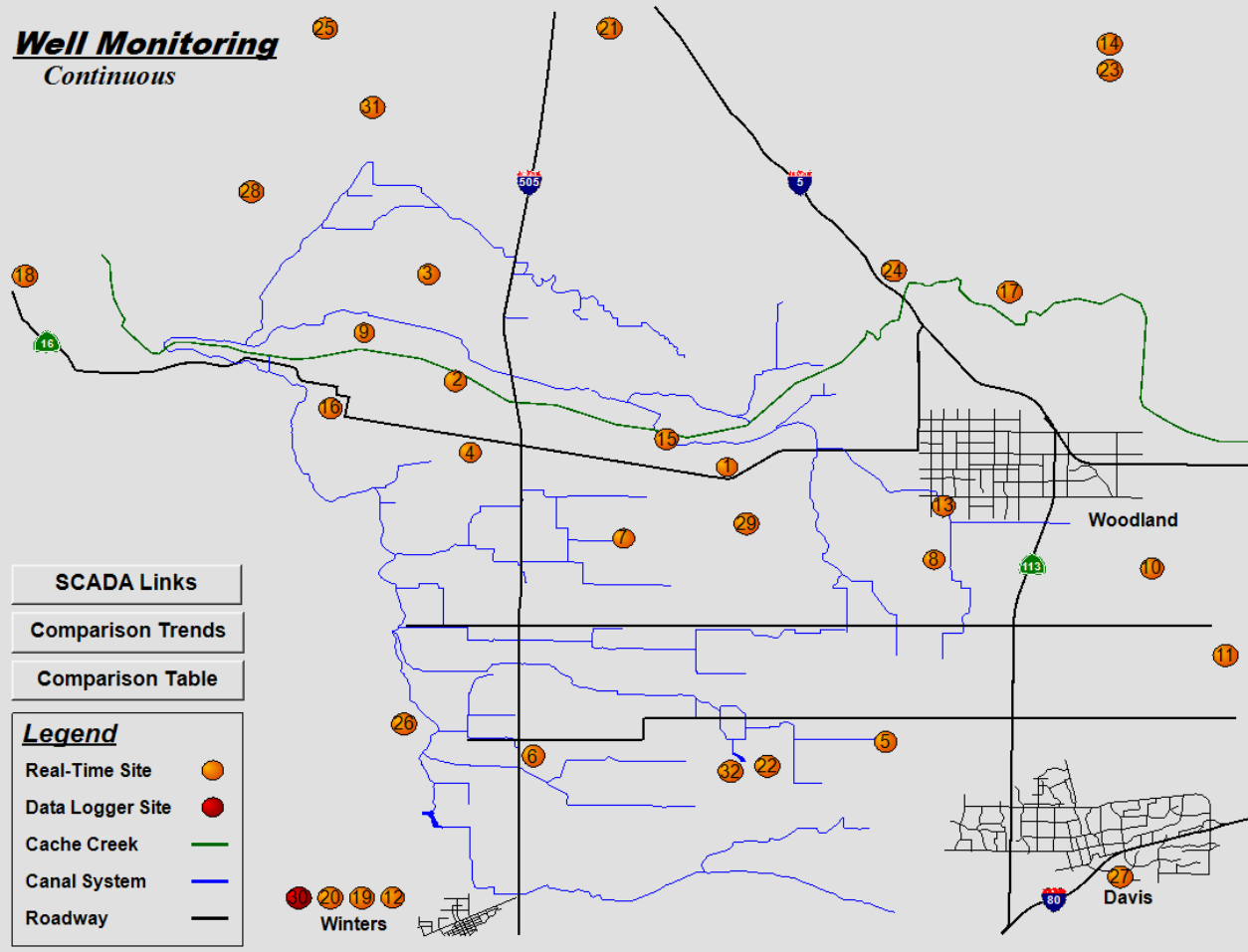
Well Monitoring

Continuous



Well Monitoring

Continuous



Well Monitoring

Depth to Water Historical Comparison
(Daily Average DTW in feet)

