



Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda

**Monday, September 18, 2023
3:00 p.m. to 5:00 p.m.**

Woodland Police Department
1000 Lincoln Ave, Woodland, CA 95695

The public may participate in the meeting remotely via Zoom using the following information:

Please join my meeting from your computer, tablet or smartphone.

<https://us06web.zoom.us/j/7847507621>

You can also dial in using your phone.

United States: +1 669 444 9171

Access Code: 784 750 7621

NOTICE TO PUBLIC

Public documents relating to any open session item listed on this agenda that are distributed to all or most of the members of the Board of Directors less than 72 hours before the meeting are available for public inspection in the customer service area of the Yolo Subbasin Groundwater Agency's Administrative Office at 34274 State Highway 16, Woodland 95695. The full agenda packet can also be found on www.yologroundwater.org.

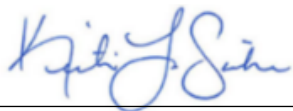
In compliance with the Americans with Disability Act, if you have a disability and need a disability-related modification or accommodation to participate in this meeting please contact YSGA office at (530) 662-3211. Requests must be made as early as possible, and at least one full business day before the start of the meeting.

All items on the agenda will be open for public comment before final action is taken. Speakers are requested to restrict comments to the item as it appears on the agenda and stay within a three-minute time limit. The Chair has the discretion of limiting the total time for an item. Comments may also be submitted via email to info@yolosga.org prior to the meeting or via teleconference chat during the meeting.

- 3:00** **1. CALL TO ORDER AND DETERMINATION OF QUORUM**
- 3:05** **2. ADDING ITEMS TO THE POSTED AGENDA** -- In order to add an agenda item, it must fit into one of the following categories: a) A majority determination that an emergency (as designed by the Brown Act) exists; or b) A 4/5ths determination that the need to take action arose subsequent to the agenda being posted.
- 3:08** **3. PUBLIC FORUM** -- The Public may address the Yolo Subbasin Groundwater Agency Board of Directors on any item of interest not appearing on the agenda that is within the subject matter of the YSGA.

- 3:12 4. **CONSIDERATION: CONSENT ITEMS**, pages 3 to 31
- a. Approve June 19, 2023 Board of Directors Meeting Minutes, pages 5-10
 - b. Receive Fiscal Year End 22/23 Financial Statements, pages 11-17
 - c. Receive Fiscal Year 23/24 Financial Statements: 7/1-9/15/23, pages 18-26
 - d. Receive minutes of Executive Committee: 5/30 and 7/24/23, pages 27-29
 - e. Approve Payment of Bills in Approved Fiscal Year 2022/2023 Budget, page 30
- 3:15 5. **REPORT OF THE CHAIR AND EXECUTIVE OFFICER**, pages 31 to 59
Executive Officer report on activities since last Board meeting.
- 3:20 6. **PRESENTATION: UPDATE FROM LSCE ON FEE STUDY DEVELOPMENT**,
pages 60 to 87
- 3:50 7. **CONSIDERATION: ADOPT RESOLUTION NO. 23-01 DIRECTING THE PREPARATION AND IMPLEMENTATION OF UPDATED WELL PERMIT REVIEW PROCEDURES**, pages 88 to 92
- 4:40 8. **CONSIDERATION: WATERSMART APPLIED SCIENCE GRANT APPLICATION**, pages 93 to 97
- a. Adopt Resolution No. 23-02 Directing and Authorizing the Executive Officer to Prepare and Submit a WaterSMART Applied Science Grant Application
 - b. Approve Letter of Support for the Groundwater Recharge Data Sharing and Modeling Improvements Project
- 4:55 9. **MEMBERS' REPORTS AND FUTURE AGENDA ITEMS** -- Yolo Subbasin Groundwater Agency Members are invited to briefly report on current issues and recommended topics for future Yolo Subbasin Groundwater Agency Board of Directors meetings.
- 4:58 10. **NEXT MEETING** – Special Board of Directors Meeting in October (TBD)
- 5:00 11. **ADJOURNMENT**

Consideration of items not on the posted agenda includes items in the following categories: 1) majority determination that an emergency (as defined by the Brown Act) exists; or 2) a 4/5ths determination that the need to take action arose subsequent to posting of the agenda. I declare under penalty of perjury that the foregoing agenda was posted by September 15, 2023 and made available to the public during normal business hours at the following location: Woodland Police Department at 1100 Lincoln Avenue, Woodland 95695 and YSGA's office at 34274 State Highway 16, Woodland 95695.



Kristin Sicke, Executive Officer

- c. This agenda item is for informational purposes only. No Board action is required.
- d. This agenda item is for informational purposes only. No Board action is required.
- e. Recommend approval of payment of bills.



Yolo Subbasin Groundwater Agency

Board of Directors Meeting Minutes

Monday, June 19, 2023

3:00 p.m. to 5:00 p.m.

**Woodland Police Department
1000 Lincoln Ave, Woodland, CA 95695
And via Zoom**

- 1. CALL TO ORDER and DETERMINATION OF QUORUM:** Meeting called to order at 3:05 p.m. by Lee Smith, Vice Chair.
Executive Officer Sicke conducted a roll call and determined a quorum was present.

The following Board members and (alternates) were in attendance:

City of Davis: Bapu Vaitla

City of West Sacramento: Verna Sulpizio-Hull (*Item 2-end*)

City of Winters: Carol Scianna, (Kurt Balasek)

Dunnigan Water District: David Schaad, (Bill Vanderwaal*)

Esparto CSD: Charlie Schaupp

Reclamation District (RD) 108: (Bill Vanderwaal*)

RD 150: Warren Bogle

RD 307: James Johas

RD 537: Tom Ramos

RD 730: Jim Heidrick

RD 765: David Dickson, Jr.

RD 787: Roger Cornwell, (Dominic Bruno*)

RD 999: Tom Slater

RD 2035: Mike Hall

Rumsey Water Users Association: Ken Muller

Yolo County Flood Control and Water Conservation District (YCFC&WCD): Tom Barth,
(Kristin Sicke)

Cal Am Water – Dunnigan: Evan Jacobs

Colusa Drain Mutual Water Company: Lynnel Pollock

Yolo County Farm Bureau: Lee Smith, (Denise Sagara*)

Environmental Representative: Ann Brice**

Absent: Madison CSD, RD 1600, Yocha Dehe Wintun Nation, Yolo County, UC Davis

*remote attendance, member was nonvoting

**remote attendance, member provided just cause pursuant to AB 2449

- 2. ADDING ITEMS TO THE POSTED AGENDA:** Nothing to add.

3. PUBLIC FORUM: Dave Long commented on subsidence and groundwater level issues in the Zamora area. He supports the idea of stopping well drilling in the dryland hills.

4. CONSIDERATION: CONSENT ITEMS

- a) Approve March 20, 2023 Regular YSGA Board of Directors Meeting Minutes
- b) Receive Fiscal Year 2022-2023 Financial Statements: March 15, 2023 – June 13, 2023
- c) Receive minutes of Executive Committee: 2/22 and 4/10/23
- d) Approve Payment of Bills in Approved Fiscal Year 2022/23 Budget
- e) Approve Recommended Auditor for FY 2021/22, 2022/23, and 2023/24 Audit

Action: Approve items a), d), and e) as presented.

Motion: YCFC&WCD (Barth)

Second: RD 787 (Cornwell)

Discussion: No further discussion.

Vote: Approved unanimously (roll call attached)

5. REPORT OF THE CHAIR AND EXECUTIVE OFFICER

Vice Chair Lee had nothing to report. Executive Officer Sicke provided an overview of the information included in her written report.

6. CLOSED SESSION – CONFERENCE WITH LEGAL COUNSEL – ANTICIPATED LITIGATION

Initiation of litigation pursuant to Government Code Section 54956.9(d)(4) (one potential case).

Closed Session Report: The Board of Directors members, YSGA staff, County staff, and Legal Counsel participated in the closed session item and there was nothing to report. Director Schuapp recused himself from the closed session discussion. The closed session began at 3:28 p.m. and ended at 4:26 p.m.

7. UPDATE – GROUNDWATER SUSTAINABILITY PLAN IMPLEMENTATION

a) Areas of Special Concern – Hungry Hollow Update

Kristin provided an update on groundwater conditions and GSP implementation actions in the Hungry Hollow area since GSP submission.

Public Comment: Annie Main, Hungry Hollow resident, commented in opposition to the permitting of new agricultural wells on previously unirrigated land. She expressed her concerns about declining groundwater levels, increasing perennial acreage, and lack of sufficient data. Jackie Lundy commented in support of Annie’s comments and expressed her own concerns about the Corcoran Hill area where she lives. Jackie expressed her concerns about the permitting of a new agricultural well on a property adjacent to hers.

b) Grant Funding – Update on Awards and Review of Grant Strategy Report

The draft awards for the SGMA Implementation Grant – Round 2 funding were announced by the Department of Water Resources. The YSGA was successful in receiving an award of \$7.9 million, funding 6 of the 8 submitted components. The funded components include Grant Administration, GSP Implementation, Yolo-Zamora Groundwater Recharge Pilot Project, Dunnigan Area Recharge Program, City of Winters Feasibility Studies, and YCFC&WCD Winter Recharge Program. Consero Solutions has prepared a draft Grant Strategy document to help the YSGA plan for additional funding opportunities through 2026. The Grant Strategy includes both funded and non-funded projects.

8. CONSIDERATION – FINANCIAL ITEMS

- a) Adopt Fiscal Year 2023-2024 Operating Budget
- b) Approve Renewal of Services Agreement with YCFC&WCD for 2021-2023
- c) Authorize Executive Officer to Enter into Amended Agreement with Consero Solutions to Proceed with Grant Strategy Report Implementation
- d) Authorize Executive Officer to Enter into Agreement with West Yost Associates

Action: Approve item a) as presented.

Motion: YCFC&WCD (Barth)

Second: RD 787 (Cornwell)

Discussion: No further discussion.

Vote: Approved unanimously (roll call attached)

Action: Approve item b) as presented.

Motion: Dunnigan Water District (Schaad)

Second: Colusa Drain MWC (Pollock)

Discussion: No further discussion.

Vote: Motion passed (roll call attached). Director Barth abstained from voting.

Action: Approve item c) as presented.

Motion: YCFC&WCD (Barth)

Second: City of Winters (Scianna)

Discussion: No further discussion.

Vote: Motion passed (roll call attached)

Action: Approve item d) as presented.

Motion: RD 787 (Cornwell)

Second: YCFC&WCD (Barth)

Discussion: No further discussion.

Vote: Approved unanimously (roll call attached)

9. UPDATE ON WATER LEGISLATION and REGULATORY ISSUES

Ivy Brittain, Northern California Water Association, provided a written update to the Board.

10. CALIFORNIA DEPARTMENT OF WATER RESOURCES UPDATE

Nothing to report.

11. MEMBERS' REPORTS AND FUTURE AGENDA ITEMS:

Nothing to report.

12. NEXT MEETING – September 18, 2023

13. ADJOURNMENT – Vice Chair Lee adjourned the meeting at 5:10 p.m.

Respectfully submitted,



Kristin Sicke, Executive Officer

DRAFT

ROLL CALL YSGA Board of Directors									
	Agency	Name	Board/ Alternate	ATTENDANCE	VOTE - ITEM 4	VOTE - ITEM 8(a)	VOTE - ITEM 8(b)	VOTE - ITEM 8(c)	VOTE - ITEM 8(d)
1	City of Davis	Bapu Vaitla	Board	X	Aye	Aye	Aye	Aye	Aye
		Stan Gryczko	Alternate						
		Richard Tsai	Alternate						
2	City of West Sacramento	Verna Sulpizio Hull	Board	X (Item 2 -end)	Aye	Aye	Aye	Aye	Aye
3	City of Winters	Carol Scianna	Board	X	Aye	Aye	Aye	Aye	Aye
		Kurt Balasek	Alternate	X					
		Wade Cowan	Alternate						
4	City of Woodland	Mayra Vega	Board						
		Tania Garcia-Cadena	Alternate	X	Aye	Aye	Aye	Aye	Aye
5	Dunnigan Water District	David Schaad	Board	X	Aye	Aye	Aye	Present	Aye
		Bill Vanderwaal	Alternate	X*					
6	Esparto CSD	Charles Schaupp	Board	X	Aye	Aye	Aye	Aye	Aye
		Manuel Quintana	Alternate						
7	Madison CSD	Leo Refsland	Board	Absent	Absent	Absent	Absent	Absent	Absent
8	RD 108	Hilary Reinhard	Board						
		Bill Vanderwaal	Alternate	X *					
9	RD 150	Warren Bogle	Board	X	Aye	Aye	Aye	Aye	Aye
10	RD 307	James Johas	Board	X	Aye	Aye	Aye	Aye	Aye
		Karen Chesnut	Alternate						
11	RD 537	Tom Ramos	Board	X*	Absent	Absent	Absent	Absent	Absent
12	RD 730	Jim Heidrick	Board	X	Aye	Aye	Aye	Aye	Aye
13	RD 765	David Dickson, Jr.	Board	X	Aye	Aye	Aye	Aye	Aye
		Doug Dickson, Sr.	Alternate						
14	RD 787	Roger Cornwell	Board	X	Aye	Aye	Aye	Aye	Aye
		Dominic Bruno	Alternate	X					
15	RD 999	Tom Slater	Board	X	Aye	Aye	Aye	Aye	Aye
16	RD 1600	Michele Clark	Board	Absent	Absent	Absent	Absent	Absent	Absent
17	RD 2035	Kyriakos Tsakopoulos	Board						
		Mike Hall	Alternate	X	Aye	Aye	Aye	Aye	Aye
18	Rumsey Water Users Association	Ken Muller	Board	X	Aye	Aye	Aye	Aye	Aye
19	Yocha Dehe Wintun Nation	Marc Fawns	Board	Absent	Absent	Absent	Absent	Absent	Absent
		Jim Etters	Alternate						
20	Yolo County	Gary Sandy	Board	Absent	Absent	Absent	Absent	Absent	Absent
		Jim Provenza	Alternate						
21	YCFC&WCD	Tom Barth	Board	X	Aye	Aye	Abstain	Aye	Aye
		Kristin Sicke	Alternate	X					
22	UC Davis	Camille Kirk	Board	Absent	Absent	Absent	Absent	Absent	Absent
		Kelli O'Day	Alternate						
23	Cal Am Water - Dunnigan	Evan Jacobs	Board	X	Aye	Aye	Aye	Aye	Aye
		Audie Foster	Alternate						
24	Colusa Drain MWC	Lynnel Pollock	Board	X	Aye	Aye	Aye	Aye	Aye
		Jim Wallace	Alternate						
25	Yolo County Farm Bureau	Lee Smith	Board	X	Aye	Aye	Aye	Aye	Aye
		Denise Sagara	Alternate	X*					
26	Environmental Rep.	Ann Brice	Board	X**	Aye	Aye	Aye	Aye	Aye

*remote attendance, member was nonvoting

**remote attendance, member provided just cause pursuant to AB 2449

Agency	Name	Attendance
<i>OTHER YSGA STAFF:</i>		
Executive Officer	Kristin Sicke	X
Legal Counsel	Kevin O'Brien	X
YSGA Staff	Sarah Leicht	X
YSGA Staff	Nathan Fisher	X
<i>PUBLIC AND AGENCY STAFF:</i>		
CA DWR	Nicholas Vadpey	X
	Jackie Lundy	X
Yolo County	Dotty Pritchard	X
	Michayla Gness	X
	Conor Curchin	X
	John Fowult	X
	Dave Long	X
	Ann Main	X
	Mahlon Barklon	X
City of Woodland	Matt Cohen	X
	Linda Bell	X
	Tom Elson	X
Yolo County	Elisa Sabatini	X
Yolo County	Jianmin Huang	X
	Ashley Driver	X
Yolo County	Kimberley Hood	X
	Erik Cadaret	X
	Nick Edsall	X
	Emily Reinhart	X
Yolo County	April Meneghetti	X
	Ricardo Amon	X

Yolo Subbasin Groundwater Agency
Balance Sheet
 As of June 30, 2023

	<u>Jun 30, 23</u>
ASSETS	
Current Assets	
Checking/Savings	
1000 · 1st Northern-Checking	28,784.40
1010 · 1st Northern-Savings	5,667.62
1020 · Yolo County Treasury	<u>1,004,604.73</u>
Total Checking/Savings	1,039,056.75
Other Current Assets	
1150 · Prepaid Insurance	<u>492.25</u>
Total Other Current Assets	<u>492.25</u>
Total Current Assets	<u>1,039,549.00</u>
TOTAL ASSETS	<u>1,039,549.00</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	<u>95,892.21</u>
Total Accounts Payable	<u>95,892.21</u>
Total Current Liabilities	<u>95,892.21</u>
Total Liabilities	95,892.21
Equity	
3000 · Unassigned Fund Balance	-24,000.00
3010 · Nonspendable Fund Balance	492.00
3300 · Assigned Fund Balance	24,000.00
3200 · Retained Earnings	823,253.55
Net Income	<u>119,911.24</u>
Total Equity	<u>943,656.79</u>
TOTAL LIABILITIES & EQUITY	<u>1,039,549.00</u>

Yolo Subbasin Groundwater Agency

Budget vs Actual

July 2022 through June 2023

	Jul '22 - Jun 23	Budget	% of Budget
Ordinary Income/Expense			
Income			
4000 · Member Contributions-Municipal	160,000.00	160,000.00	100.0%
4100 · Member Contributions-Rural	237,841.50	237,842.00	100.0%
4200 · Member Contributions-Affiliates	65,170.00	65,170.00	100.0%
4300 · Direct Contribution-White Areas	0.00	20,000.00	0.0%
4700 · Well Permitting Regulatory Fees	16,334.00	24,000.00	68.1%
4900 · Interest Income	23,616.44	5,000.00	472.3%
Total Income	502,961.94	512,012.00	98.2%
Expense			
5100 · Bank & Other Fees	1,404.28	500.00	280.9%
5300 · Insurance-General & Auto	2,081.50	2,000.00	104.1%
5400 · Meeting Expenses	458.47	0.00	100.0%
5500 · Membership Dues	2,220.00	3,000.00	74.0%
5600 · Office Expenses	393.11	0.00	100.0%
7000 · Admin. Expenses	1,902.03	5,000.00	38.0%
7100 · Project Mgmt-SGMA Implementatio	196,313.12	251,000.00	78.2%
7125 · Buckeye Creek Recharge Project	137.38	9,000.00	1.5%
7200 · Consultant Services	89,721.12	200,000.00	44.9%
7300 · Legal Services	20,114.50	20,000.00	100.6%
7350 · Audit Services - Financial	7,500.00	8,500.00	88.2%
7400 · GSP - Related Consultant Costs	36,987.00	50,000.00	74.0%
7500 · GW Monitoring-Real-time Sensors	393.74	0.00	100.0%
7600 · YC Groundwater Monitor Program	14,235.34	90,000.00	15.8%
7700 · GSP Verif in Well Permit Review	5,221.11	24,000.00	21.8%
Total Expense	379,082.70	663,000.00	57.2%
Net Ordinary Income	123,879.24	-150,988.00	-82.0%
Other Income/Expense			
Other Income			
6410 · FMV Adj	-3,968.00	0.00	100.0%
Total Other Income	-3,968.00	0.00	100.0%
Net Other Income	-3,968.00	0.00	100.0%
Net Income	119,911.24	-150,988.00	-79.4%

Yolo Subbasin Groundwater Agency
Statement of Cash Flows
 July 2022 through June 2023

	Jul '22 - Jun 23
OPERATING ACTIVITIES	
Net Income	119,911.24
Adjustments to reconcile Net Income to net cash provided by operations:	
1100 · Accounts Receivable	700.00
2000 · Accounts Payable	5,214.89
	125,826.13
Net cash provided by Operating Activities	125,826.13
Net cash increase for period	913,230.62
Cash at beginning of period	1,039,056.75
Cash at end of period	1,039,056.75

**Yolo Subbasin Groundwater Agency
Profit & Loss
July 2022 through June 2023**

	Jul 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23	TOTAL
Ordinary Income/Expense													
Income													
4000 · Member Contributions-Municipal	160,000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	160,000.00
4100 · Member Contributions-Rural	224,018.00	0.00	0.00	0.00	0.00	0.00	13,823.50	0.00	0.00	0.00	0.00	0.00	237,841.50
4200 · Member Contributions-Affiliates	60,170.00	0.00	0.00	0.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	65,170.00
4700 · Well Permitting Regulatory Fees	700.00	9,713.00	850.00	500.00	500.00	0.00	773.00	150.00	1,448.00	300.00	350.00	1,050.00	16,334.00
4900 · Interest Income	0.00	0.00	0.50	2,357.96	0.00	0.96	5,619.44	0.00	1.40	6,890.90	0.00	8,745.28	23,616.44
Total Income	444,888.00	9,713.00	850.50	2,857.96	500.00	0.96	25,215.94	150.00	1,449.40	7,190.90	350.00	9,795.28	502,961.94
Expense													
5100 · Bank & Other Fees	0.00	0.00	0.00	264.58	25.00	0.00	511.66	0.00	0.00	363.42	0.00	239.62	1,404.28
5300 · Insurance-General & Auto	604.75	0.00	0.00	1,476.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,081.50
5400 · Meeting Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	458.47	0.00	0.00	458.47
5500 · Membership Dues	0.00	0.00	0.00	0.00	0.00	0.00	2,220.00	0.00	0.00	0.00	0.00	0.00	2,220.00
5600 · Office Expenses	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	393.11	0.00	0.00	393.11
7000 · Admin. Expenses	14.69	0.00	677.78	54.66	118.41	0.00	41.76	11.31	372.60	44.94	39.81	526.07	1,902.03
7100 · Project Mgmt-SGMA Implementatio	0.00	0.00	45,325.14	0.00	0.00	0.00	45,014.57	0.00	4,447.50	46,102.66	0.00	55,423.25	196,313.12
7125 · Buckeye Creek Recharge Project	0.00	0.00	137.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	137.38
7200 · Consultant Services	5,877.50	14,298.00	1,137.50	8,015.31	20,924.06	13,491.25	3,063.75	160.00	2,216.25	2,370.00	10,982.50	7,185.00	89,721.12
7300 · Legal Services	0.00	886.00	3,208.50	3,342.50	256.50	1,060.50	992.00	0.00	1,600.00	1,870.50	1,226.00	5,672.00	20,114.50
7350 · Audit Services - Financial	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,500.00	7,500.00
7400 · GSP - Related Consultant Costs	0.00	0.00	0.00	0.00	0.00	20,656.00	3,971.00	0.00	0.00	12,360.00	0.00	0.00	36,987.00
7500 · GW Monitoring-Real-time Sensors	0.00	0.00	0.00	0.00	0.00	0.00	393.74	0.00	0.00	0.00	0.00	0.00	393.74
7600 · YC Groundwater Monitor Program	0.00	0.00	6,167.97	0.00	0.00	0.00	1,933.08	0.00	0.00	2,695.04	0.00	3,439.25	14,235.34
7700 · GSP Verif in Well Permit Review	0.00	0.00	274.75	0.00	0.00	0.00	2,152.18	0.00	0.00	766.35	0.00	2,027.83	5,221.11
Total Expense	6,496.94	15,184.00	56,929.02	13,153.80	21,323.97	35,207.75	60,293.74	171.31	8,636.35	67,424.49	12,248.31	82,013.02	379,082.70
Net Ordinary Income	438,391.06	-5,471.00	-56,078.52	-10,295.84	-20,823.97	-35,206.79	-35,077.80	-21.31	-7,186.95	-60,233.59	-11,898.31	-72,217.74	123,879.24
Other Income/Expense													
Other Income													
6410 · FMV Adj	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,968.00	-3,968.00
Total Other Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,968.00	-3,968.00
Net Other Income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3,968.00	-3,968.00
Net Income	438,391.06	-5,471.00	-56,078.52	-10,295.84	-20,823.97	-35,206.79	-35,077.80	-21.31	-7,186.95	-60,233.59	-11,898.31	-76,185.74	119,911.24

Yolo Subbasin Groundwater Agency
A/P Aging Summary
As of June 30, 2023

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
Consero Solutions	6,805.00	10,982.50	0.00	0.00	0.00	17,787.50
Downey Brand LLP	5,672.00	1,226.00	1,870.50	0.00	0.00	8,768.50
LedgerPro Bookkeeping	380.00	0.00	0.00	0.00	0.00	380.00
Richardson & Company LLP	7,500.00	0.00	0.00	0.00	0.00	7,500.00
Yolo County Flood Control & WCD	61,416.40	39.81	0.00	0.00	0.00	61,456.21
TOTAL	<u>81,773.40</u>	<u>12,248.31</u>	<u>1,870.50</u>	<u>0.00</u>	<u>0.00</u>	<u>95,892.21</u>

**Yolo Subbasin Groundwater Agency
Transaction List by Date
June 14 - 30, 2023**

Type	Date	Num	Name	Memo	Account	Cir	Split	Amount
Jun 14 - 30, 23								
Deposit	06/14/2023			Deposit	1020 · Yolo County Treasury	X	4700 · Well Permitting Regulatory Fees	350.00
Bill	06/15/2023	3005	LedgerPro Bookkeeping	Bookkeeping services rendered in May, 2023	2000 · Accounts Payable		7200 · Consultant Services	-220.00
Deposit	06/16/2023			Deposit	1020 · Yolo County Treasury	X	4700 · Well Permitting Regulatory Fees	350.00
Payment	06/22/2023	ACH17183	Reclamation District 150		1200 · Undeposited Funds	X	1100 · Accounts Receivable	1,073.25
Deposit	06/22/2023			Deposit	1000 · 1st Northern-Checking	X	1200 · Undeposited Funds	1,073.25
Bill	06/30/2023	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 6/1 - 6/30/2023	2000 · Accounts Payable		7000 · Admin. Expenses	-344.66
Bill	06/30/2023	3011	LedgerPro Bookkeeping	Bookkeeping services rendered in June, 2023	2000 · Accounts Payable		7200 · Consultant Services	-160.00
Bill	06/30/2023	1912	Consero Solutions	Services performed in June	2000 · Accounts Payable		7200 · Consultant Services	-6,805.00
Bill	06/30/2023	2023.0630	Yolo County Flood Control & WCD	4/1/2023-6/30/2023	2000 · Accounts Payable		-SPLIT-	-61,071.74
Deposit	06/30/2023			Interest	1010 · 1st Northern-Savings	X	4900 · Interest Income	1.41
General Journal	06/30/2023	CJD aje-277		To record the annual fair value adjustment on the County i...	6410 · FMV Adj		1025 · County Treasury FMV	-19,484.00
Bill	06/30/2023	FY2022	Richardson & Company LLP	Audit services for FY2022 not to exceed \$7,500	2000 · Accounts Payable		7350 · Audit Services - Financial	-7,500.00
Bill	06/30/2023	588950	Downey Brand LLP	Services rendered through June 30, 2023	2000 · Accounts Payable		7300 · Legal Services	-3,545.00
General Journal	06/30/2023	CJD aje-277		To remove duplicate reporting of accumulated FMV adjust...	6410 · FMV Adj		1025 · County Treasury FMV	23,452.00
Deposit	06/30/2023			Deposit	1020 · Yolo County Treasury	X	4900 · Interest Income	8,743.87
Check	06/30/2023		County of Yolo	FY Q4 Apportionment Fee	1020 · Yolo County Treasury	X	5100 · Bank & Other Fees	-239.62
Jun 14 - 30, 23								

Yolo Subbasin Groundwater Agency
Open Invoices
As of June 30, 2023

Type	Date	Num	P. O. #	Name	Terms	Due Date	Aging	Open Balance
TOTAL								<hr/> <hr/>

Yolo Subbasin Groundwater Agency

Balance Sheet

As of September 15, 2023

	<u>Sep 15, 23</u>
ASSETS	
Current Assets	
Checking/Savings	
1000 · 1st Northern-Checking	11,960.56
1010 · 1st Northern-Savings	5,667.62
1020 · Yolo County Treasury	<u>1,297,732.73</u>
Total Checking/Savings	1,315,360.91
Accounts Receivable	
1100 · Accounts Receivable	<u>126,815.75</u>
Total Accounts Receivable	126,815.75
Other Current Assets	
1200 · Undeposited Funds	<u>21,519.25</u>
Total Other Current Assets	<u>21,519.25</u>
Total Current Assets	<u>1,463,695.91</u>
TOTAL ASSETS	<u>1,463,695.91</u>
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
2000 · Accounts Payable	<u>91,771.86</u>
Total Accounts Payable	<u>91,771.86</u>
Total Current Liabilities	<u>91,771.86</u>
Total Liabilities	91,771.86
Equity	
3000 · Unassigned Fund Balance	-24,000.00
3010 · Nonspendable Fund Balance	492.00
3300 · Assigned Fund Balance	24,000.00
3200 · Retained Earnings	943,164.79
Net Income	<u>428,267.26</u>
Total Equity	<u>1,371,924.05</u>
TOTAL LIABILITIES & EQUITY	<u>1,463,695.91</u>

Yolo Subbasin Groundwater Agency

Budget vs Actual

July 1 through September 15, 2023

	Jul 1 - Sep 15, 23	Budget	% of Budget
Ordinary Income/Expense			
Income			
4000 · Member Contributions-Municipal	160,000.00	160,000.00	100.0%
4100 · Member Contributions-Rural	237,841.50	257,842.00	92.2%
4200 · Member Contributions-Affiliates	65,170.00	65,170.00	100.0%
4700 · Well Permitting Regulatory Fees	1,422.00	10,000.00	14.2%
4900 · Interest Income	0.00	12,000.00	0.0%
Total Income	464,433.50	505,012.00	92.0%
Expense			
5100 · Bank & Other Fees	0.00	1,500.00	0.0%
5300 · Insurance-General & Auto	592.25	2,500.00	23.7%
5500 · Membership Dues	0.00	3,000.00	0.0%
7000 · Admin. Expenses	18.99	5,000.00	0.4%
7100 · Project Mgmt-SGMA Implementatio	591.25	260,000.00	0.2%
7125 · Buckeye Creek Recharge Project	0.00	8,863.00	0.0%
7200 · Consultant Services	26,663.75	200,000.00	13.3%
7300 · Legal Services	500.00	20,000.00	2.5%
7350 · Audit Services - Financial	7,800.00	15,300.00	51.0%
7400 · GSP - Related Consultant Costs	0.00	75,000.00	0.0%
7600 · YC Groundwater Monitor Program	0.00	90,000.00	0.0%
7700 · GSP Verif in Well Permit Review	0.00	10,000.00	0.0%
Total Expense	36,166.24	691,163.00	5.2%
Net Ordinary Income	428,267.26	-186,151.00	-230.1%
Net Income	428,267.26	-186,151.00	-230.1%

Yolo Subbasin Groundwater Agency
Statement of Cash Flows
 July 1 through September 15, 2023

	Jul 1 - Sep 15, 23
OPERATING ACTIVITIES	
Net Income	428,267.26
Adjustments to reconcile Net Income to net cash provided by operations:	
1100 · Accounts Receivable	-126,815.75
1150 · Prepaid Insurance	492.25
2000 · Accounts Payable	-4,120.35
Net cash provided by Operating Activities	297,823.41
Net cash increase for period	297,823.41
Cash at beginning of period	1,039,056.75
Cash at end of period	1,336,880.16

Yolo Subbasin Groundwater Agency

Profit & Loss

09/15/23

July 1 through September 15, 2023

Accrual Basis

	Jul 23	Aug 23	Sep 1 - 15, 23	TOTAL
Ordinary Income/Expense				
Income				
4000 · Member Contributions-Municipal	160,000.00	0.00	0.00	160,000.00
4100 · Member Contributions-Rural	237,841.50	0.00	0.00	237,841.50
4200 · Member Contributions-Affiliates	65,170.00	0.00	0.00	65,170.00
4700 · Well Permitting Regulatory Fees	350.00	22.00	1,050.00	1,422.00
Total Income	463,361.50	22.00	1,050.00	464,433.50
Expense				
5100 · Bank & Other Fees	0.00	0.00	0.00	0.00
5300 · Insurance-General & Auto	492.25	100.00	0.00	592.25
7000 · Admin. Expenses	15.84	3.15	0.00	18.99
7100 · Project Mgmt-SGMA Implementatio	591.25	0.00	0.00	591.25
7200 · Consultant Services	11,751.25	14,912.50	0.00	26,663.75
7300 · Legal Services	500.00	0.00	0.00	500.00
7350 · Audit Services - Financial	7,800.00	0.00	0.00	7,800.00
Total Expense	21,150.59	15,015.65	0.00	36,166.24
Net Ordinary Income	442,210.91	-14,993.65	1,050.00	428,267.26
Net Income	442,210.91	-14,993.65	1,050.00	428,267.26

Yolo Subbasin Groundwater Agency
A/P Aging Summary
As of September 15, 2023

	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>> 90</u>	<u>TOTAL</u>
ACWA/JPIA	0.00	0.00	100.00	0.00	0.00	100.00
Consero Solutions	0.00	14,812.50	0.00	0.00	0.00	14,812.50
LedgerPro Bookkeeping	0.00	100.00	0.00	0.00	0.00	100.00
Richardson & Company LLP	7,800.00	0.00	0.00	7,500.00	0.00	15,300.00
Yolo County Flood Control & WCD	0.00	3.15	344.66	61,071.74	39.81	61,459.36
TOTAL	<u>7,800.00</u>	<u>14,915.65</u>	<u>444.66</u>	<u>68,571.74</u>	<u>39.81</u>	<u>91,771.86</u>

**Yolo Subbasin Groundwater Agency
Transaction List by Date
July 1 through September 15, 2023**

Type	Date	Num	Name	Memo	Account	Cir	Split	Amount
Jul 1 - Sep 15, 23								
General Journal	07/01/2023	CJD aje-278	ACWA/JPIA	To reclassify prepaid insurance to covered policy year	5300 · Insurance-General & A...		1150 · Prepaid Insurance	492.25
Bill	07/01/2023	FY2023	Richardson & Company LLP	Audit services not to exceed \$7,800.00 for FY 2023	2000 · Accounts Payable		7350 · Audit Services - Financial	-7,800.00
Invoice	07/07/2023	2023-1	California American Water Company		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	5,000.00
Invoice	07/07/2023	2023-2	City of Davis		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	07/07/2023	2023-3	City of West Sacramento		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	07/07/2023	2023-4	City of Winters		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	20,000.00
Invoice	07/07/2023	2023-5	City of Woodland		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	40,000.00
Invoice	07/07/2023	2023-6	Colusa Drain Mutual Water Comany	Affiliates FY2023-2024 Dues	1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	10,000.00
Invoice	07/07/2023	2023-7	County of Yolo		1100 · Accounts Receivable		4100 · Member Contributions-Rural	40,000.00
Invoice	07/07/2023	2023-8	Dunnigan Water District		1100 · Accounts Receivable		4100 · Member Contributions-Rural	5,350.00
Invoice	07/07/2023	2023-9	Esparto Community Service District		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	5,000.00
Invoice	07/07/2023	2023-10	Reclamation District 787		1100 · Accounts Receivable		4100 · Member Contributions-Rural	14,700.00
Invoice	07/07/2023	2023-11	Madison Community Service District		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	5,000.00
Invoice	07/07/2023	2023-12	Reclamation District 108		1100 · Accounts Receivable		4100 · Member Contributions-Rural	21,600.00
Invoice	07/07/2023	2023-13	Reclamation District 150		1100 · Accounts Receivable		4100 · Member Contributions-Rural	2,146.50
Invoice	07/07/2023	2023-14	Reclamation District 1600		1100 · Accounts Receivable		4100 · Member Contributions-Rural	3,462.00
Invoice	07/07/2023	2023-15	Reclamation District 307	Rural FY2023-2024 Dues	1100 · Accounts Receivable		4100 · Member Contributions-Rural	2,970.50
Invoice	07/07/2023	2023-16	Reclamation District 2035		1100 · Accounts Receivable		4100 · Member Contributions-Rural	19,000.00
Invoice	07/07/2023	2023-17	Reclamation District 537		1100 · Accounts Receivable		-SPLIT-	3,038.50
Invoice	07/07/2023	2023-18	Reclamation District 730		1100 · Accounts Receivable		4100 · Member Contributions-Rural	2,249.00
Invoice	07/07/2023	2023-19	Reclamation District 765		1100 · Accounts Receivable		4100 · Member Contributions-Rural	700.00
Invoice	07/07/2023	2023-20	Reclamation District 999		1100 · Accounts Receivable		4100 · Member Contributions-Rural	12,625.00
Invoice	07/07/2023	2023-21	Rumsey Water Users Association		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	170.00
Invoice	07/07/2023	2023-22	University of California Davis		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	40,000.00
Invoice	07/07/2023	2023-23	YCFC&WCD		1100 · Accounts Receivable		4100 · Member Contributions-Rural	110,000.00
Invoice	07/07/2023	2023-24	Yocha Dehe Wintun Nation		1100 · Accounts Receivable		4000 · Member Contributions-Municipal	10,000.00
Invoice	07/07/2023	2023-25	Yolo County Farm Bureau		1100 · Accounts Receivable		4200 · Member Contributions-Affiliates	10,000.00
Payment	07/13/2023	Unknown	YCFC&WCD		1200 · Undeposited Funds	X	1100 · Accounts Receivable	110,000.00
Payment	07/13/2023		Reclamation District 765		1200 · Undeposited Funds	X	1100 · Accounts Receivable	700.00
Payment	07/17/2023	Unknown	Esparto Community Service District		1200 · Undeposited Funds	X	1100 · Accounts Receivable	5,000.00
Payment	07/17/2023	Unknown	City of Woodland		1200 · Undeposited Funds	X	1100 · Accounts Receivable	40,000.00
Payment	07/17/2023		City of West Sacramento		1200 · Undeposited Funds	X	1100 · Accounts Receivable	40,000.00
Payment	07/19/2023	1211	Reclamation District 1600		1200 · Undeposited Funds	X	1100 · Accounts Receivable	1,731.00
Payment	07/20/2023	99771	Dunnigan Water District		1200 · Undeposited Funds	X	1100 · Accounts Receivable	5,350.00
Payment	07/20/2023	12554	Reclamation District 787		1200 · Undeposited Funds	X	1100 · Accounts Receivable	14,700.00
Payment	07/20/2023	31669	Reclamation District 108		1200 · Undeposited Funds	X	1100 · Accounts Receivable	21,600.00
Payment	07/21/2023	454421	City of Davis		1200 · Undeposited Funds	X	1100 · Accounts Receivable	40,000.00
Deposit	07/21/2023			Deposit	1020 · Yolo County Treasury		4700 · Well Permitting Regulatory Fees	350.00
Bill Pmt -Check	07/24/2023	284	Consero Solutions		1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-17,787.50
Bill Pmt -Check	07/24/2023	285	Downey Brand LLP	VOID:MISPRINT	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	0.00
Bill Pmt -Check	07/24/2023	286	LedgerPro Bookkeeping		1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-380.00
Bill Pmt -Check	07/24/2023	288	Downey Brand LLP		1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-8,768.50
Payment	07/24/2023	0149558	Yocha Dehe Wintun Nation		1200 · Undeposited Funds	X	1100 · Accounts Receivable	10,000.00
Payment	07/24/2023	21563	Reclamation District 999		1200 · Undeposited Funds	X	1100 · Accounts Receivable	12,625.00
Payment	07/24/2023	1500063571	California American Water Company		1200 · Undeposited Funds	X	1100 · Accounts Receivable	5,000.00
Payment	07/27/2023	ACH 17445	Reclamation District 307		1200 · Undeposited Funds	X	1100 · Accounts Receivable	2,970.50
Deposit	07/27/2023			Deposit	1000 · 1st Northern-Checking	X	1200 · Undeposited Funds	2,970.50
Payment	07/28/2023	4555	Colusa Drain Mutual Water Comany		1200 · Undeposited Funds	X	1100 · Accounts Receivable	5,000.00
Bill	07/31/2023	3085	LedgerPro Bookkeeping	July bookkeeping services	2000 · Accounts Payable		7200 · Consultant Services	-640.00
Bill	07/31/2023	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 7/1 - 7/31/2023	2000 · Accounts Payable		7000 · Admin. Expenses	-15.84
Bill	07/31/2023	589738	Downey Brand LLP	Services rendered through July 31, 2023	2000 · Accounts Payable		7300 · Legal Services	-500.00
Bill	07/31/2023	40082	Luhdorff & Scalmanini	Services rendered through July 30, 2023	2000 · Accounts Payable		7100 · Project Mgmt-SGMA Implement...	-591.25
Bill	07/31/2023	1920	Consero Solutions	July SGA Work & May-July Subcontracted EEC Services	2000 · Accounts Payable		7200 · Consultant Services	-11,111.25
Deposit	08/03/2023			Deposit	1020 · Yolo County Treasury		-SPLIT-	311,706.00
Payment	08/11/2023	060069	City of Winters		1200 · Undeposited Funds		1100 · Accounts Receivable	20,000.00
Deposit	08/11/2023			Deposit	1020 · Yolo County Treasury		4700 · Well Permitting Regulatory Fees	22.00
Bill	08/11/2023	Cyber Liability	ACWA/JPIA	FY 7/1/23 to 6/30/24 Cyber Liability	2000 · Accounts Payable		5300 · Insurance-General & Auto	-100.00
Bill Pmt -Check	08/22/2023	289	Consero Solutions	July SGA Work & May-July Subcontracted EEC Services	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-11,111.25
Bill Pmt -Check	08/22/2023	290	Downey Brand LLP	Services rendered through July 31, 2023	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-500.00
Bill Pmt -Check	08/22/2023	291	LedgerPro Bookkeeping	July bookkeeping services	1000 · 1st Northern-Checking		2000 · Accounts Payable	-640.00
Bill Pmt -Check	08/22/2023	292	Luhdorff & Scalmanini	Services rendered through July 30, 2023	1000 · 1st Northern-Checking		2000 · Accounts Payable	-591.25
Bill Pmt -Check	08/22/2023	293	Yolo County Flood Control & WCD	Copies & Postage 7/1 - 7/31/2023	1000 · 1st Northern-Checking		2000 · Accounts Payable	-15.84
General Journal	08/28/2023	CJD aje-278	Consero Solutions	NSF Returned Check #289	1000 · 1st Northern-Checking	X	5100 · Bank & Other Fees	11,111.25
General Journal	08/28/2023	CJD aje-279	Downey Brand LLP	NSF Returned Check #290	1000 · 1st Northern-Checking	X	5100 · Bank & Other Fees	500.00