SCADA Links

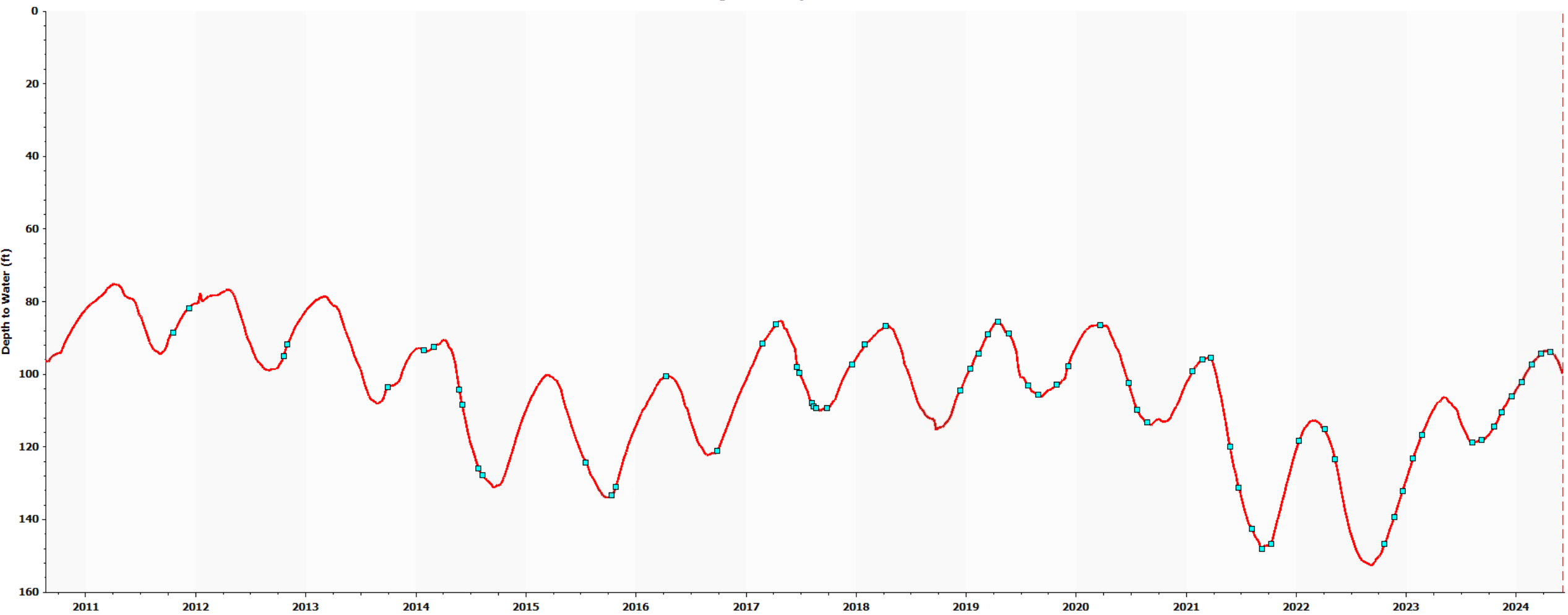
Well Map

Select Date

06/04

Well	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	Δ 2023 - 2024	Δ 2022 - 2024
1.	79.8	85.6	94.2	109.1	114.9	106.2	91.5	94.9	91.2	97.4	125.2	134.9	108.7	101.0	7.7	33.9
2.	34.6	47.8	43.7	60.9	45.5	42.5	26.8	32.5	26.3	31.4	37.4	45.4	34.6	32.3	2.3	13.2
3.	38.6	41.4	45.3	67.6	69.4	57.9	36.6	41.7	35.7	41.7	56.2	76.6	55.2	43.3	11.9	33.4
4.	26.4	36.1	41.0	52.5	59.1	47.3	37.7	32.6	24.7	32.3	47.6	65.3	37.1	33.0	4.1	32.3
5.		18.4	17.4	32.9	32.6	36.8	20.0	28.2	14.4	21.0	28.4	39.9	27.7	28.2	-5	11.7
6.		60.2	56.0	84.6	76.4	72.1	40.7	45.5	30.1	44.7	63.5	79.8	56.3	54.5	1.7	25.3
7.				40.7	40.7	28.3	14.8	17.4	14.8	19.7	41.3	41.2	23.0	17.1	5.9	24.1
8.				85.9	85.6	84.1	62.0	63.0	43.0	63.9	83.5	91.5	64.1	66.0	-1.9	25.5
9.				61.6	63.5	54.6	37.5	42.6	36.9	42.7	53.4	66.4	48.5	41.5	7.1	24.9
10.					120.0	69.0	52.7	44.7	23.8	54.1	74.7	121.3	66.9	48.6	18.3	72.7
11.					28.1	20.6	14.7	15.9	10.5	20.2	24.7	29.3	18.4	17.6	.8	11.7
12.									107.2	115.6	135.5	147.8	138.5	138.8	-4	9.0
13.								91.3	63.5	103.0	126.9	159.4	85.9	93.0	-7.1	66.3
14.									7.7	9.8	11.8	11.2	8.7	9.0	-3	-3
15s.									33.1	36.6	49.2	46.4	34.9	34.0	1.0	12.4
15d.									109.9	127.8	199.6	261.9	156.2	147.8	8.4	114.2
16.									33.1	41.6	44.5	53.4	44.1	38.8	5.3	14.7
17.										22.3	30.7	34.0	23.0	20.5	2.5	2.5
18.										48.1	83.2	59.7	36.9	42.4	-5.5	-5.5
19.										170.2	185.1	195.6	190.6	186.0	4.6	4.6
20.														234.9		
21.											133.2	140.7	130.7	125.3	5.5	5.5
22.												109.5	73.5			
23.												86.5	52.9	57.4	-4.5	-4.5
24.												80.8	59.9	58.8	1.1	1.1
25.													103.2	104.2	-1.0	
26.													93.3	78.1	15.2	
27.													60.4	76.7	-16.3	
28.																
29.													84.4	72.7	11.5	
30.													113.2			
31.													204.5	188.6	16.4	
32.														142.4		