**Yolo Subbasin Groundwater Agency
Transaction List by Date
July 1 through September 15, 2023**

Type	Date	Num	Name	Memo	Account	Cir	Split	Amount
Check	08/31/2023	294	Consero Solutions	Replace check #289	1000 · 1st Northern-Checking		5100 · Bank & Other Fees	-11,111.25
Check	08/31/2023	295	Downey Brand LLP	Replace check #290	1000 · 1st Northern-Checking		5100 · Bank & Other Fees	-500.00
Bill	08/31/2023	3105	LedgerPro Bookkeeping	Bookkeeping services provided for August	2000 · Accounts Payable		7200 · Consultant Services	-100.00
Bill	08/31/2023	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 8/1 - 8/31/2023	2000 · Accounts Payable		7000 · Admin. Expenses	-3.15
Bill	08/31/2023	1929	Consero Solutions	Aug SGA Work & Subcontracted EEC Services	2000 · Accounts Payable		7200 · Consultant Services	-14,812.50
Payment	09/05/2023	1533	Reclamation District 537		1200 · Undeposited Funds		1100 · Accounts Receivable	1,519.25
Transfer	09/07/2023			Funds Transfer	1020 · Yolo County Treasury		1000 · 1st Northern-Checking	-20,000.00
Deposit	09/11/2023			Deposit	1020 · Yolo County Treasury		4700 · Well Permitting Regulatory Fees	350.00
Deposit	09/13/2023			Deposit	1020 · Yolo County Treasury		4700 · Well Permitting Regulatory Fees	700.00
Jul 1 - Sep 15, 23								

Yolo Subbasin Groundwater Agency Open Invoices As of September 15, 2023

Type	Date	Num	P. O. #	Name	Terms	Due Date	Aging	Open Balance
Colusa Drain Mutual Water Comany								
Invoice	07/07/2023	2023-6		Colusa Drain Mutual Water Comany	50% Invoice Due ...	01/27/2024		5,000.00
Total Colusa Drain Mutual Water Comany								5,000.00
County of Yolo								
Invoice	07/07/2023	2023-7		County of Yolo	Net 30	08/06/2023	40	40,000.00
Total County of Yolo								40,000.00
Madison Community Service District								
Invoice	07/07/2023	2023-11		Madison Community Service District	Net 30	08/06/2023	40	5,000.00
Total Madison Community Service District								5,000.00
Reclamation District 150								
Invoice	07/07/2023	2023-13		Reclamation District 150	Net 30	08/06/2023	40	2,146.50
Total Reclamation District 150								2,146.50
Reclamation District 1600								
Invoice	07/07/2023	2023-14		Reclamation District 1600	50% Invoice Due ...	01/27/2024		1,731.00
Total Reclamation District 1600								1,731.00
Reclamation District 2035								
Invoice	07/07/2023	2023-16		Reclamation District 2035	Net 30	08/06/2023	40	19,000.00
Total Reclamation District 2035								19,000.00
Reclamation District 537								
Invoice	07/07/2023	2023-17		Reclamation District 537	50% Invoice Due ...	01/27/2024		1,519.25
Total Reclamation District 537								1,519.25
Reclamation District 730								
Invoice	07/07/2023	2023-18		Reclamation District 730	Net 30	08/06/2023	40	2,249.00
Total Reclamation District 730								2,249.00
Rumsey Water Users Association								
Invoice	07/07/2023	2023-21		Rumsey Water Users Association	Net 30	08/06/2023	40	170.00
Total Rumsey Water Users Association								170.00
University of California Davis								
Invoice	07/07/2023	2023-22		University of California Davis	Net 30	08/06/2023	40	40,000.00
Total University of California Davis								40,000.00
Yolo County Farm Bureau								
Invoice	07/07/2023	2023-25		Yolo County Farm Bureau	Net 30	08/06/2023	40	10,000.00

**Yolo Subbasin Groundwater Agency
Open Invoices
As of September 15, 2023**

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>P. O. #</u>	<u>Name</u>	<u>Terms</u>	<u>Due Date</u>	<u>Aging</u>	<u>Open Balance</u>
Total Yolo County Farm Bureau								10,000.00
TOTAL								126,815.75

Yolo Subbasin Groundwater Agency
MINUTES of Executive Committee (EC) Meeting
May 30, 2023, 12:00 p.m. – 1:00 p.m.
Hosted at YCFC&WCD Headquarters
34274 State Highway 16, Woodland

Present: Lee Smith, Dave Schaad, Kristin Sicke, Kurt Balasek, Sarah Leicht, Nathan Fisher, Jianmin Huang, Elisa Sabatini

1. **Call to Order:** Meeting was called to order by Lee Smith at 12:03 pm.
2. **Adding Items to the Posted Agenda:** Nothing to add.
3. **Public Comment:** No comments.
4. **Administrative Items** (Sicke):
 - a) April 10, 2023 meeting minutes were approved.
 - b) Reviewed financials: 4/6 – 5/24/23: Financials were provided with the agenda packet.
 - c) Fiscal Year 2022 Audit: Request for EC to Recommend Richardson & Co. for 3-Year Contract: Kristin sent out a Request for Proposals to 8 auditor firms. One proposal was received from Richardson & Co. A staff report was provided with the agenda package.
 - d) Draft Officers Policy: Previously the Committee discussed the development of an officer policy. Kristin provided a revised draft for the Committee's review.
 - e) Payments to approve: Payments were provided with the agenda packet.

David Schaad moved to approve administrative items a) and b), which was seconded by Kurt Balasek and approved unanimously.

David Schaad moved to recommend Richardson and Co's 3-year audit proposal for approval by the Board of Directors, which was seconded by Kurt Balasek and approved unanimously.

Kurt Balasek moved to approve item e) which was seconded by David Schaad and approved unanimously.

5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)
 - a) Water Conditions Update: Kristin provided an update on spring groundwater level conditions.
 - b) DWR's SGMA Implementation Grant Funding: DWR's draft award announcement is recommending the Yolo Subbasin receive \$7.917 M for implementing the Yolo Subbasin GSP.
 - c) Ad Hoc Drought Contingency Planning Committee: The Committee has not met recently.
 - d) Ad Hoc Committee for Reconsideration of Expense Allocation: The Committee met on May 19 to discuss the draft fee study proposal from LSCE. An update will be provided at the June Board of Directors meeting.

6. Conference with Legal Counsel – Anticipated Litigation

Initiation of litigation pursuant to Government Code section 54956.9(d)(4) (one potential case)

Closed Session Report: The Executive Committee members, YSGA staff, County staff, and Legal Counsel participated in the closed session item and there was nothing to report.

7. June 19, 2023 Board of Directors Agenda Items (Sicke)

The Committee Reviewed the proposed agenda for the June 19 Board of Directors meeting. No changes were made.

- a) Consent Items:
 - i. Financials
 - ii. Recommendation for Auditor Selection
 - iii. Meetings Minutes
- b) Helen Thomson Honorary Resolution - moved to 9/18/23
- c) NCWA Update on Water Legislation and Regulatory Issues
- d) DWR Update
- e) Report of Chair and Executive Officer
- f) Water Conditions Update
- g) Adopt Fiscal Year 2023-2024 Operating Budget

Yolo Subbasin Groundwater Agency
MINUTES of Executive Committee (EC) Meeting
May 30, 2023, 12:00 p.m. – 1:00 p.m.
Hosted at YCFC&WCD Headquarters
34274 State Highway 16, Woodland

h) Areas of Special Concern: Hungry Hollow Update (and Comment Letter)

8. Other Updates & Future Executive Committee Agenda Items: Nothing to report.

9. Next Executive Committee Meeting Date: July 14, 2023.

10. Adjourned at 1:06 pm.

Respectfully submitted,



Kristin Sicke
Executive Officer

Yolo Subbasin Groundwater Agency
MINUTES of Executive Committee (EC) Meeting
July 24, 2023, 12:00 p.m. – 1:00 p.m.
Hosted at YCFC&WCD Headquarters
34274 State Highway 16, Woodland

Present: Lee Smith, Dave Schaad, Kristin Sicke, Dotty Pritchard, Sarah Leicht, Nathan Fisher, Mikayla Gness

Absent: Elisa Sabatini, Kurt Balasek

1. **Call to Order:** Meeting was called to order by Lee Smith at 12:02 pm.
2. **Adding Items to the Posted Agenda:** Nothing to add.
3. **Public Comment:** No comments.
4. **Administrative Items** (Sicke):
 - a) May 30, 2023 meeting minutes were approved.
 - b) Reviewed financials: FY 2022-2023: 6/30/22 – 6/30/23: Preliminary financials were provided with the agenda packet.
 - c) Reviewed financials: FY 2023-2024: 7/1 – 7/20/23: Preliminary financials were provided with the agenda packet.
 - d) Payments to approve: Payments were provided with the agenda packet.

David Schaad moved to approve administrative item a), which was seconded by Kristin Sicke and approved unanimously. David Schaad moved to approve administrative item d), which was seconded by Kristin Sicke and approved unanimously.

5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)
 - a) *Water Conditions Update:* Kristin provided an update on current groundwater level conditions. On average, groundwater levels are 26 feet higher than last year on this day.
 - b) *Grant Funding Opportunities:* Staff are working with Consero to identify future funding opportunities. They are preparing an application to the ICARP Regional Resilience Grant, due August 29. Staff are also tracking the upcoming WaterSMART program solicitation.
 - c) *Ad Hoc Drought Contingency Planning Committee:* The Committee is scheduled to meet on July 26 to discuss the recent Board of Supervisors meeting and potential changes to the well permitting process. At the recent Board of Supervisors meeting, the County Drought Emergency was allowed to lapse. There were a number of concerned domestic well owners in attendance who provided public comments. The Board of Supervisors is interested in considering a moratorium on previously unirrigated areas and/or in Areas of Special Concern. The next meeting will be on September 12 to continue discussing this issue. YSGA Staff are working with West Yost to further define the Areas of Special Concern.
 - d) *Ad Hoc Committee for Reconsideration of Expense Allocation:* LSCE is currently working on the fee study. Public outreach for the potential fee structure will be ramping up this fall.

6. **Other Updates & Future Executive Committee Agenda Items:** The September Board of Directors meeting will feature a presentation by Rebecca Smith about the authorities of the YSGA and an honorary resolution for Helen Thomson.

7. **Next Executive Committee Meeting Date:** August 21, 2023.

8. **Adjourned** at 12:34 pm.

Respectfully submitted,



Kristin Sicke
Executive Officer

**YOLO COUNTY FLOOD CONTROL &
WATER CONSERVATION DISTRICT**

34274 State Highway 16
Woodland, CA 95695-9371

(530) 662-0265

INVOICE # 2023.0630

DATE: 6/30/2023

Yolo Subbasin Groundwater Agency
34274 State Highway 16
Woodland, CA 95776

INVOICE

Yolo County Flood Control & WCD Expenses 04/01/2023 - 06/30/2023

<u>YCFC Labor Costs</u>	<u>Hourly Billing Rate</u>	<u>Hours</u>	<u>Cost Code</u>	<u>Amount</u>
Kristin Sicke	\$137.03	14.0	7100	\$ 1,918.42
Sarah Leicht	\$47.79	66.0	7100	\$ 3,154.14
Nathan Fisher	\$44.23	68.0	7100	\$ 3,007.64
Kristin Sicke	\$137.03	5.0	7700	\$ 685.15
Sarah Leicht	\$47.79	2.5	7700	\$ 119.48
New Rates as of Fiscal Year 5/01/23:				
Kristin Sicke	\$140.40	89.0	7100	\$ 12,495.60
Sarah Leicht	\$52.12	323.0	7100	\$ 16,834.76
Nathan Fisher	\$43.88	384.9	7100	\$ 16,888.53
Aaron Gurecki	\$58.48	4.5	7100	\$ 263.16
Kristin Sicke	\$140.40	5.0	7700	\$ 702.00
Sarah Leicht	\$52.12	10.0	7700	\$ 521.20
Total Labor		971.9		\$ 56,590.08

Expenses

03/28/23	GIS Cloud, Inc. - 10 GB Storage (03/28/23-04/28/23)	7600	\$ 25.00
04/28/23	GIS Cloud, Inc. - 10 GB Storage (04/28/23-05/28/23)	7600	\$ 25.00
05/28/23	GIS Cloud, Inc. - 10 GB Storage (05/28/23-06/28/23)	7600	\$ 25.00
03/15/23	GIS Cloud, Inc. - Map Editor (03/15/23-04/15/23)	7600	\$ 55.00
04/15/23	GIS Cloud, Inc. - Map Editor (04/15/23-05/15/23)	7600	\$ 55.00
05/15/23	GIS Cloud, Inc. - Map Editor (05/15/23-06/15/23)	7600	\$ 55.00
06/15/23	GIS Cloud, Inc. - Map Editor (06/15/23-07/15/23)	7600	\$ 55.00
04/03/23	GIS Cloud, Inc. - Mobile Data Collection (04/03/23-05/03/23)	7600	\$ 40.00
05/03/23	GIS Cloud, Inc. - Mobile Data Collection (05/03/23-06/03/23)	7600	\$ 40.00
06/03/23	GIS Cloud, Inc. - Mobile Data Collection (06/03/23-07/03/23)	7600	\$ 40.00
04/16/23	IONOS, Inc. - YoloWRA.org subscription	7000	\$ 8.71
05/16/23	IONOS, Inc. - YoloWRA.org subscription - Credit	7000	\$ (4.06)
04/10/23	Nugget Market - Sandwiches - YSGA Meeting	7000	\$ 81.52
05/30/23	Nugget Market - Sandwiches - YSGA Meeting	7000	\$ 82.42
05/03/23	Amazon - 8.5"x11" Blank White Perforated Cardstock Paper	7000	\$ 12.82
03/16/23	Groundwater Resources Assoc of California - K. Sicke SGMA Summit & Workshop	7100	\$ 375.00
05/08/23	Groundwater Resources Assoc of California - N. Fisher SGMA Summit & Workshop	7100	\$ 400.00
06/07/23	555 Capitol Mall Sacramento - Parking	7100	\$ 26.00
04/18/23	UC Davis - Intro to Groundwater, Watersheds, and Groundwater Sustainability Plan	7100	\$ 60.00
04/25/23	Solinist - SS Probe on 10ft tape section and water level meter	7600	\$ 149.92
05/19/23	Woodland Home Center - 10" CHR ADJ Wrench	7600	\$ 24.83
05/01/23	Yolo County Environmental Health - Permit for Installing Multi-completion Wells	7600	\$ 2,262.00
06/01/23	Websoft Developers, Inc. - WRID Support Tasks	7600	\$ 587.50
Total Expenses			\$ 4,481.66

7000 Sub-Total	\$ 181.41
7100 Sub-Total	\$55,423.25
7600 Sub-Total	\$ 3,439.25
7700 Sub-Total	\$ 2,027.83
	<u>\$61,071.74</u>

TOTAL REIMBURSEMENT REQUESTED \$ 61,071.74

Due and payable on receipt of invoice. Accounts become delinquent 30 days from date mailed. Delinquent accounts will be charged a 1.5% finance charge per month with a 5% penalty on December 31st on accounts delinquent on that date.

Date: September 15, 2023
To: YSGA Board of Directors
From: Kristin Sicke, Executive Officer
Subject: Report of the Executive Officer

Recommendation

For informational purposes only. No Board action required.

Background

Following is an update to the Board of Directors of the YSGA on activities and issues related to the ongoing implementation of the Sustainable Groundwater Management Act (SGMA). This report should be considered as a summary document so that Board members and other interested parties can quickly read about the general activities taking place between YSGA Board meetings. Board members should feel free to contact me at any time for more detail or with ideas and/or questions that they might have regarding the program.

Since the June 19, 2023 meeting of the YSGA Board of Directors the following activities have taken place.

Program Administration

Two meetings were held by the YSGA Executive Committee (EC) on July 24 and August 21, 2023. The EC, consisting of Chair Sandy, Vice-Chair Smith, David Schaad, Kurt Balasek, and Executive Officer Kristin Sicke, discussed logistical issues related to YSGA administration and the implementation of the Groundwater Sustainability Plan (GSP). The Committee discussed recent developments and potential changes to the well permitting process including the possibility of a well drilling moratorium imposed by the Board of Supervisors, progress made on defining areas of special concern within the subbasin, outreach strategies for the upcoming YSGA fee study, and future grant funding opportunities.

As follow-up to the June 19, 2023 Board meeting, the YSGA *Ad Hoc Drought Contingency Planning Committee* met on July 26 and August 23, 2023 to review progress made by YSGA staff and West Yost to map the Areas of Special Concern. The YSGA *Ad Hoc Drought Contingency Planning Committee* has scheduled a meeting on September 28, 2023 to discuss the updated draft Areas of Special Concern map. Additionally, YSGA staff participated in the Yolo County Board of Supervisors meetings on July 11 and September 12 to present on groundwater conditions and an update on the YSGA's procedures for written verification letters to the County's Environmental Health Division.