1. HQ Well Depth to Water



Depth to Water
5/4/23: 107.1 feet
6/4/23: 108.7 feet
Δ -1.6 feet

Depth to Water
5/4/24: 95.1 feet
6/4/24: 101.0 feet
Δ -5.9 feet

Preliminary Financial Report

Highlights as of May 31, 2024

Preliminary Budget Summary as of 05/31/2024

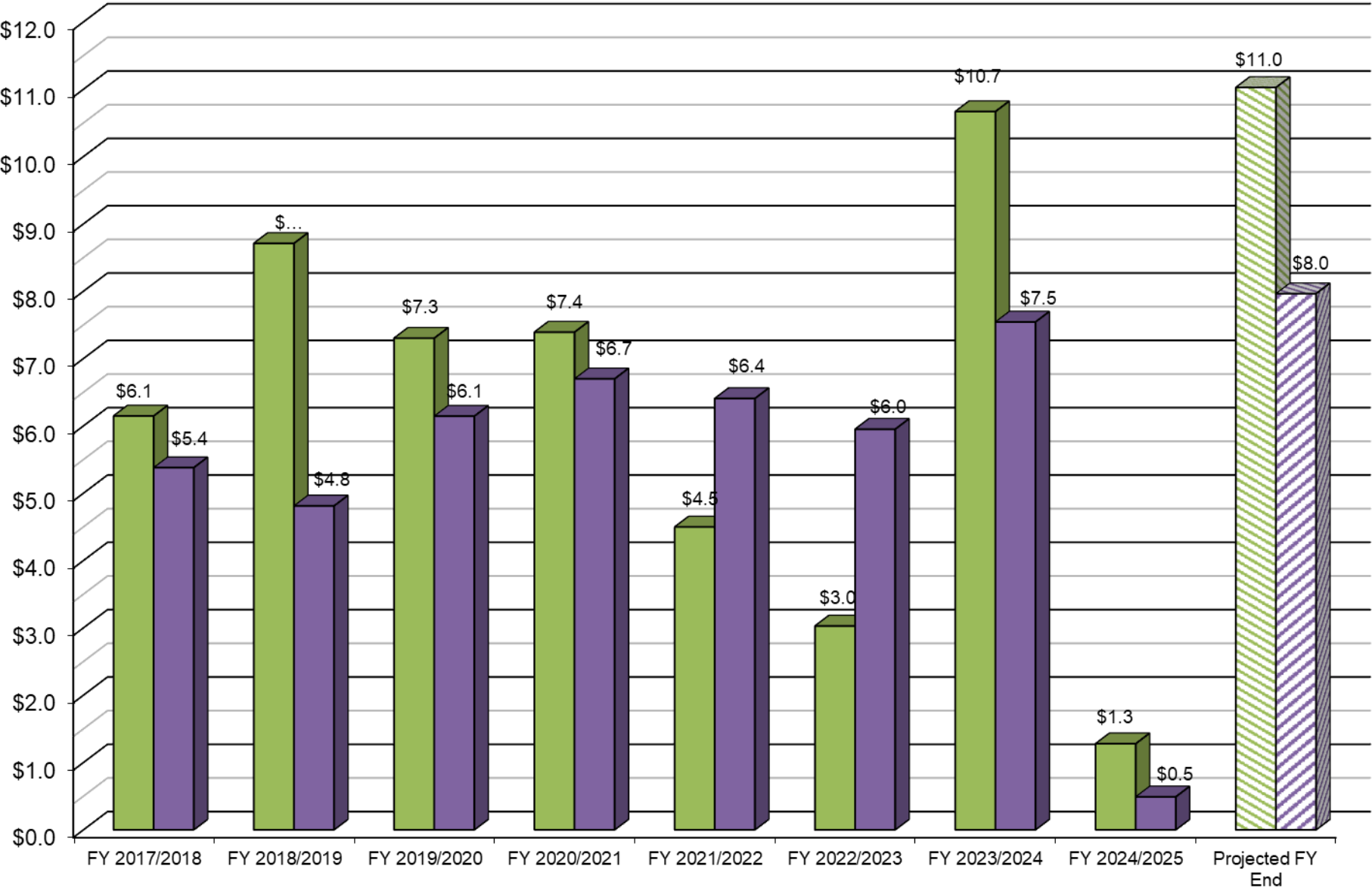
Key Revenue Drivers	Year-to-Date	Budget	Difference
Agricultural Water Sales	\$1,244,596	\$6,104,280	(\$4,859,684)
Non-Agricultural (M&I) Water Sales	\$15,314	\$343,285	(\$327,971)
Property Taxes *includes Special Property Tax Assessment	\$0	\$2,716,000	(\$2,716,000)
IV Dam Hydro (less fees)	\$0	\$300,000	(\$300,000)
Other Revenue	\$16,851	\$1,633,000	(\$1,614,417)
<i>Shared Services Revenue</i>	<i>\$2,007</i>	<i>\$350,000</i>	<i>(\$347,993)</i>
<i>YSGA Reimbursements</i>	<i>\$0</i>	<i>\$400,000</i>	<i>(\$400,000)</i>
<i>Interest</i>	<i>\$14,844</i>	<i>\$225,000</i>	<i>(\$210,156)</i>
<i>Other (includes FEMA)</i>	<i>\$1,732</i>	<i>\$658,000</i>	<i>(\$656,268)</i>
TOTAL REVENUE	\$1,278,493	\$11,096,565	(\$9,818,072)

Key Expense Drivers	Year-to-Date	Budget	Difference
Transmission and Distribution (O&M)	\$174,717	\$1,366,885	(\$1,192,168)
General Administration & General Plant	\$148,850	\$2,759,351	(\$2,610,501)
Other Expenses	\$166,029	\$4,110,870	(\$3,944,841)
TOTAL EXPENSES	\$489,606	\$8,237,106	(\$7,747,500)

Comparison of Actual Revenue vs. Actual Expense

Original Budget
\$11.10 / \$8.24

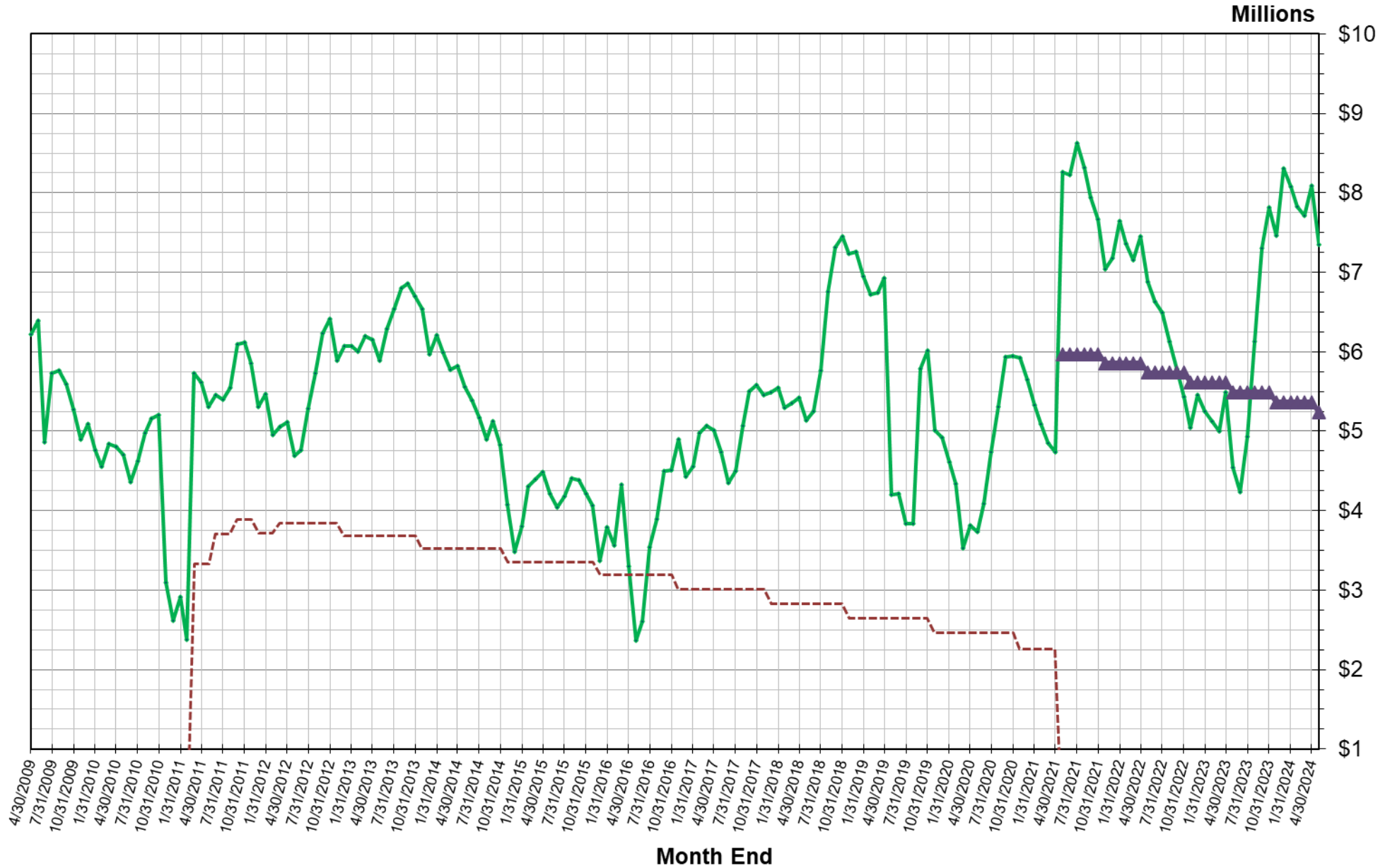
Millions



Actual Revenue Actual Expense

Cash History

— Total Cash & Investments - - - SWRCB Loan Debt ▲ ZION BANK LOAN DEBT



Zion Bank Loan Debt: Rate Covenant Includes Reserves and Flexibility of Lockbox

Breakdown of Cash Accounts

5/31/2024

	Rate	Balance
<u>CASH</u>		
River City Bank Business Checking	0.00%	198,048
River City Bank Public Fund Money Market Plus 1410	4.34%	657,952
River City Bank Public Fund Money Market - CIP - 4429	4.34%	3,540,547
River City Bank - Depository Agent Fund	4.35%	189,985
Yolo County Treasurer - Fund #7270		-
Petty Cash		350
TOTAL		\$ 4,586,882
<u>TEMPORARY INVESTMENTS</u>		
LAIF - YCFC Enterprise Fund	4.36%	433,224
LAIF - Drought Reserve Fund	4.36%	1,608,452
LAIF - Capital Recovery Fund	4.36%	145,033
LAIF - COVID Relief Funds	4.36%	573,072
TOTAL		\$ 2,759,780
<u>TOTAL CASH AND INVESTMENTS</u>		\$ 7,346,662