YSGA staff continue to coordinate with stakeholders and to schedule and participate in community meetings for ensuring successful outreach during GSP implementation. Staff also continue to communicate with Solano Subbasin GSA, N. American Subbasin, Sutter Subbasin, and Colusa Groundwater Authority on data/information sharing and project opportunities, as well as other GSAs and Counties on their well permitting activities.

The Yolo Groundwater website <http://yologroundwater.org> was updated as needed. A calendar of current events is posted to the website.

Program Implementation

- GSP Public Outreach
 - Ongoing correspondence with concerned stakeholders, well drillers, and well applicants to answer questions about SGMA and the revised well permitting process.
- Projects and Management Actions
 - Coordinated with Yolo County in the well permitting process in accordance with Executive Order N-7-22
 - Received approved well permits and reviewed pending well permits from Yolo County's Environmental Health Division
 - Worked with Consero Solutions to develop a [Grant Strategy for Fiscal Years 2023 – 2026](#) (the final document is included as an attachment to this Executive Officer Report)
 - Worked with SEI to refine scope of work for modeling efforts under the SGMA Implementation Grant and develop application for WaterSMART Applied Science Grant
- Data Management/Website Updates
 - Worked with Dunnigan Water District to digitize historical water level readings for 24 wells, assign state well numbers, and add the records to the WRID
- Monitoring Network
 - Continued to provide water level readings for domestic well owners
 - Continued implementation of citizen science program for individual well monitoring
 - Met with scientists from TNC to discuss improvements to the monitoring network for groundwater dependent ecosystems and interconnected surface water
- Areas of Special Concern
 - Requested consultant services to assist with the hydrogeologic analyses for evaluating native yield and determining impact of changes in land use and hydrology
 - Participated in various meetings with West Yost to review the process for developing the draft map of the Areas of Special Concern
 - Developing work plan with [DIG IN](#) to assist with Hungry Hollow Area outreach and communication using the [facilitation support services from DWR](#)
- Drought Response
 - Worked with Yolo County OES to continue coordinated water delivery to households with dry wells

Program Outreach

Staff participated in a number of meetings/workshops/discussions related to SGMA and groundwater recharge and protection, which include the following:

1. Participated in Meetings with Supervisor Provenza to Discuss Groundwater (June 26 and July 7; Sicke and Sabatini)
2. Participated in Coordination Meeting with Solano, Napa, Lake, and Mendocino County GSAs (June 29)
3. Provided Water Conditions Update to Woodland Chamber of Commerce Meeting (July 5; Sicke)
4. Participated in Coordination Meetings with Yolo County Farm Bureau (July 5 and September 8; Directors Sagara and Smith; Sicke)
5. Participated in the Yolo County Board of Supervisors Meetings (July 11 and September 12; Sicke)
6. Represented Yolo County in Westside Sacramento IRWM Coordinating Committee Meetings (July 12 and September 13; Leicht)

7. Participated in Steering Committee Meetings with Yolo RCD, Center for Land-Based Learning, CAFF, and Bright Coast Productions for the Farming for Our Future video series (July 13, July 27, August 10; Leicht and Fisher)
8. Hosted YSGA Executive Committee Meetings (July 24 and August 21; Directors Balasek, Schaad, and Smith; Sicke, Leicht, Fisher, and Sabatini)
9. Meeting with The Nature Conservancy to explore methodology to improve monitoring of groundwater dependent ecosystems and interconnected surface water (July 25 and August 22; Sicke, Leicht, and Fisher)
10. Hosted YSGA Ad Hoc Drought Contingency Planning Committee (July 26 and August 23; Committee members; Sicke, Leicht, Fisher, and Sabatini)
11. Met with SWRCB to discuss SAFER grant funding opportunities (July 26; Fisher)
12. Met with California OES to discuss FEMA Nature-Based Solutions funding opportunities (July 27; Sicke)
13. Meeting with Annie Main to Discuss Concerns with New Agricultural Wells in Hungry Hollow Area (August 1; Sicke)
14. Participated in Groundwater Accounting & Data Reporting Pilot meetings (August 1, August 17, September 14; Sicke, Leicht, Fisher)
15. Participated in Collaboration Meeting with Sacramento County GSA (August 3; Sicke)
16. Participated in Coordination Meetings with Yolo County Staff to Discuss Well Permitting (August 4, 11, 18, 25, and September 1, 6, and 8; Sicke)
17. Participated in a tour of 2-stage ditches with USDA-NRCS (August 4; Leicht and Fisher)
18. Participated in Yolo County Cattlemen’s Association Annual Meeting (August 24; Sicke)
19. Participated in Interbasin Coordination Meeting with North American Subbasin GSAs (August 28; Sicke)
20. YSGA staff and West Yost met with County staff and LSCE to communicate progress made on defining areas of special concern (August 31; Sicke, Leicht, and Fisher)
21. Met with City of Woodland to discuss potential funding opportunities for the city’s ASR well project through the USBR WaterSMART program (September 5; Sicke, Leicht, and Fisher)
22. Presented at the California Water Data Collaborative Summit (September 7; Sicke)
23. Participated in NCWA Groundwater Management Task Force Meeting (September 11; Sicke)
24. Participated in Westside Sacramento IRWM Coordinating Committee Meeting (September 13; Leicht and Fisher)

Other Items of Note

On Tuesday, September 12, the [Department of Water Resources announced final grant awards for the SGMA Implementation Grant Program](#) and the YSGA was successful in securing \$7.917M for completing the components from the YSGA’s December 2022 Grant Proposal:

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: YFCF&WCD Winter Water Recharge Program	\$2,600,000
Total:	\$7,916,875

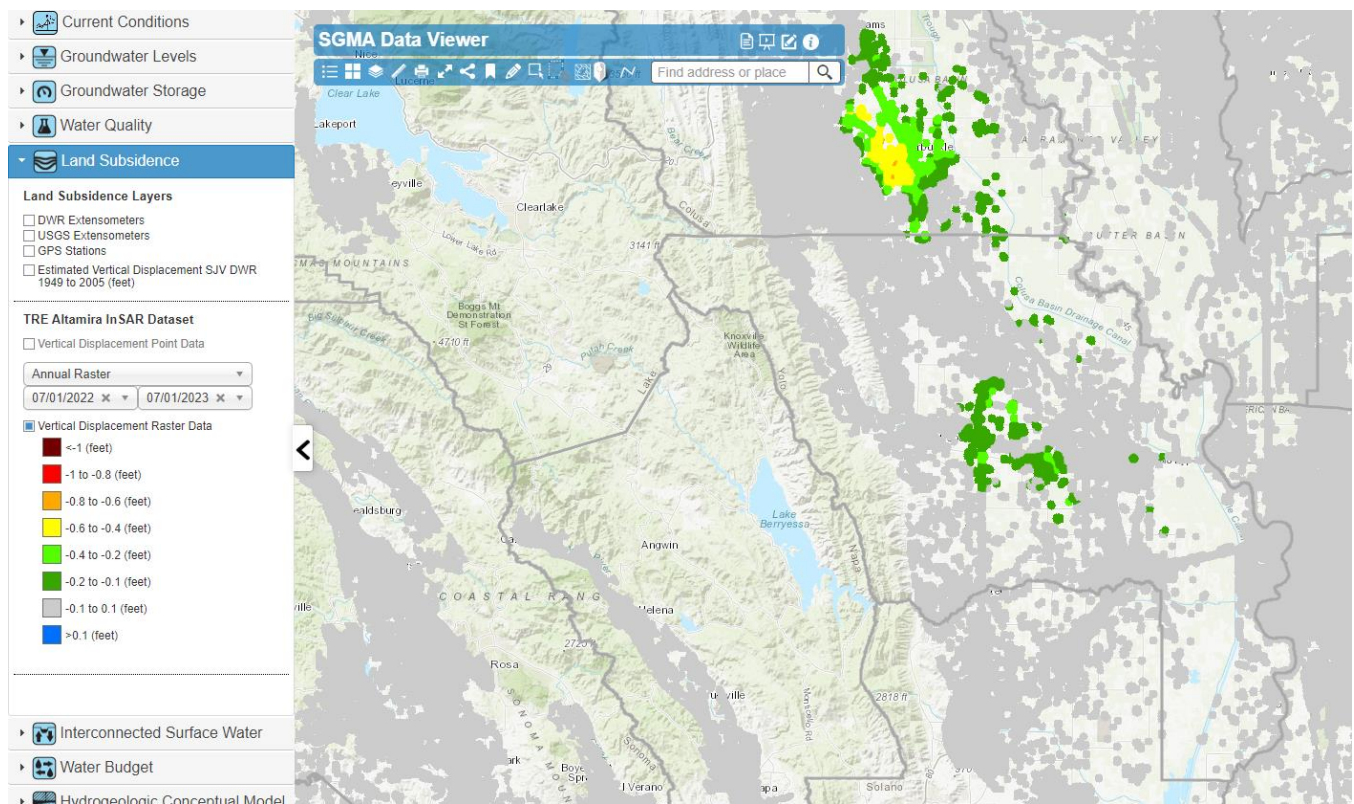
[Senate Bill 122](#), the Public Resources Trailer Bill, was approved by the Governor on July 10, 2023, which is a trailer bill for implementing the FY 2023/2024 budget. SB 122 includes language related to considering aquifers as “natural infrastructure”, you can read more on the Water Education Foundation’s Western Water Notebook webpage at the following link: https://www.watereducation.org/western-water/new-california-law-bolsters-groundwater-recharge-strategic-defense-against-climate?utm_campaign&utm_medium=email&utm_source=bundle_and_blast&mc_cid=5f8c5dee7d

[Dunnigan Water District’s March 24, 2023 Press Conference visit](#) is still in the news: Sacramento Bee’s *Enough Water for 11 Million Households Went into California Aquifers this Year. Why it’s only a start!*

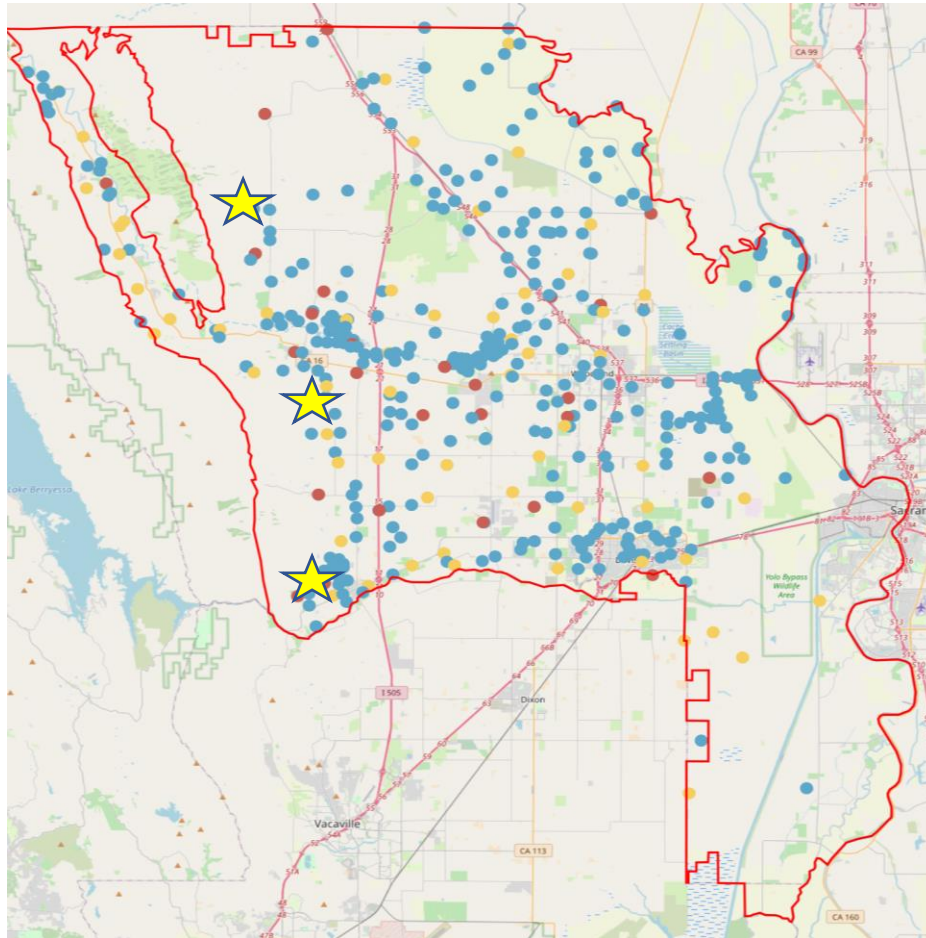
Read more at the following link:

<https://www.sacbee.com/news/politics-government/capitol-alert/article277208388.html>

DWR released the July 2023 InSAR Land Subsidence Data on [SGMA Data Viewer](#), which is also provided as a screenshot below. YSGA staff are working through the schedule for a 2024 GPS ground-based survey for the Yolo Subbasin (included in Component 2 of the SGMA Implementation grant funding award).



The three multi-completion monitoring wells requested through DWR's Technical Support Services have been drilled along the western side of the Subbasin. The wells have a total of 11 completions at different depths between them. Staff are working with DWR to procure real-time monitoring equipment and expect to have the wells online (at sgma.yologroundwater.org) by the end of the year.



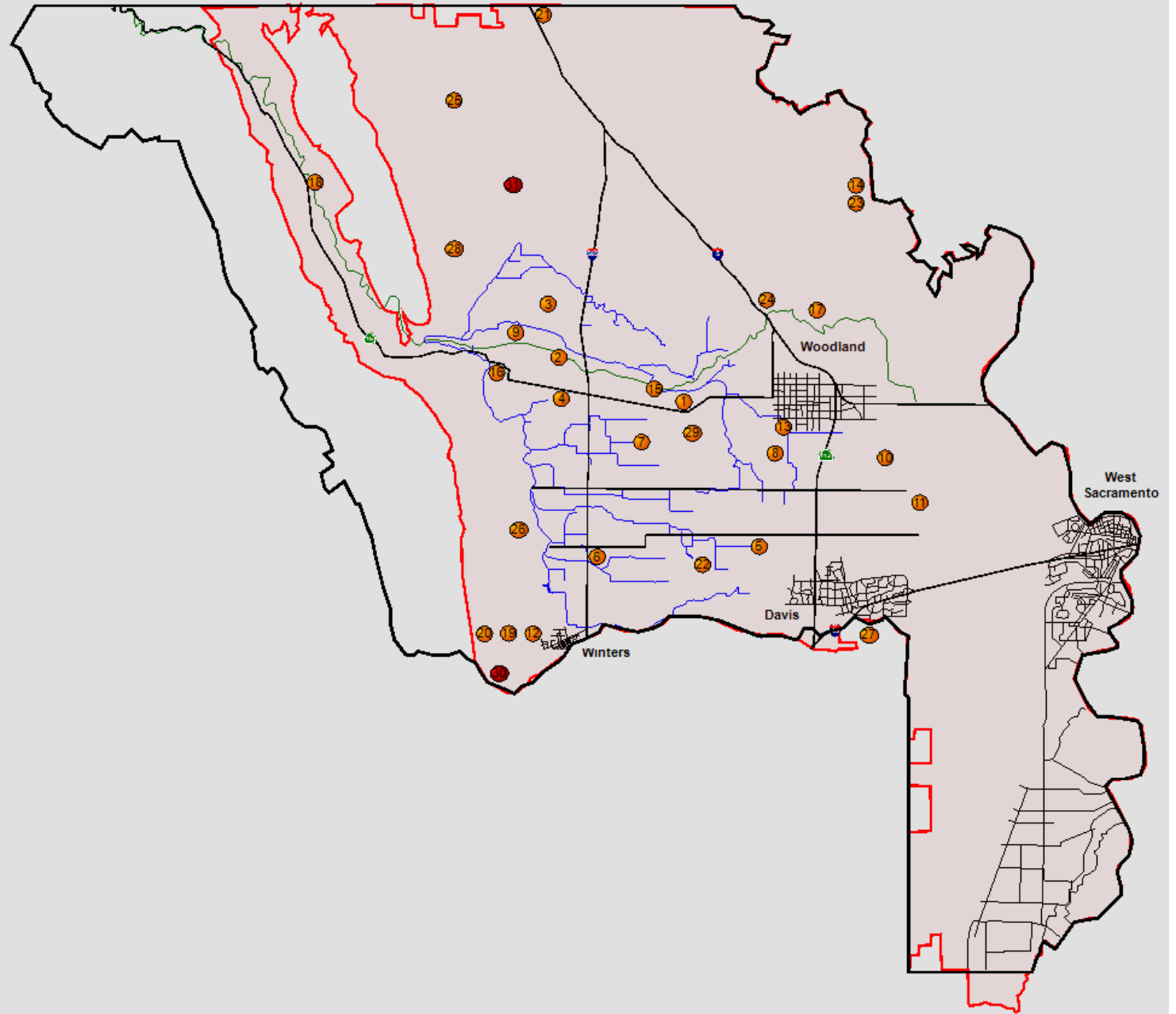
Current Groundwater Conditions

Groundwater levels are beginning to level out as this year's irrigation season comes to a close. When compared to last year's elevations (as shown on the historical depth to water table below), this September's water levels are on average 26 feet higher. When compared to 2015 elevations, this September's groundwater levels are on average 16 feet higher.

Included below are the following graphics that illustrate the current groundwater conditions and monitoring efforts.

1. A location map of the 29 real-time monitoring locations currently operating in the Yolo Subbasin (Wells 30 and 31 are continuous datalogger sites).
2. A table showing historical groundwater elevations on a specific date (September 14, 2023 in this example).
3. A tiled hydrograph of the real-time monitoring wells illustrating depth to water for September 12, 2022 to September 12, 2023.
4. The spring 2023 hydrograph of average groundwater levels based on 62 monitored wells throughout the Yolo Subbasin (the Representative Monitoring Wells). These measurements are normally taken twice annually, once in the spring when groundwater levels are at their highest and again in the fall when groundwater levels are at their lowest. Fall measurements will be completed September 18-22, 2023 with an updated hydrograph expected to be posted to sgma.yologroundwater.org by the first week of October 2023.