Capital Improvement Program

Hooper Canal Culvert Replacement



Planning for Capital Jobs

Capay Dam Bladder Replacement Project – Fall 2024

Hungry Hollow Canal – Pipeline Extension Project

Automated Trash System at Winters Heading and West Adams Canal



Capay Diversion Dam: Bladder Replacement Project

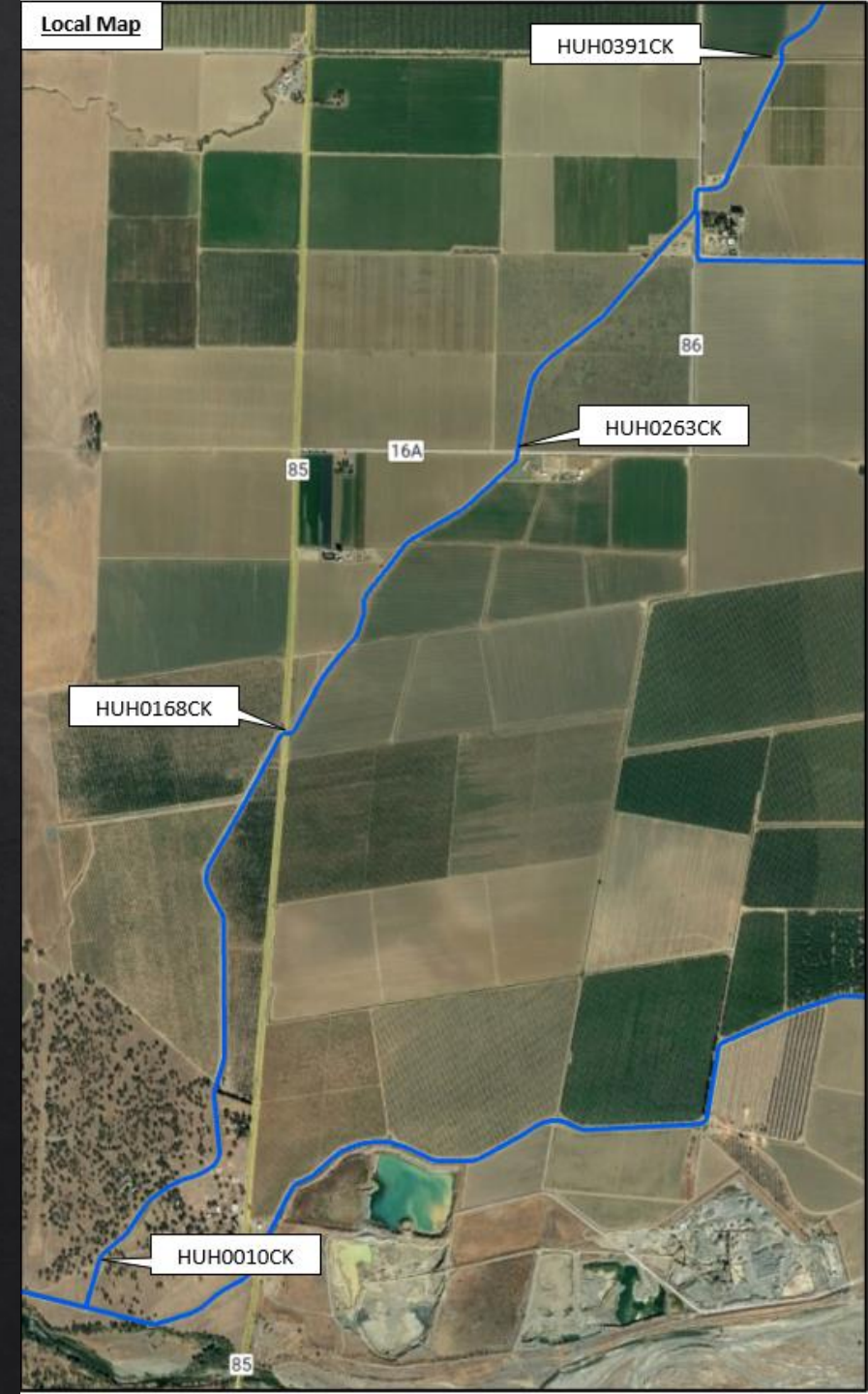
Anticipated Start Date: October 1, 2024



Hungry Hollow Canal Automation

- Project Funding: SGMA Grant and YCFCWCD
- Project Benefits:
 - Canal Level Control
 - Flow Measurement & Control
 - Facilitation of Groundwater Recharge
 - Safety

Site Name	Description of Work	Estimated Schedule	Estimated Cost
HUH0010CK	Gate Installation	5 Days	\$94,000
HUH0168CK	Gate Installation	5 Days	\$47,000
HUH0263CK	Gate Installation	5 Days	\$47,000
HUH0391CK	Gate Installation	5 Days	\$47,000
Construction Total (Labor and Materials)		20 Days	\$235,000



East Adams and Acacia Canals Automation

- Project Funding: SGMA Grant and YCFCWCD
- Project Benefits:
 - Pilot China Slough Conveyance
 - Flow Measurement & Control
 - Facilitation of Groundwater Recharge

Summary Table of Proposed Projects

The following is a summary table of the proposed projects including estimated construction cost

Site Name	Description of Work	Estimated Cost
Pilot Project	Recharge Water Conveyance & Measurement Site	\$30,000
ESA0040CK	Culvert Enlargement	\$15,000
ESA0152CK	Culvert Enlargement & Automatic Gate Installation	\$70,000
ESA0168H	Check Replacement & Automatic Gate Installation	\$73,000
ACA0018CK	Culvert Enlargement & Automatic Gate Installation	\$55,000
ACA0084CK	Check Replacement & Automatic Gate Installation	\$45,000
ACA0122S	Check Replacement & Automatic Gate Installation	\$38,000
Construction Total (Labor and Materials)		\$326,000



General Activities (May 8 – June 4)

PROJECTS:

- **Capital Projects – emergency culvert replacement, turnout/gate installations**
- **Indian Valley Reservoir – FERC Part 12D Compliance and Comprehensive Assessment**
- **Voluntary Agreement Process**
- **IVR – Emergency Action Plan Tabletop Exercise Preparation**
- **Winters Canal Headworks Automated Trash Rack Pulley System**
- **AGM and Finance Director Onboarding**
- **Planning for the Strategic Plan**
- **2023 Storm Damage FEMA Reimbursement Process**
- **Website Update**
- **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**
- **Outreach with various agencies on District’s Recharge Program**
- **Various Private Jobs**
- **Drought Planning**
- **Creek Spraying for CCC and Chipper Program for Yolo RCD**
- **Vegetation Management (MERCOSA, 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 (May 8 – June 4)

OUTREACH:

1. ACWA Region 4 Board Meeting (May 8)
2. Meeting with Aguiar-Curry's Legislative Director (May 10)
3. YSGA Executive Committee Meeting (May 13)
4. YSGA: Interbasin Coordination Meeting with Solano Subbasin (May 13)
5. Meeting with Placer County to Discuss Groundwater Recharge Permitting (May 14)
6. China Slough Project Coordination Meeting (May 15)
7. UCD Ag Sustainability Institute Awards (May 15)
8. ACWA State Legislative Committee Meetings (May 17 and 31)
9. Meeting with NCWA to Discuss AB 2079 (May 20)
10. YSGA Board of Directors Meeting (May 20)
11. Hungry Hollow Pipeline Extension Meeting (May 22)
12. Climate Action Commission Meeting (May 28)
13. Yolo County Flood and Related Initiatives Meeting (May 28)
14. Meeting with DWR to Discuss AB 2079 (May 29)
15. **District Farmers' Council Meeting (May 29)**
16. Meeting with Hungry Hollow Facilitator to Kick-off Project (May 30)
17. Meeting with DWR to Discuss Voluntary Agreement Process (May 31)
18. NCWA Bay-Delta Task Force Meeting (June 3)