Well Monitoring
Continuous



Well Monitoring

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

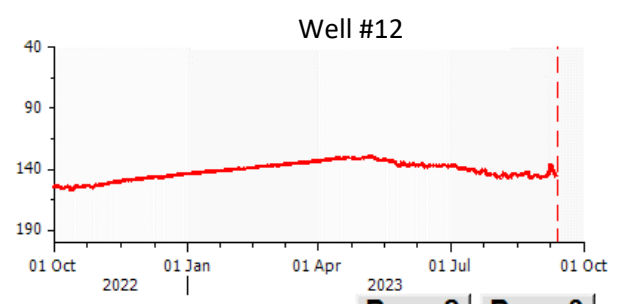
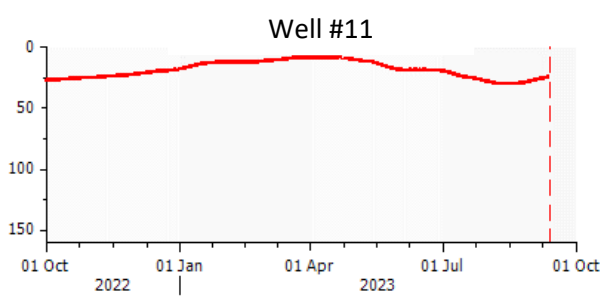
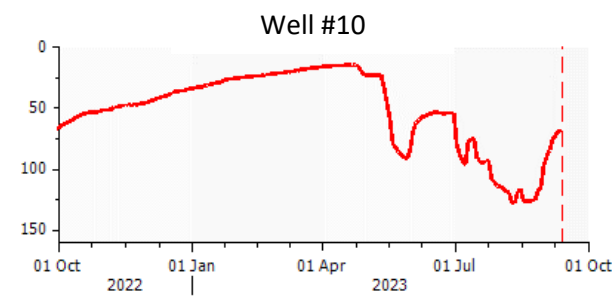
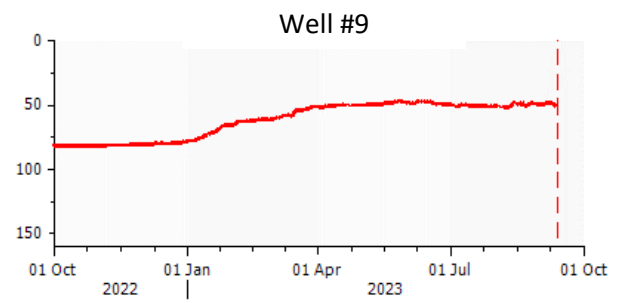
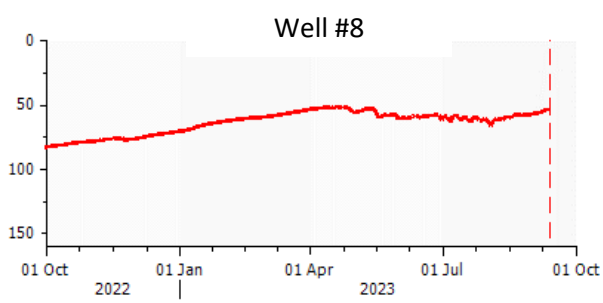
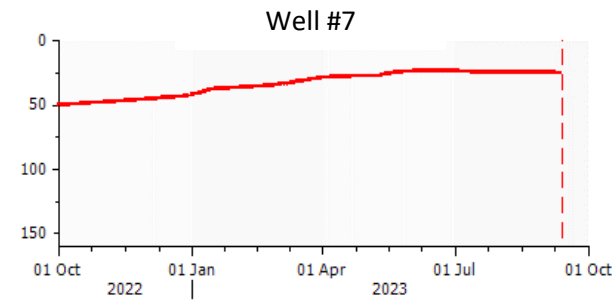
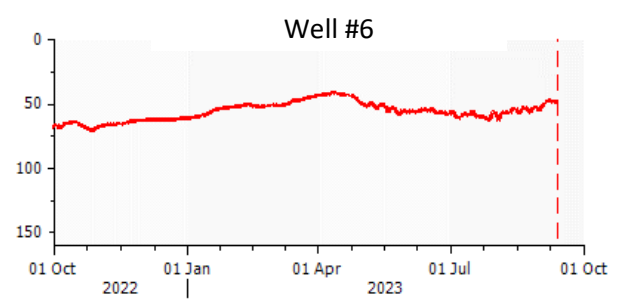
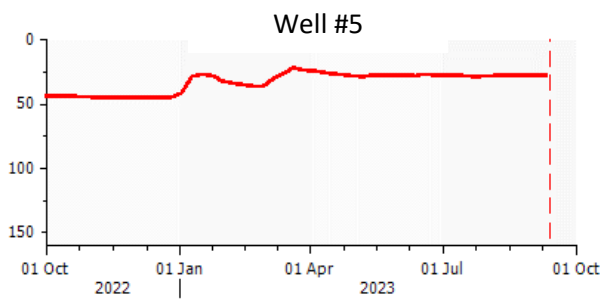
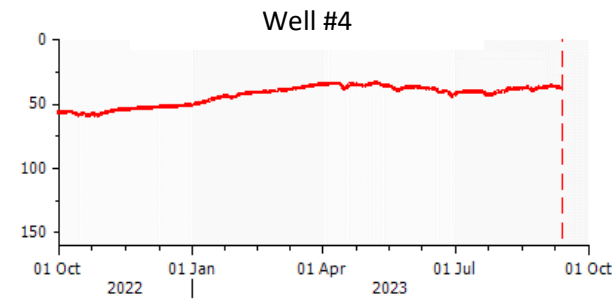
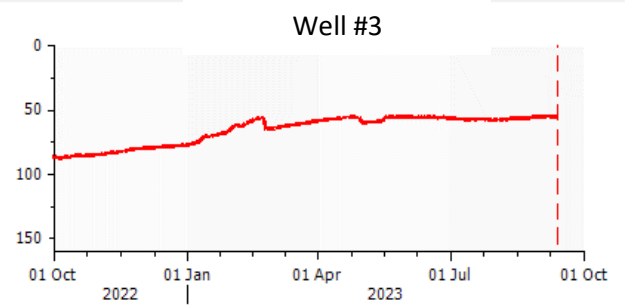
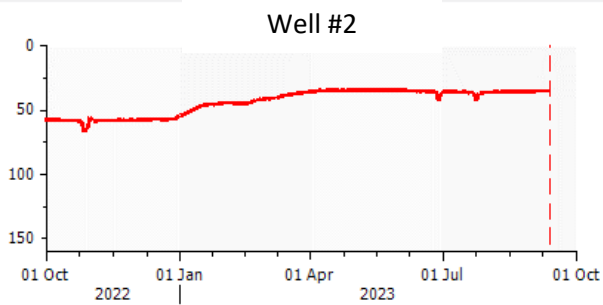
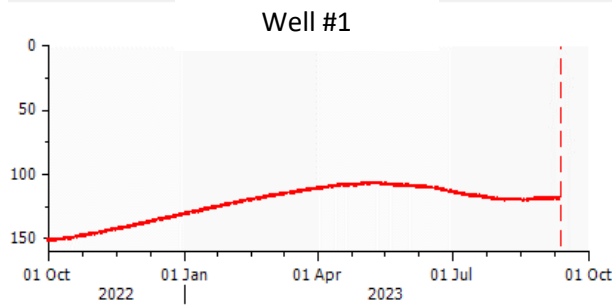
SCADA Links

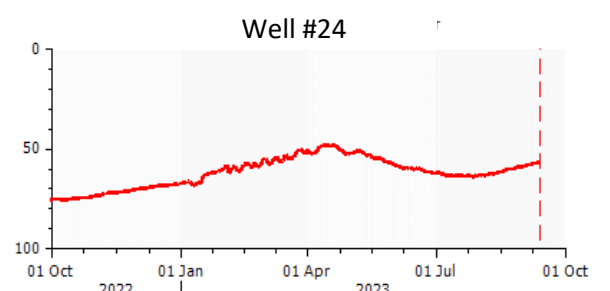
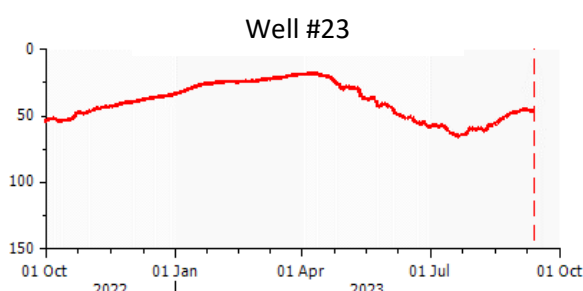
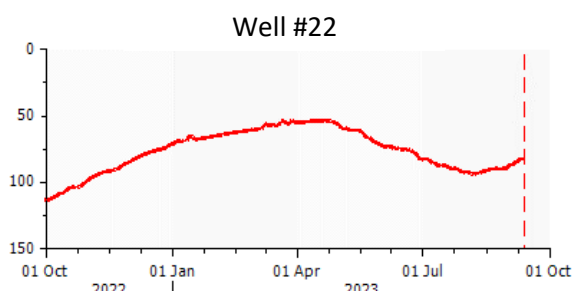
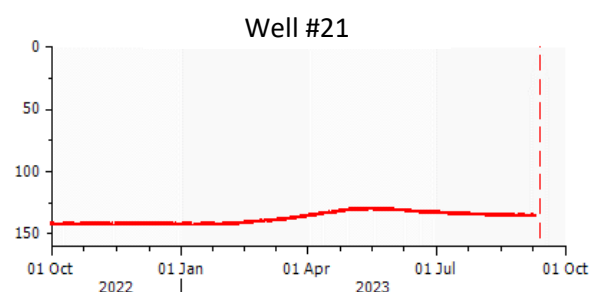
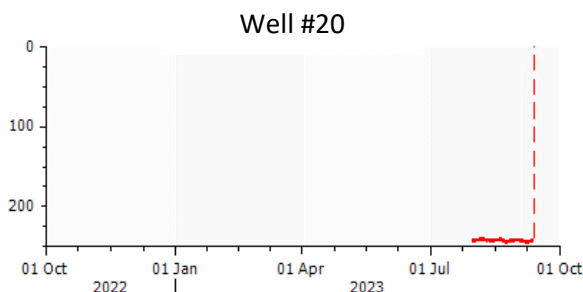
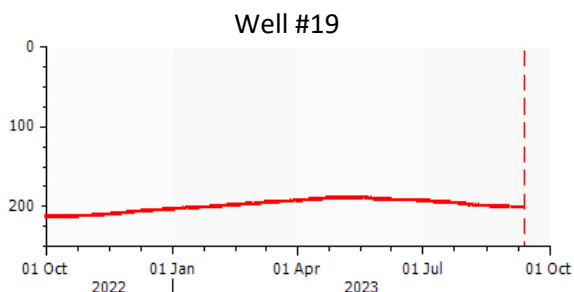
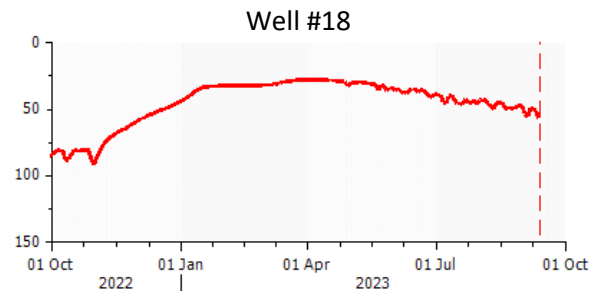
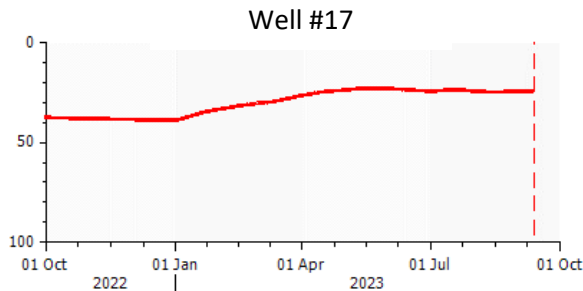
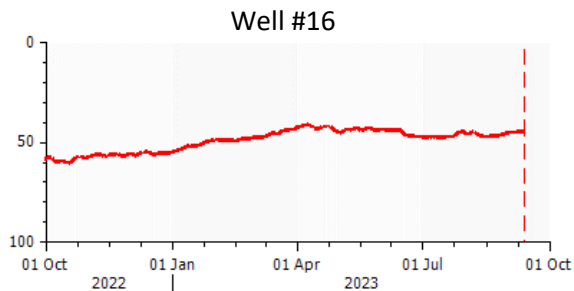
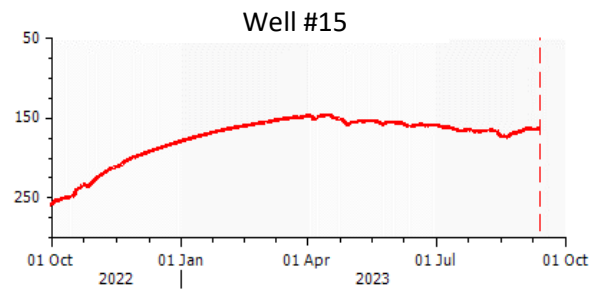
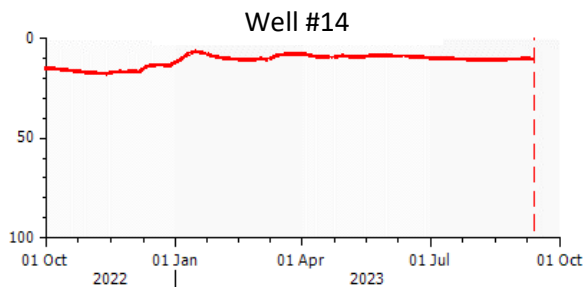
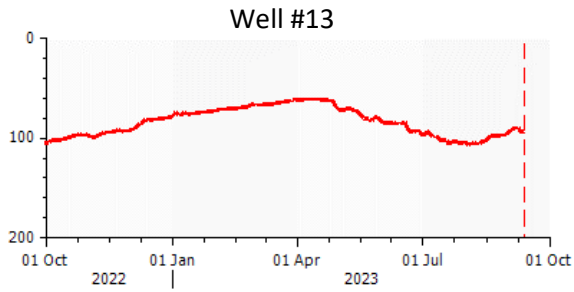
Well Map

Select Date

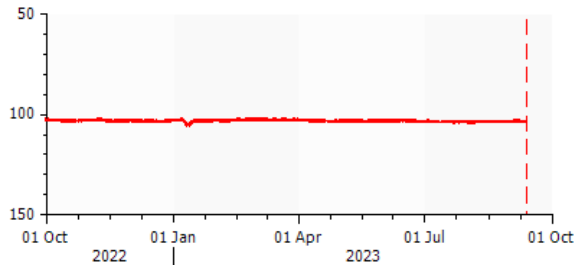
09/14

Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Δ 2022 - 2023	Δ 2015 - 2023
1.	97.0	94.9	99.1	108.3	131.8	134.3	122.3	110.4	112.7	106.6	114.4	148.5	153.7	118.5	35.2	15.8
2.	35.8	46.2	50.7	38.2	53.3	52.8	50.3	30.9	33.7	30.4	31.8	44.8	57.3	35.1	22.1	17.7
3.	48.1	39.6	45.7	52.4	82.9	76.5	61.6	40.3	44.7	38.8	43.4	74.0	89.5	54.9	34.6	21.6
4.		33.2	35.3	44.1	53.0	52.2	47.5	30.9	32.1	31.1	34.3	54.2	71.2	41.9	29.3	10.3
5.		17.2	19.7	22.2	34.9	35.9	35.7	23.7	25.4	18.5	22.3	36.9	43.3	27.0	16.3	8.9
6.			37.4	42.0	75.0	67.4	49.9	35.7	41.3	33.7	36.2	66.8	80.2	49.4	30.9	18.1
7.				43.1	43.1	50.2	27.1	20.7	21.9	19.0	24.6	48.2	50.5	24.6	25.9	25.6
8.				62.5	82.7	80.4	78.4	57.3	63.1	50.1	57.4	83.0	89.1	65.7	23.4	14.7
9.					77.4	72.9	59.4	41.4	45.3	41.5	43.2	68.4	81.1	51.0	30.1	21.9
10.					86.1	81.4	79.3	45.6	68.8	49.3	74.0	88.6	96.5	65.5	31.0	16.0
11.					31.3	26.2	27.0	16.6	23.6	17.2	24.2	29.0	30.2	23.8	6.4	2.5
12.										123.6	133.2	149.9	160.6	146.7	13.9	
13.									93.0	80.8	91.0	122.8	122.3	93.9	28.4	
14.									11.3	10.8	10.8	13.1	16.0	10.5	5.5	
15s.									41.9	36.6	46.2	50.5	49.1	38.5	10.6	
15d.									163.8	145.5	161.4	245.2	271.9	162.8	109.1	
16.									41.9	37.9	40.5	49.3	60.2	44.4	15.9	
17.										21.0	24.6	34.0	37.2	24.4	12.8	
18.										64.0	86.6	126.3	123.3	51.4	71.9	
19.										179.5	186.6	201.7	211.9	200.5	11.4	
20.														242.7		
21.											128.3	138.7	142.0	135.0	7.0	
22.												111.2	124.0	81.2	42.8	
23.												80.7	69.5	51.7	17.8	
24.													80.2	57.0	23.3	
25.													102.5	103.5		
26.													128.1	93.5		
27.													81.0	75.4		
28.														160.2		
29.														95.0		

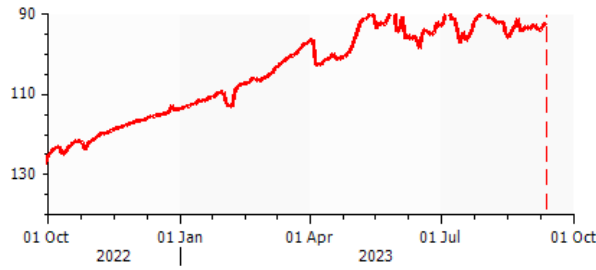




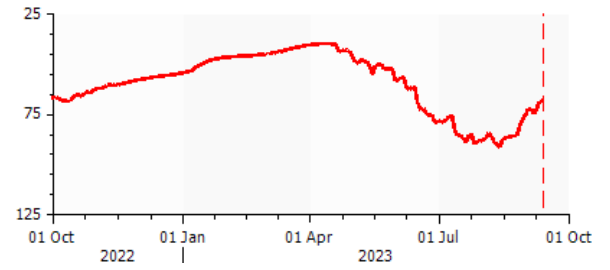
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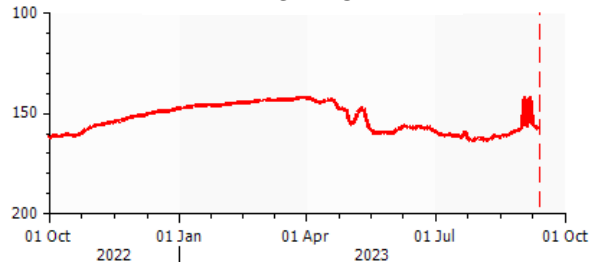
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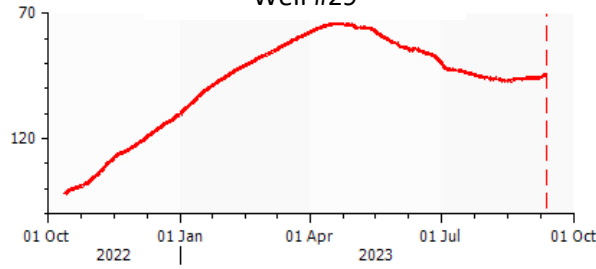
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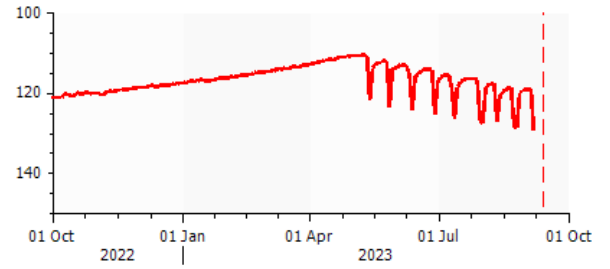
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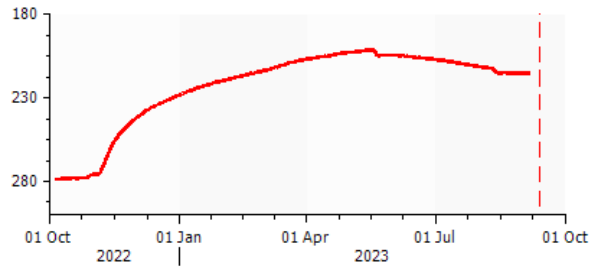
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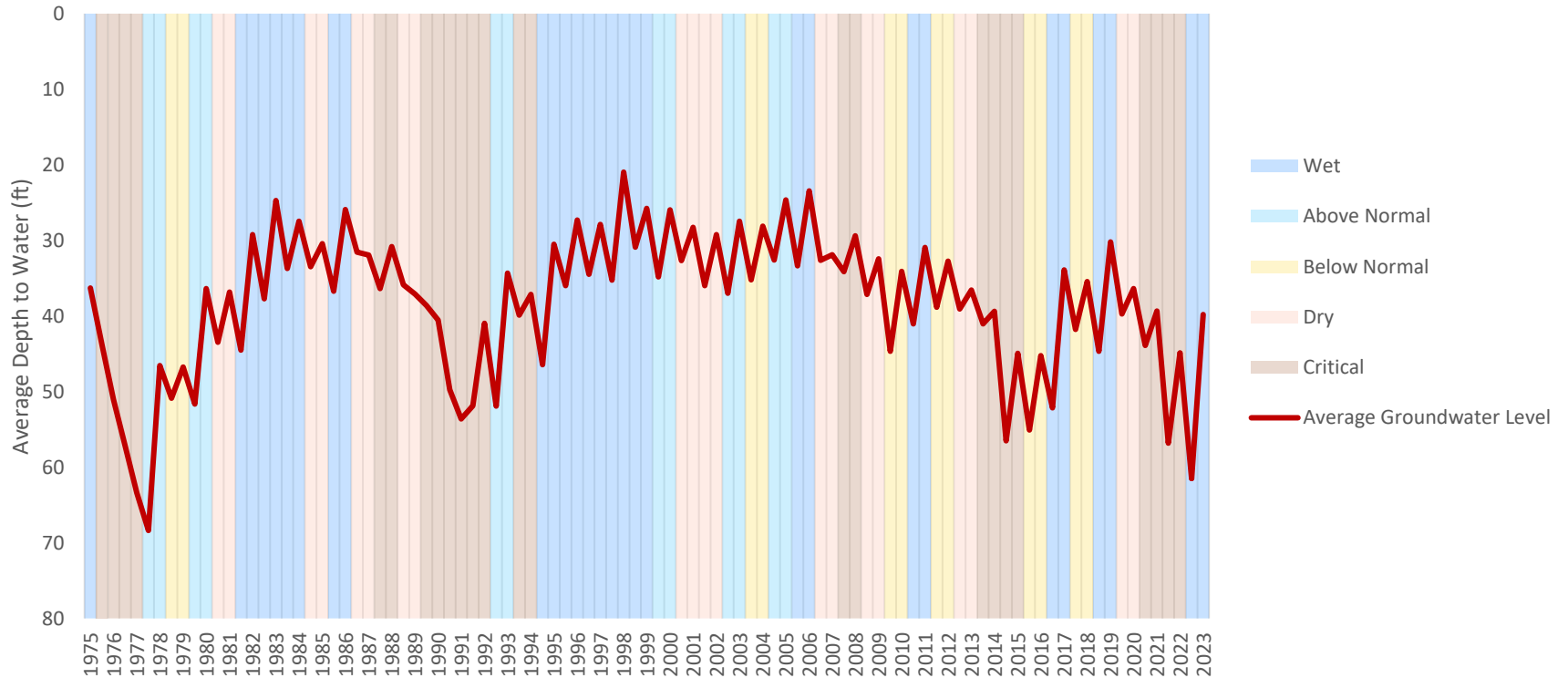
Well #30