Upcoming Meetings & Events

1. ACWA/GRA SGMA Implementation Summit (June 5-6)
2. IVR EAP Tabletop Exercise (June 6)
3. Meeting with State Water Board to Discuss Long-Term Winter Water Right (June 7)
4. YSGA Coordination Meeting with CDFW (June 7)
5. NCWA Groundwater Management Task Force Meeting (June 10)
6. Meeting with Supervisor Frerichs to Discuss Slough Cleaning Responsibilities at County Road 28 (June 10)
7. Yolo County Farm Bureau Board Meeting (June 11)
8. Meeting with Yocha Dehe Wintun Nation: Impact of Bay-Delta Plan and Benefits of Voluntary Agreements (June 12)
9. Yolo County Financial Oversight Committee Meeting (June 13)
10. International Groundwater Conference (June 17)
11. Meeting with Jay Ziegler and Yolo County (June 19)
12. ACWA State Legislative Committee Meeting (June 21)
13. *Tentative* Hungry Hollow Groundwater Committee Meeting (June 24)
14. YSGA Executive Committee Meeting (July 15)
15. Ag Roundtable and Conversation with Supervisors Frerichs and Barajas (July 2)
16. YSGA Board of Directors Meeting (July 15)

Agenda Item #10

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.

Agenda Item #11

Payment of Bills

Consider the approval and payment of the bills
(Checks #63607-63619)

Check Number	Check Amount	Vendor Name	Invoice Number	Invoice Date	Description	Check Date	Invoice Amount
0000063607	\$ 51,597.16	ACWA / JPIA EMPLOYEE BENEFITS				6/4/24	
			0702825 JUN 2024	5/21/24			51,597.16
0000063608	\$ 7,076.85	BARTKIEWICZ KRONICK & SHANAHAN				6/4/24	
			1650-001 APR24	5/9/24	GENERAL LEGAL		3,626.85
			1650-0010 CLEAR LA	5/9/24	CLEAR LAKE LEGAL		345.00
			1650-0020 APR 2024	5/9/24	DELTA ISSUES LEGAL		3,105.00
0000063609	\$ 7,754.63	BRIGGS MANUFACTURING				6/4/24	
			2024379	5/16/24	PO6949 TWIN TRACK WEIR 4X8', C10FB, BELL		6,607.78
			2024380	5/16/24	36" ADS N-12 45D FITTING, MARMAC 36"		1,146.85
0000063610	\$ 5,201.60	INTEGRAL NETWORKS, INC.				6/4/24	
			32453	6/1/24	PO6806 AGREEMENT INTEGRAL COMPLETE MNG		5,201.60
0000063611	\$ 9,320.46	INTERSTATE OIL COMPANY				6/4/24	
			T629100-IN	5/29/24	PO6748 1490GAL GAS, 700GAL DIESEL		9,320.46
0000063612	\$ 5,110.00	MBK ENGINEERS				6/4/24	
			14318	5/21/24			142.50
			14355	5/22/24			1,567.50
			14356	5/22/24		Reimbursable	3,400.00
0000063613	\$ 35,041.26	NUTRIEN AG SOLUTIONS, INC.				6/4/24	
			54189838	5/14/24	PO6848 CASCADE AQUATIC, NAUTIQUE		35,041.26
0000063614	\$ 69,952.29	QUAM GENERAL ENGINEERING, INC.				6/4/24	
			1365	5/23/24	PO6947 HOOPER DITCH CULVERT REPLACEMEN		69,952.29
0000063615	\$ 2,508.57	CARD SERVICE CENTER				6/4/24	
			SICKE1158 MAY24	5/14/24	SAVORY,ZOOM,GISCLOUD,MIXBOOK,GWRESEAF		2,508.57
0000063616	\$ 162,421.55	RUBICON SYSTEMS AMERICA, INC.				6/4/24	
			103702	5/30/24	PO6882 FLUMEGATE, SLIPMETER	Reimbursable	162,421.55
0000063617	\$ 2,761.01	STANDARD INSURANCE COMPANY				6/4/24	
			649299 MAY 2024	5/1/24			2,761.01
0000063618	\$ 12,876.70	UPL NA INC.				6/4/24	
			2206337581	5/7/24	PO6849 TETON		12,876.70
0000063619	\$ 6,515.00	WOOD RODGERS, INC.				6/4/24	
			180811	4/30/24	SR 16 FLOOD RISK REDUCTION	Reimbursable	6,515.00
0000063620	\$ 8,526.00	EATON PUMPS & DRILLING CO. INC.				6/4/24	
			20240522	5/31/24	PO6924 900GAL GALVANIZED PRESSURE TANK		8,526.00

Agenda Item #12

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 #13
Adjourn