Well #31



Yolo Subbasin Average Groundwater Representative Wells - Depth by Season (62 Wells)



Mid-March 2021 Average Depth to Water ~ 39 feet
 Mid-August 2021 Average Depth to Water ~ 57 feet
 Early March 2022 Average Depth to Water ~ 45 feet
 September 2022 Average Depth to Water ~62 feet
 April 2023 Average Depth to Water ~ 40 feet

Of Note:

1977-78 Recovery from Fall to Spring ~21 feet
 2016-17 Recovery from Fall to Spring ~ 18 feet
 2022-23 Recovery from Fall to Spring ~22 feet

Executive Order N-7-22 Well Permitting Update

Pursuant to paragraph 9 of [Executive Order N-7-22](#) and [Executive Order N-3-23](#), YSGA must review certain well permit applications covered by the Executive Orders, and provide written verification to the County's Environmental Health Division that the proposed well application is consistent with the Yolo Subbasin GSP before the County may issue a permit. The YSGA Board of Directors held two special Board meetings on April 6 and May 6, 2022 to consider the process for developing the YSGA's Well Permitting Procedures. At the special May 6 Board meeting, the Board adopted [Resolution No. 22-01](#) to direct staff to complete the process of developing, adopting, and implementing procedures for complying with the Executive Order.

YSGA staff has continued to work with Yolo County's Environmental Health (YCEH) Division and assisted in the development of a questionnaire form requesting additional data and information from the permit applicant to ensure appropriate evaluation consistent paragraph 9 requirements. YSGA staff reviewed YCEH's draft Technical Memorandum for implementing a temporary agricultural well permitting procedure that considers the appropriate setbacks to ensure nearby wells are not impacted. The final YCEH Technical Memorandum was released on December 14, 2022 and can be reviewed [here](#).

As of September 15, 2023 and since April 1, 2022:

- 70 well permit applications have been transferred from YCEH for YSGA written verification
- 3 applications were revised to Domestic Wells
- 1 well permit application was technically located in the Solano Subbasin (outside of the Yolo Subbasin, but in the County boundaries)
- Of the 66 relevant well permit applications
 - ✓ 21 replacement well permits have received YSGA written verification
 - 1 replacement well was then revised to a new well and re-introduced into the queue
 - ✓ 28 new well permit applications have received YSGA written verification
 - ✓ 17 new well permit applications are currently in the queue
 - 7 applications pending receipt of a completed questionnaire from the applicant
 - 10 applicants submitted completed questionnaires and are currently under review



Yolo Subbasin Groundwater Agency GRANT STRATEGY 2023-2026

PREPARED BY:

CONSERO SOLUTIONS

YSGA Board of Directors
Agenda September 18, 2023



Yolo Subbasin Groundwater Agency

GRANT STRATEGY OVERVIEW

The Yolo Subbasin Groundwater Agency (YSGA) three-year grant strategy matches eight grant opportunities to nine priority projects consistent with the Yolo Subbasin Groundwater Agency Groundwater Sustainability Plan (GSP).

The YSGA Grant Strategy allows YSGA to 1) take advantage of state and federal funding for water-related projects; 2) conserve staff resources by helping YSGA apply only to grants for which YSGA projects are competitive; 3) plan ahead for funding opportunities, including starting the process of developing a competitive project well in advance of funding deadlines; and 4) gain awareness of which programs offer multiple funding rounds to inform application timing. The strategy covers the following nine projects:

Project	Lead Agency
Yolo Subbasin Groundwater Sustainability Planning & Implementation Project	Yolo Subbasin Groundwater Agency
Yolo-Zamora Groundwater Recharge Pilot Project	Yolo County Flood Control & Water Conservation District
Dunnigan Area Recharge Program	Dunnigan Water District
City of Winters Wastewater Treatment Facility Feasibility Study	City of Winters
City of Winters Supplemental Surface Water Feasibility Study	City of Winters
Oat Creek / Zamora Groundwater Recharge Pilot Project	Yolo County Flood Control & Water Conservation District
Winter Water Recharge Program	Yolo County Flood Control & Water Conservation District
Woodland Aquifer Storage & Recovery Well Project	City of Woodland
Woodland Recycled Water Utility Expansion Project	City of Woodland

To create this three-year strategy, staff researched dozens of regional, state, and federal funding opportunities, ultimately narrowing to seven grant programs for which YSGA will apply over three years. The grant strategy is dynamic—it is expected that some projects and funding program details may change as new priorities and grant opportunities emerge. YSGA staff will update the plan as frequently as needed to reflect new and relevant information as it becomes available.



Yolo Subbasin Groundwater Agency

GRANT STRATEGY SUMMARY

The following is a summary of all grant programs for which the YSGA should consider applying in 2023-2026. The table below serves as a quick reference guide of each grant program organized by deadline, in addition to their associated projects.

Deadline	Grant Program	Project
August 29, 2023	ICARP Office of Planning and Research – Regional Resilience Planning Grant Program	Yolo Subbasin Groundwater Sustainability Plan Implementation
October 31, 2023	US Bureau of Reclamation – WaterSMART Drought Resiliency Projects Grant	Woodland Aquifer Storage & Recovery Well Project
2023/24	State Water Resources Control Board – Water Recycling Funding Program	Woodland Recycled Water Utility Expansion Project
2023/24	State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2023/24	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2023/24	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Wastewater Treatment Facility Feasibility Study
2023/24	State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) - Implementation	City of Winters Supplemental Surface Water Feasibility Study
2024	ICARP Office of Planning and Research – Regional Resilience Planning Grant Program	Yolo Subbasin Groundwater Sustainability Plan Implementation
2024/25	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Wastewater Treatment Facility Feasibility Study
2024/25	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Supplemental Surface Water Feasibility Study

2024/25	State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2024/25	State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2024/25	State Water Resources Control Board – Water Recycling Funding Program	Woodland Recycled Water Utility Expansion Project
2025/26	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Wastewater Treatment Facility Feasibility Study
2025/26	State Water Resources Control Board – Water Recycling Funding Program – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2025/26	State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2025/26	State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) – Implementation	City of Winters Supplemental Surface Water Feasibility Study
2025/26	State Water Resources Control Board – Water Recycling Funding Program	Woodland Recycled Water Utility Expansion Project
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	Yolo-Zamora Groundwater Recharge Pilot Project
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	Yolo Subbasin Groundwater Sustainability Plan Implementation
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	Dunnigan Area Recharge Program
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	City of Winters Wastewater Treatment Facility Feasibility Study
2025/26	Department of Water Resources – Integrated Regional Water Management	Oat Creek / Zamora Groundwater Recharge Pilot Project

	Grant Programs (if funded through proposed CA Natural Resources Bond)	
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	City of Winters Supplemental Surface Water Feasibility Study
2025/26	Department of Water Resources – Sustainable Groundwater Management Act (if funded through proposed CA Natural Resources Bond)	Oat Creek / Zamora Groundwater Recharge Pilot Project
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	YCFC & WCD Winter Water Recharge Program
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	Woodland Aquifer Storage & Recovery Well Project
2025/26	Department of Water Resources – Sustainable Groundwater Management Act (if funded through proposed CA Natural Resources Bond)	Woodland Aquifer Storage & Recovery Well Project
2025/26	Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)	Woodland Recycled Water Utility Expansion Project
2025/26	Department of Water Resources – Sustainable Groundwater Management Act (if funded through proposed CA Natural Resources Bond)	Woodland Recycled Water Utility Expansion Project

Yolo Subbasin Groundwater Sustainability Plan Implementation

The YSGA developed the Yolo Subbasin Groundwater Sustainability Plan (GSP) to 1) achieve sustainable groundwater management in the Yolo Subbasin by maintaining or enhancing groundwater quantity, 2) maintain sustainable groundwater use through continued implementation of a monitoring and reporting program, and 3) maintain sustainable operations over the planning and implementation horizon. This project proposes the following tasks related to improving the Yolo Subbasin GSP:

- 1) Development of GSP Annual Reports, GSP updates based on comments from the Department of Water Resources (DWR), and a fee study for long-term financing of the YSGA;
- 2) Groundwater model enhancements;
- 3) Development and implementation of an approach to refine interconnected surface water sustainable management criteria;
- 4) GPS subsidence surveys;
- 5) Development of a Hungry Hollow Area Projects and Management Actions White Paper; and
- 6) Monitoring network enhancements to address data gaps.

This project aims to continuously improve both the Yolo Subbasin GSP in anticipation of the 2027 GSP Update, as well improve the models and data on which the YSGA bases project and management actions consistent with the plan. The entire Yolo Subbasin will be served by this project, with focused benefits to the Hungry Hollow Area, which is an “Area of Special Concern.” The whole of the Yolo Subbasin is considered an underrepresented community; approximately 18% includes Severely Disadvantaged Communities and 42% is covered by Disadvantaged Communities.

DWR’s Sustainable Groundwater Management Implementation Grant Program awarded funding to this project in 2023 for about three years. YSGA will continue to evaluate funding needs as the project progresses. Additional opportunities are listed below for FY 2023-24, 2024-25, and 2025-26, if needed.

- ICARP Office of Planning and Research – Regional Resilience Planning Grant Program
 - Application deadline: August 29, 2023

- ICARP Office of Planning and Research – Regional Resilience Planning Grant Program
 - Application deadline: TBD

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

Yolo-Zamora Groundwater Recharge Pilot Project

The Yolo-Zamora Groundwater Recharge Pilot Project involves YSGA and the Yolo County Flood Control and Water Conservation District (District) partnering with local landowners in the Yolo-Zamora area of Yolo County to improve China Slough and convey excess storm flows through the Slough to achieve multiple benefits, including increasing groundwater recharge, alleviating land subsidence, alleviating groundwater level declines, increasing groundwater storage, capturing canal system losses, and reducing potential flood risk. This project includes implementing a pilot project, feasibility study, design and engineering, canal system improvements, and permitting associated with the diversion of up to 2,000 acre-feet per year of excess Cache Creek storm flows from the Capay Dam conveyed through the District's West Adams Canal system to China Slough and on-farm groundwater recharge sites.

To prepare for conveying and monitoring excess storm flows, the District is upgrading the East Adams and Acacia Canals, part of the West Adams Canal mainstem, to: 1) increase canal capacity, 2) optimize conjunctive use management by reusing drain water and conserving spill or losses out of the canal system, and 3) facilitate groundwater recharge opportunities in the Yolo Subbasin. Canal upgrades include: 1) adding three new culverts and enlarging existing culverts, 2) installing three new check structures, and 3) installing five new automated canal gates. This project will measure the flow of recharge water through the canals and China Slough and manage recharge projects on farmers' fields.

This project will directly benefit the rural areas north of Cache Creek and the Yolo-Zamora area, a Disadvantaged Community that relies exclusively on groundwater and has approximately 88 domestic wells. In addition, the project area overlies the Plainfield Ridge, which is a YSGA "Area of Special Concern" during drought years when declining groundwater levels lead to an increase in dry domestic wells.

The Sustainable Groundwater Management Implementation Grant Program awarded funding to this project in 2023 for about three years. YSGA will continue to evaluate funding needs as the project progresses. An additional opportunity is listed below for FY 2025-26, if needed.

- None

- None

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

Dunnigan Area Recharge Program

The Dunnigan Area Recharge Program is a partnership between YSGA and the Dunnigan Water District (District) to recharge up to 5,000 acre-feet of groundwater per year consistent with the Yolo Subbasin GSP and provide shorebird habitat on private land within the District's service area. This project includes: 1) installing gauges on Buckeye and Dunnigan Creeks to monitor diversions, 2) executing three landowner agreements to flood up to 500 acres of fields after harvest for three years to allow groundwater recharge, and 3) creating 500 acres of winter shorebird habitat every year for three years by flooding farm fields after harvest. The District will work with The Nature Conservancy (a nonprofit organization providing time and expertise funded by other sources) to identify optimal fields for both groundwater recharge and shorebird habitat. The District has successfully completed a pilot project that flooded a fallowed field with 300 acre-feet to facilitate groundwater recharge and create shorebird habitat in this area. The District will provide the water for this project, the cost of which is not part of this project.

This project will provide water for the Disadvantaged Community of Dunnigan, an unincorporated community in Yolo County of approximately 1,400 people and 164 domestic wells that is entirely reliant on groundwater for drinking water.

The Sustainable Groundwater Management Implementation Grant Program awarded funding to this project in 2023 for about three years. YSGA will continue to evaluate funding needs as the project progresses. An additional opportunity is listed for FY 2025-26, if needed.

- None

- None

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

City of Winters Wastewater Treatment Facility Feasibility Study

This project proposes a study to assess the feasibility of upgrading the Wastewater Treatment Facility in the City of Winters (City) to recycle domestic wastewater for either municipal/residential non-potable irrigation or to sell to nearby growers for agricultural uses, thereby reducing groundwater pumping. The City, which is entirely dependent on groundwater, has been experiencing long-term declining groundwater levels in the City's public supply wells and in nearby private domestic wells, necessitating the development of alternative water supplies. The City's population of 7,305 includes residents living in a Disadvantaged Community and a Severely Disadvantaged Community.

In November 2021, the City completed a study of historical groundwater levels, historical and projected groundwater demands, and groundwater budgets and sustainability. The study demonstrated that between 2001 and 2020, groundwater generally declined in the City's five production wells, averaging between one and three feet per year, with groundwater levels in three of the five wells reaching historic low levels in September 2021. Recent population growth in the City is driving increased demand, which reached about 450 million gallons (1,380 acre-feet) per year in 2020 and is expected to increase by 330 acre-feet per year through 2029.

DWR's Sustainable Groundwater Management Implementation Grant Program awarded funding in 2023 to conduct this feasibility study. City of Winters will complete the feasibility study by the end of 2024 and apply for implementation funding in the first half of 2025. Potential implementation funding opportunities are listed below.

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application
- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

City of Winters Supplemental Surface Water Feasibility Study

This project proposes a supplemental surface water feasibility study for the City of Winters (City), a Yolo County town of 7,305 that includes a Disadvantaged Community and a Severely Disadvantaged Community. The City, which is entirely dependent on groundwater, has been experiencing long-term declining groundwater levels in the City's public supply wells and in nearby private domestic wells, necessitating the development of alternative water supplies. This feasibility study would assess the development of a supplemental surface water supply source to augment declining groundwater supplies for the City.

Through this project, the City would evaluate three potential surface water supply sources: 1) Putah Creek; 2) Cache Creek; and 3) the Sacramento River. For each potential source, the City would evaluate the legal, institutional, and engineering feasibility of diverting, conveying, treating, and distributing surface water within the City. This would include preparation of a Water Availability Analysis for each source to assess the likelihood of establishing rights to use the water and to characterize the volumes and timing of water availability.

DWR's Sustainable Groundwater Management Implementation Grant Program awarded funding in 2023 to conduct this feasibility study. City of Winters will complete the feasibility study by the end of 2024 and apply for implementation funding in the first half of 2025. Potential implementation funding opportunities are listed below for consideration.

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application
- State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation
 - Continuous application
- State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) – Implementation
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application
- State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation
 - Continuous application
- State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) – Implementation
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program – Implementation
 - Continuous application
- State Water Resources Control Board – Safe and Affordable Funding for Equity and Resilience Program (SAFER) – Implementation
 - Continuous application
- State Water Resources Control Board – Drinking Water State Revolving Fund Program (Loan) – Implementation
 - Continuous application
- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

Oat Creek / Zamora Groundwater Recharge Pilot Project

The Oat Creek / Zamora Groundwater Recharge Pilot Project will utilize the Yolo County Flood Control and Water Conservation District's (District) temporary diversion permit and canal system to: 1) divert excess winter flows from Cache Creek to recharge up to 596 acre-feet per year of water into in the Dunnigan Hills and North Yolo Management Area within the Yolo Subbasin, including the rural community of Zamora, 2) conduct outreach to landowners, 3) monitor wells to determine the benefits of groundwater recharge, and 4) complete a final report documenting outreach efforts, describing the recharge effort, and providing data on groundwater level monitoring results and project benefits.

Between 2010 and 2020, groundwater levels in this area, which includes 27 domestic wells and a hotel's small water system, fell over 50 feet, resulting in dry wells and reduced yield from groundwater wells. This project will divert Cache Creek water from the District's Hungry Hollow Canal and discharge it into Oat Creek, a six-mile ephemeral stream in northern Yolo County that starts in the coastal foothills and drains east into the Colusa Basin Drain. In February 2022, a private landowner diverted 32 acre-feet of water into Oat Creek, which resulted in over three miles of flows with significant infiltration and demonstrated significant potential for groundwater recharge in the area. This project will help the District determine whether an Oat Creek trickle flow recharge program could be included in the Yolo Subbasin's groundwater recharge initiatives for meeting the goals of the GSP.

This project will benefit the residents in the rural Yolo County area of Dunnigan Hills and the North Yolo Management Area, including the Disadvantaged Community of Zamora, which has 27 drinking water wells and is entirely reliant on groundwater for drinking water.

Applicable funding opportunities are listed below for FY 2023-24 and 2025-26.

- None

- None

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD
- Department of Water Resources – Sustainable Groundwater Management Act (if funded through proposed CA Natural Resources Bond)
 - Application deadline: TBD

YCFC & WCD Winter Water Recharge Program

The Yolo County Flood Control and Water Conservation District (District) is pursuing funding for the Winter Water Recharge Program to: 1) prepare and apply for a long-term winter water right (permit) from the State Water Resources Control Board to divert excess winter flows from Cache Creek (this includes a water availability analysis and CEQA documentation); 2) implement a pilot project for on-farm recharge to properties in the District's service area utilizing the District's temporary permit, focusing on areas that will benefit Disadvantaged Communities and Severely Disadvantaged Communities; and 3) install four automated gates on the District's Hungry Hollow Canal to allow for the safe and efficient conveyance of excess winter flows through the canal system for groundwater recharge expected to realize a benefit up to 10,000 acre-feet annually. This project will help achieve groundwater sustainability in the Yolo Subbasin consistent with the GSP by increasing groundwater recharge in an important region of the District's 200,000-acre service area.

This project will focus on recharging groundwater in areas that benefit Disadvantaged and Severely Disadvantaged Communities in the District's Service Area.

DWR's Sustainable Groundwater Management Implementation Grant Program awarded funding to this project in 2023 for three years. YSGA will continue to evaluate funding needs as the project progresses. An additional opportunity is listed for FY 2025-26, if needed.

- None

- None

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through CA Natural Resources Bond)
 - Application deadline: TBD

Woodland Aquifer Storage & Recovery Well Project

The Woodland Aquifer Storage and Recovery Well Project would add a fourth aquifer storage and recovery (ASR) well to the City of Woodland's (City) drinking water supply system, which would allow the City to store treated Sacramento River water supplied by the Woodland-Davis Clean Water Agency (Agency) in the City's aquifer during the winter when surface water in the Sacramento River is plentiful and municipal demand is lower. The City will also draw from the ASR well for municipal use when surface water is scarce during the summer. In combination with other capital improvement projects, such as recycled water expansion projects, the ASR well will allow the City to provide 100% treated surface water throughout the year and provide resilience against drought. The Agency and the City have amended the surface water right to allow for the storage of up to 5,700 acre-feet per year for an indefinite period of time. The City has completed the environmental permitting and is in the early stages of design.

This project will serve all Woodland residents who receive drinking water from the City's drinking water system, which includes approximately 61,000 people and 17,000 connections, the majority of which are either single-family or multi-family residential properties. Of this population, 20,578 people live in a Disadvantaged Community and 3,329 people live in a Severely Disadvantaged Community.

Applicable funding opportunities are listed below for FY 2023-24, 2024-25, and 2025-26.

- US Bureau of Reclamation – WaterSMART Drought Resiliency Projects Grant
 - Application deadline: October 31, 2023

- None

- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through CA Natural Resources Bond)
 - Application deadline: TBD
- Department of Water Resources – Sustainable Groundwater Management Act (if funded through CA Natural Resources Bond)
 - Application deadline: TBD

Woodland Recycled Water Utility Expansion Project

The Woodland Recycled Water Project Phase III will expand the City of Woodland's (City) existing recycled water system to utilize wastewater treatment plant effluent and decrease groundwater pumping by 120 acre-feet per year (approximately 10% of the 1,140 acre-feet of groundwater the City distributed in 2021). The City will construct a 4,000-linear-foot recycled water pipeline to connect the existing recycled water system to the City's Community Center and Sports Park to offset potable water from the City's system currently used for irrigation. The City has completed Phase I, which involved constructing and establishing the recycled water utility, and has successfully funded Phase II of the recycled water project.

This project will benefit all potable water customers in the City (approximately 17,000 connections and 61,000 people). Since the City still relies on lower-quality groundwater to augment surface water supplies, reductions in irrigation demand for potable water will reduce the amount of groundwater the City pumps to blend with surface water. Reducing the amount of groundwater in the potable water supply will improve water quality for all customers and help achieve groundwater sustainability for users who rely solely on groundwater.

Applicable funding opportunities are listed below for FY 2023-24, 2024-25, and 2025-26.

- State Water Resources Control Board – Water Recycling Funding Program
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program
 - Continuous application

- State Water Resources Control Board – Water Recycling Funding Program
 - Continuous application
- Department of Water Resources – Integrated Regional Water Management Grant Programs (if funded through CA Natural Resources Bond)
 - Application deadline: TBD
- Department of Water Resources – Sustainable Groundwater Management Act (if funded through CA Natural Resources Bond)
 - Application deadline: TBD

Yolo Subbasin Groundwater Agency Board Meeting Long Term Fee Update Project

Eddy Teasdale and Jacques DeBra, LSCE

September 18, 2023 (3:00 - 5:00 p.m.)

Woodland Police Department



**Luhdorff &
Scalmanini**
Consulting Engineers

Yolo Subbasin Groundwater Agency – Our Mission

The mission of the Yolo Subbasin Groundwater Agency (YSGA) is to provide a dynamic, cost-effective, flexible collegial organization to ensure compliance with SGMA within the Yolo Subbasin. Each of the Members and Affiliated Parties will have initial responsibility for groundwater management within their respective jurisdictional boundaries and the YSGA serves a coordinating and administrative role for developing and implementing the Groundwater Sustainability Plan.

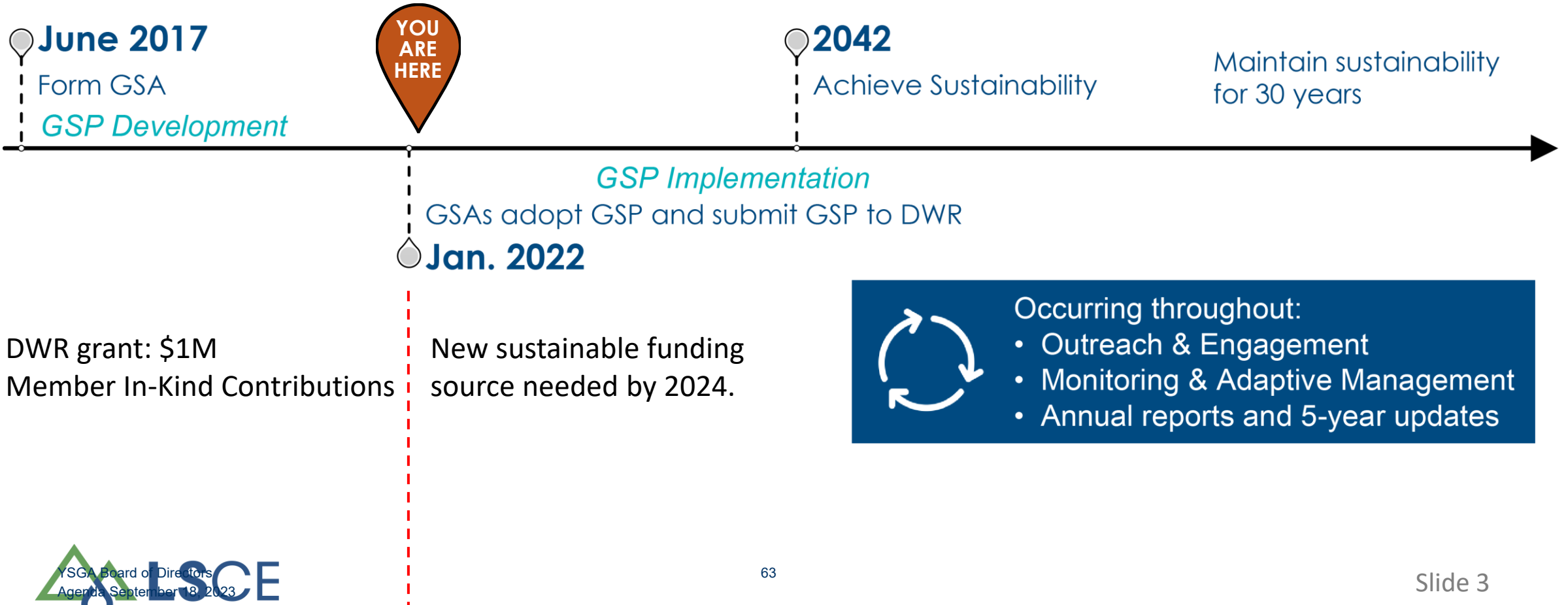
To date, the YSGA has been funded through local contributions and DWR grant funding. Sustainable long term funding sources are needed in certain areas of the Subbasin.



Yolo Subbasin Groundwater Agency – Long-Term Funding Strategy

GSP implementation is more expensive than GSP development.

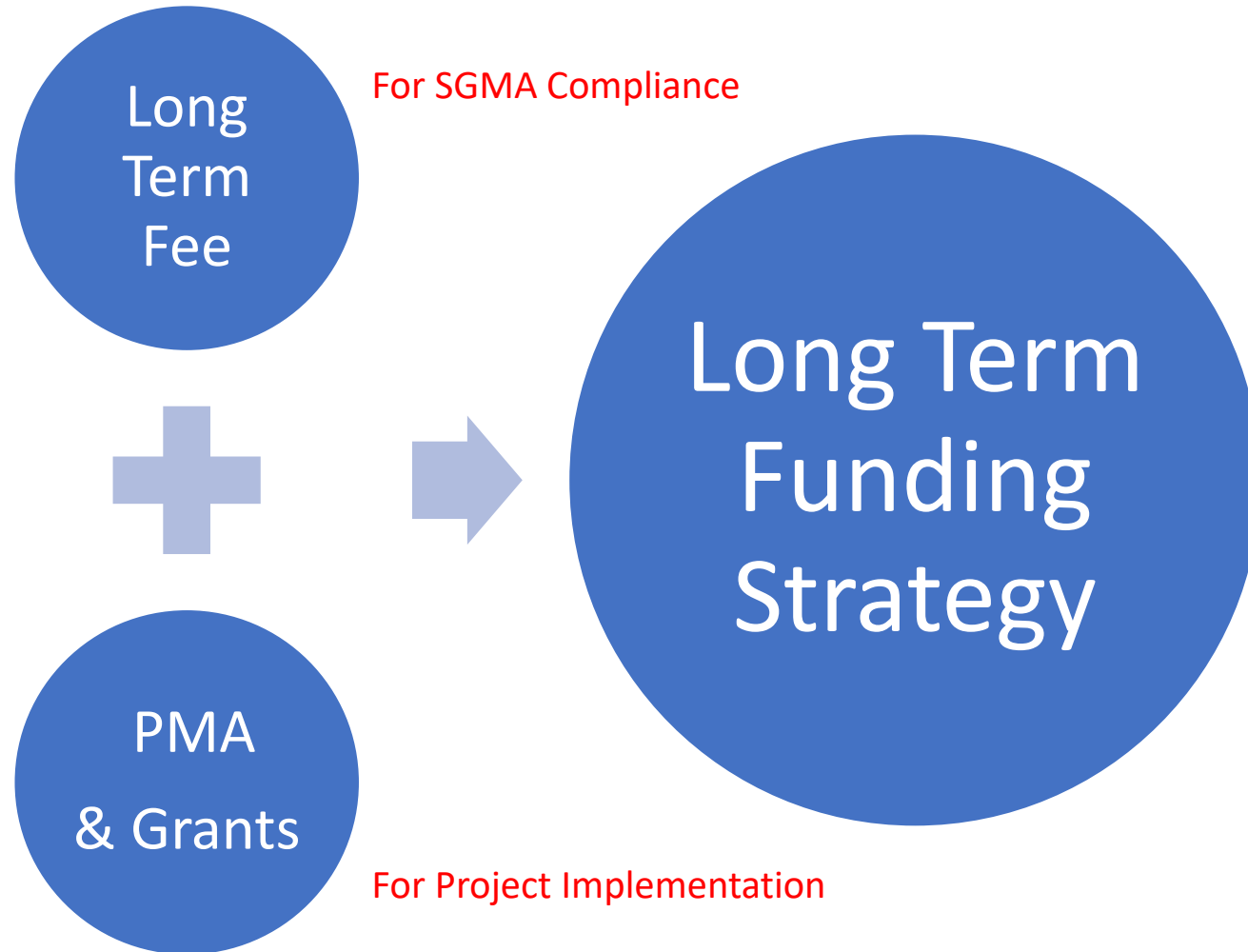
SGMA Timeline



GSP Implementation: > 50 years (2022 – 2072)

Task Name	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042
GSA Administration and Operations																					
Public Outreach	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Legal Services	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Community Outreach and Education																					
Community Outreach and Education ¹	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Monitoring and Data Management																					
Monitoring of Wells	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
Data Management	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
GSP Reporting																					
Annual Reporting	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
Responding to DWR Comments on GSP		×					×														
GSP Five-Year Updates						×					×					×					×
Grant Writing																					
Grant Writing	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█

YSGA – Long Term Funding Strategy



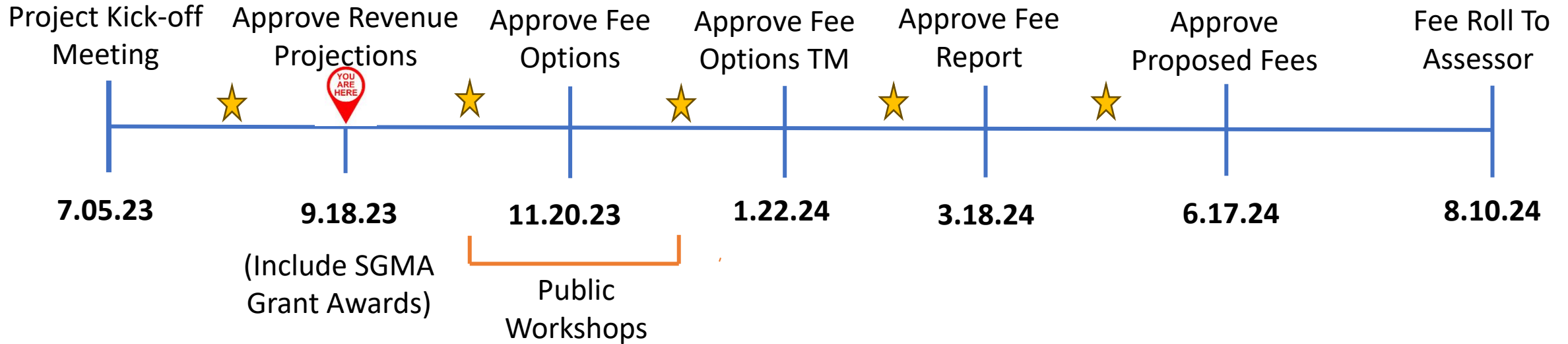
The YSGA members worked together to apply for the DWR Round 2 SGMA Implementation grant funds in December 2022 for eligible Yolo GSA Projects and SGMA compliance costs. DWR announced draft grant awards in June 2023 with \$7M included for the YSGA application. Final awards in September 2023 validated with \$7M for the YSGA.

YSGA – Long Term Funding Strategy (DWR Grants)

2022SIR20050	5-021.67 Sacramento Valley-Yolo	Yolo Subbasin Groundwater Agency	Yolo Subbasin GSP: Planning and Project Implementation	\$7,917,000
			Grant Administration	<input type="checkbox"/> Tribe(s) <input type="checkbox"/> URC(s) <input type="checkbox"/> SDAC(s) \$613,900
			YSGA Groundwater Sustainability Plan Implementation	<input checked="" type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s) \$1,721,000
			YCFC&WCD Winter Water Recharge Program	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s) \$2,600,000
			City of Winters Feasibility Studies	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s) \$580,000
			Yolo-Zamora Groundwater Recharge Pilot Project	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s) \$1,221,100
			Dunnigan Area Recharge Program	<input type="checkbox"/> Tribe(s) <input checked="" type="checkbox"/> URC(s) <input checked="" type="checkbox"/> SDAC(s) \$1,181,000

The YSGA applied for DWR Round 2 SGMA Implementation grant funds in Dec. 2022 for eligible Yolo GSA Projects and SGMA compliance costs. DWR announced final grant awards in September 2023 with \$7.9M allocated for the YSGA grant application.

Yolo Subbasin Groundwater Agency - 2023 Long Term Fee Update Project Schedule



Public Outreach:

Website/Project updates; public workshops (3).

PM Meetings = ★

Yolo Subbasin Groundwater Agency- Board Meeting: Project Milestone Actions

YSGA Board Meeting	Board Action Item	Project Deliverables
September 2023 Meeting ★	Approve Five-Year Revenue Projections	Updated Five Year Revenue Projections for GSP Implementation
November 2023 Meeting	Approve Fee Options To Evaluate	Provide Fee Options and Trade-offs
January 2024 Meeting	Approve Fee Options Evaluation	Fee Option TM
March 2024 Meeting	Approve Fee Report	Including Proposed Fees and Proposition 218 Notice(s)
June 2024 Meeting	Approve Proposed Fees and Finalize Funding Agreements	Public Hearing Approve proposed fees
August Assessor's Office Schedule		<u>Provide Tax Roll Data To Assessor by August 10, 2024</u>

- LSCE work will be coordinated with legal counsel review throughout the project duration.
- YGSA website and outreach updates provided during project implementation.

Long Term YGSA Fee – Development Process

Establish Revenue Needs
(Operational and Implementation Costs)

- Revenue needs – GSA operations
- Revenue needs – SGMA Compliance
- Five-year Revenue Projections – planning horizon
- Adequate for GSA to comply with SGMA
- Meet GSA financial assurance/sustainability goal



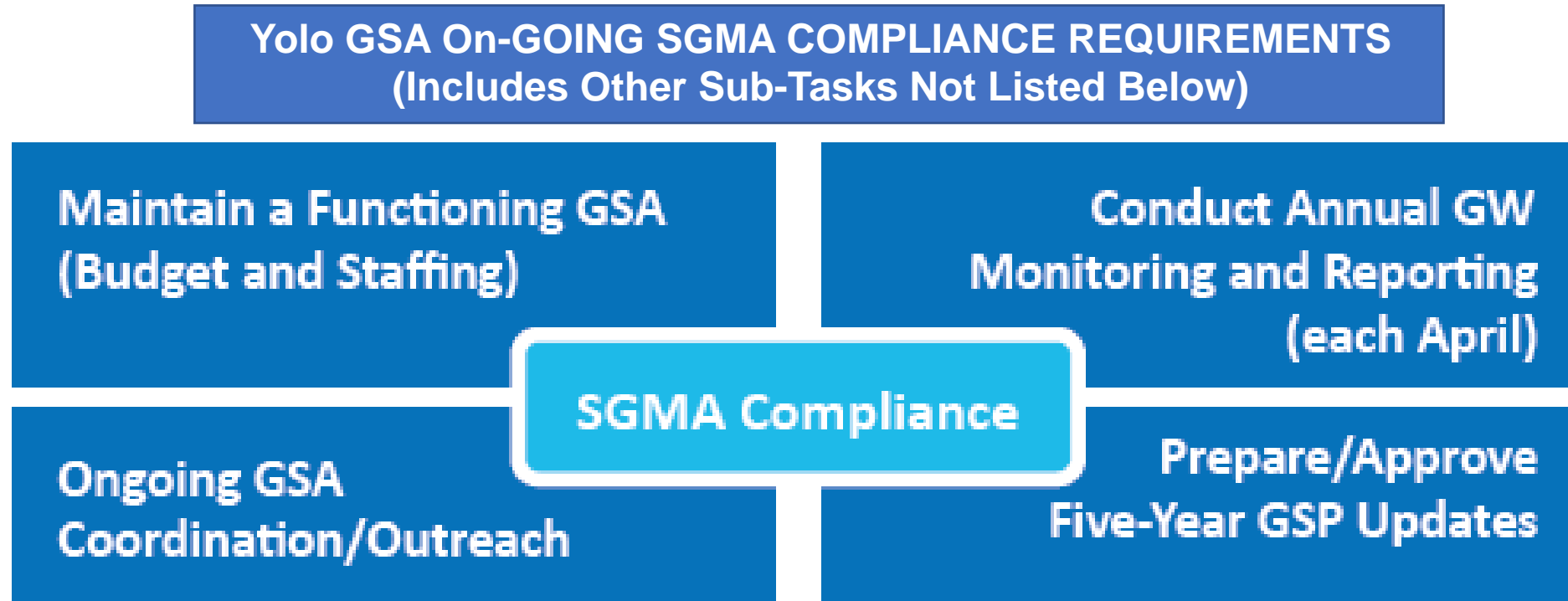
Cost Allocation

- By type – operations vs. implementation
- By Subbasin GSA – weighted by effort
- By use – weight by groundwater use
- Proportional relative to user costs and service/benefit received

Proposed Fees/Charges

- Public notification
- Stakeholder outreach
- Public hearing and majority protest

YSGA – Long Term SGMA Compliance = Local Control



Other compliance tasks may include Surface-Groundwater Interaction Modeling, Data Management System Updates and Maintenance, DWR GSP updates, Long Term Financial Planning to maintain sustainable fees, and other tasks that may be required based on SGMA policy updates and GSP implementation efforts.

YGSA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

Assuming no 2023
DWR SGMA
Implementation
grant funding.

SCENARIO 2: NO GRANT FUNDS					
YOLO SUBBASIN GROUNDWATER AGENCY (YSGA) - 2023 Long Term Funding Project					
Five-Year GSA Operations Budget - GSP Implementation and SGMA Compliance Costs (with no DWR grants)					
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	3%	3%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Administration	2024	2025	2026	2027	2028
Project Management, SGMA Implementation (YCFCWCD)	\$251,000	\$251,000	\$251,000	\$251,000	\$251,000
Admin. Expenses (copies/postage/website/DMS Hosting)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Legal Services	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Audit Service - Financial	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Bank & Other Fees	\$750	\$750	\$750	\$750	\$750
Insurance - General & Auto	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Membership Dues	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Consultant Services	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Contingency (10%)	\$49,625	\$49,625	\$49,625	\$49,625	\$49,625
GSA Administration Sub-Total	\$545,875	\$545,875	\$545,875	\$545,875	\$545,875
5-Year GSP Cost Re-Allocation	0%	3%	3%	3%	3%
Cost Category-SGMA Compliance	2024	2025	2026	2027	2028
Annual Monitoring and Reporting	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Five Year GSP Update w/Modeling Calibrations	\$112,500	\$112,500	\$112,500	\$112,500	\$90,000
Surface-GW Interaction Modeling	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
GSA Coordination & Outreach (w/in and between GSAs)	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000
Data Management System Maintenance	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
Long Term Financial Planning/Fees	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Grant Procurement	\$0	\$0	\$0	\$0	\$0
Contingency (10%)	\$28,750	\$28,750	\$28,750	\$28,750	\$26,500
SGMA Compliance Sub-Total	\$316,250	\$316,250	\$316,250	\$316,250	\$291,500
TOTAL YSGA Administration (w/3% inflation adj.)	\$545,875	\$562,251	\$578,628	\$595,004	\$611,380
TOTAL YSGA SGMA Compliance (w/3% inflation adj.)	\$316,250	\$325,738	\$335,225	\$344,713	\$326,480
TOTAL YSGA Operations Budget	\$862,125	\$887,989	\$913,853	\$939,716	\$937,860

YSGA – Updated Revenue Projections For GSP Implementation and SGMA Compliance

With 2023 DWR SGMA Implementation grant funding.

SCENARIO 1: WITH Round 2 SGMA IMPLEMENTATION GRANT FUNDS (FINAL DWR AWARDS)					
YOLO SUBBASIN GROUNDWATER AGENCY (YSGA) - 2023 Long Term Funding Project					
Five-Year GSA Operations Budget - GSP Implementation and SGMA Compliance Costs (with DWR grants)					
5-Year GSP Implementation Inflation Adjustment	0%	3%	3%	3%	3%
Proposed	Year 1	Year 2	Year 3	Year 4	Year 5
Cost Category-GSA Administration	2024	2025	2026	2027	2028
Project Management, SGMA Implementation (YCFWCDC)	\$251,000	\$251,000	\$251,000	\$251,000	\$251,000
Admin. Expenses (copies/postage/website/DMS Hosting)	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Legal Services	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000
Audit Service - Financial	\$9,000	\$9,000	\$9,000	\$9,000	\$9,000
Bank & Other Fees	\$750	\$750	\$750	\$750	\$750
Insurance - General & Auto	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500
Membership Dues	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000
Consultant Services	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Contingency (10%)	\$49,625	\$49,625	\$49,625	\$49,625	\$49,625
Sub-Total (GSA Administration)	\$545,875	\$545,875	\$545,875	\$545,875	\$545,875
5-Year GSP Cost Re-Allocation	0%	3%	3%	3%	3%
Cost Category-SGMA Compliance	2024	2025	2026	2027	2028
Annual Monitoring and Reporting (*)	\$0	\$0	\$0	\$0	\$0
Five Year GSP Update w/Modeling Calibrations	\$112,500	\$112,500	\$112,500	\$112,500	\$90,000
Surface-GW Interaction Modeling (*)	\$0	\$0	\$0	\$0	\$0
GSA Coordination & Outreach (w/in and between GSAs) (*)	\$0	\$0	\$0	\$0	\$0
Data Management System Maintenance (*)	\$0	\$0	\$0	\$0	\$0
Long Term Financial Planning/Fees	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000
Project Implementation Fund (e.g. data gaps/other projects)	\$60,000	\$60,000	\$60,000	\$60,000	\$60,000
Grant Procurement	\$0	\$0	\$0	\$0	\$0
Contingency (10%)	\$18,750	\$18,750	\$18,750	\$18,750	\$16,500
Sub-Total (SGMA Compliance)	\$206,250	\$206,250	\$206,250	\$206,250	\$181,500
TOTAL YSGA Administration (w/3% inflation adj.)	\$545,875	\$562,251	\$578,628	\$595,004	\$611,380
TOTAL YSGA SGMA Compliance (w/3% inflation adj.)	\$206,250	\$212,438	\$218,625	\$224,813	\$203,280
TOTAL YSGA Operations Budget	\$752,125	\$774,689	\$797,253	\$819,816	\$814,660

Yolo Subbasin Groundwater Agency – Updated Revenue Projections Strategy

BASED ON UPDATED REVENUE PROJECTIONS DATA

- No DWR Grant Revenue Projections
 - Used to establish maximum fees over next five-year period
 - Based on future with non-reliable grant funding for SGMA compliance costs
- With DWR Grant Revenue Projections
 - Used to establish lower fees using expected 2023 DWR grant funds
 - Final grant awards expected in September 2023
- YSGA assessment of revenue requirements over next five years
- Includes 3% annual inflation adjustment (years 2-5)
- Fee collection: expect combination of MOU contributions and Prop. 218 fees

Yolo Subbasin Groundwater Agency – Basis For Long Term Fee Options

BASED ON AVAILABLE PARCEL LEVEL DATA

- Parcel exemptions – Federal/Tribal; State uncollectible
- Parcel location, size and boundaries (boundary conditions)
- Consider other sources (e.g. Land IQ 2021 parcel information)
- Land use designations
- Water source (sometimes known)
- Water use (typically GSA accounts have been unmetered with no water use records available)

Yolo Subbasin Groundwater Agency – Fee Options Evaluation Criteria

FEE OPTION EVALUATION CRITERIA

- Revenue Sufficiency – Meets revenue projection targets
- Revenue Stability – over fee implementation period
- All Beneficiaries Pay – important for SGMA compliance benefit
- Equity – cost allocation
- Affordability – economic impacts
- Simplicity – easy to understand
- Administrative ease – low implementation costs
- Enforceability – potential costs for more complex fee structures
- Legality – defensible, challenge risk, potential long term legal fees

Consider Fee
implementation costs

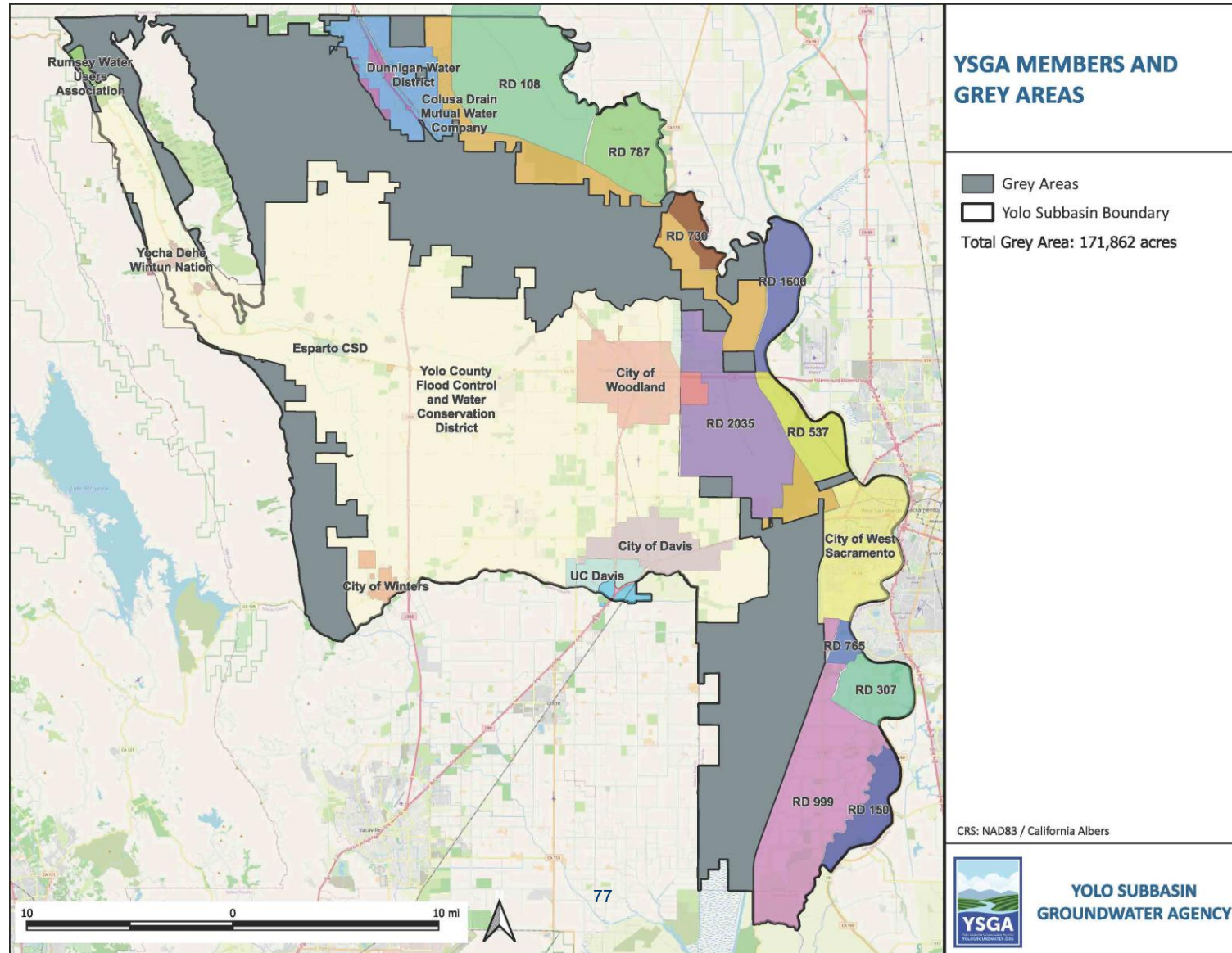
Yolo Subbasin Groundwater Agency – Current Fee Collection Scenario

Member MOU Contribution Entities	Prop. 218 Fees – New Fees in 2024
Davis, Woodland, WSac., Winters, UCD	Yolo County – Grey Areas (need)
Esparto and Madison CSDs	
Tribal Lands	
YCFCWCD	
Yolo County – Grey Areas	
Reclamation Districts	
Colusa Drain Mutual Water Co.	
Cal American Water Co.	
Yolo County Farm Bureau	

Existing MOU fees would continue with annual inflation adjustment factor.
Prop. 218 Fees would be collected on County Assessor Fee Roll.

Yolo Subbasin Groundwater Agency – Current Fee Collection Scenario (Prop. 218 Process)

Other entities would have the option of paying via MOU or participating in Prop. 218 process.



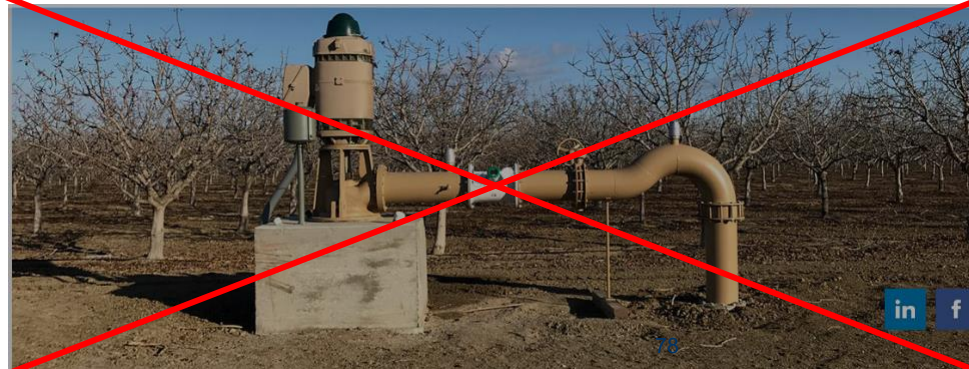
Yolo Subbasin Groundwater Agency – Fee Options For Evaluation

FEE OPTIONS TO EVALUATE – TO DISCUSS AT PUBLIC WORKSHOPS

- Option 1 – Uniform Fee (\$/ac)
- Option 2 – Irrigated/Non-Irrigated Fees
- Option 3 – Other Land Use Hybrid
- Legality – defensible, challenge risk, potential long term legal fees

Only for landowners subject to Prop. 218 Fees (Yolo County grey areas)

Special Note: suggest that fees be considered that charge lower fees to landowners who use little to no groundwater (e.g. rangeland, natural habitat, vacant property, dry land farming, no surface or groundwater use).



Yolo Subbasin Groundwater Agency – Fee Options Review

Fee Options	Proposition 218 Fees – New Fees in 2024	Recommended For Further Review
Uniform Fee (\$/ac.)	Easy to implement and understand. Not the most equitable for ratepayers.	YES
Irrigated/Non-Irrigated Fee (\$/ac. w/user classes)	Additional implementation costs. More equitable than uniform fee.	YES
Land Use Hybrid	More complicated to implement with additional implementation costs.	YES (if needed)
ET Based Water Budget Method	Additional implementation costs. Changes the role of the GSA (bill collections).	NO
Well Registration	Additional implementation costs. Some missing and inaccurate data.	NO
Metered Groundwater Extraction	Most expensive option to implement. May cause negative impacts on Ag operations.	NO

Yolo Subbasin Groundwater Agency – Fee Options For Evaluation

UNIFORM FEE EXAMPLE – TO DISCUSS AT PUBLIC WORKSHOPS

- **Vina GSA: Example of Uniform Fees approved in 2023**
- Fee Structure - \$/acre uniform fee charge
- \$1.54 per acre per year (approved)
- \$3.09 per acre per year (maximum)
- Easiest fee structure to understand and implement
- Not the most equitable structure
- Maximum fees are in 2023 dollars, including inflation for the subsequent four years. The actual amount of the fee will be set by Resolution of the CSGSA each year but cannot exceed the maximum per acre fee specified above, including the inflation factor.

Yolo Subbasin Groundwater Agency – Fee Options For Evaluation

IRRIGATED/NON-IRRIGATED FEE EXAMPLE – TO DISCUSS AT PUBLIC WORKSHOPS

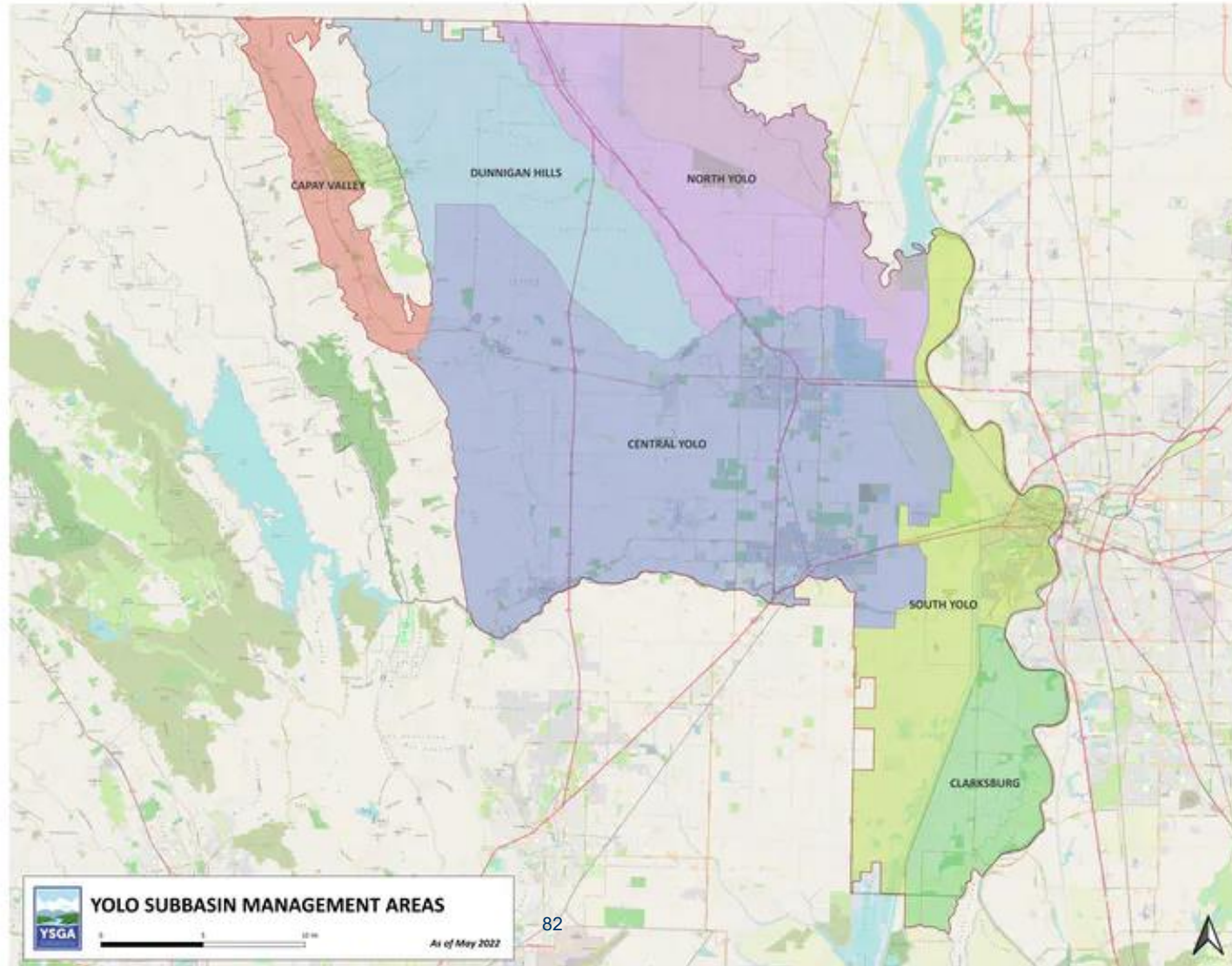
- **GGA GSA: Example of Irrigated/Non-Irrigated Fees approved for 2024**
- Fee Structure - three proposed maximum fee rates (one for each user class) as follows:
- \$0.52 per non-irrigated acre per year, [**addressing low groundwater users**]
- \$2.40 per irrigated-surface water acre per year, and
- \$5.39 per irrigated-groundwater acre per year.
- The fees are in 2023 dollars, including inflation for the subsequent four years. The actual fee amounts will be set annually by Resolution of the GGA GSA (not exceeding maximum fees)

Yolo Subbasin Groundwater Agency – Fee Options Evaluation Criteria

For future project implementation efforts with respect to Management Areas.

Include in Outreach:
Framework for outreach.
Cost Allocation.

Separate from YGSA.



Yolo Subbasin Groundwater Agency – Fee Options - Public Outreach Efforts

Outreach Strategy:

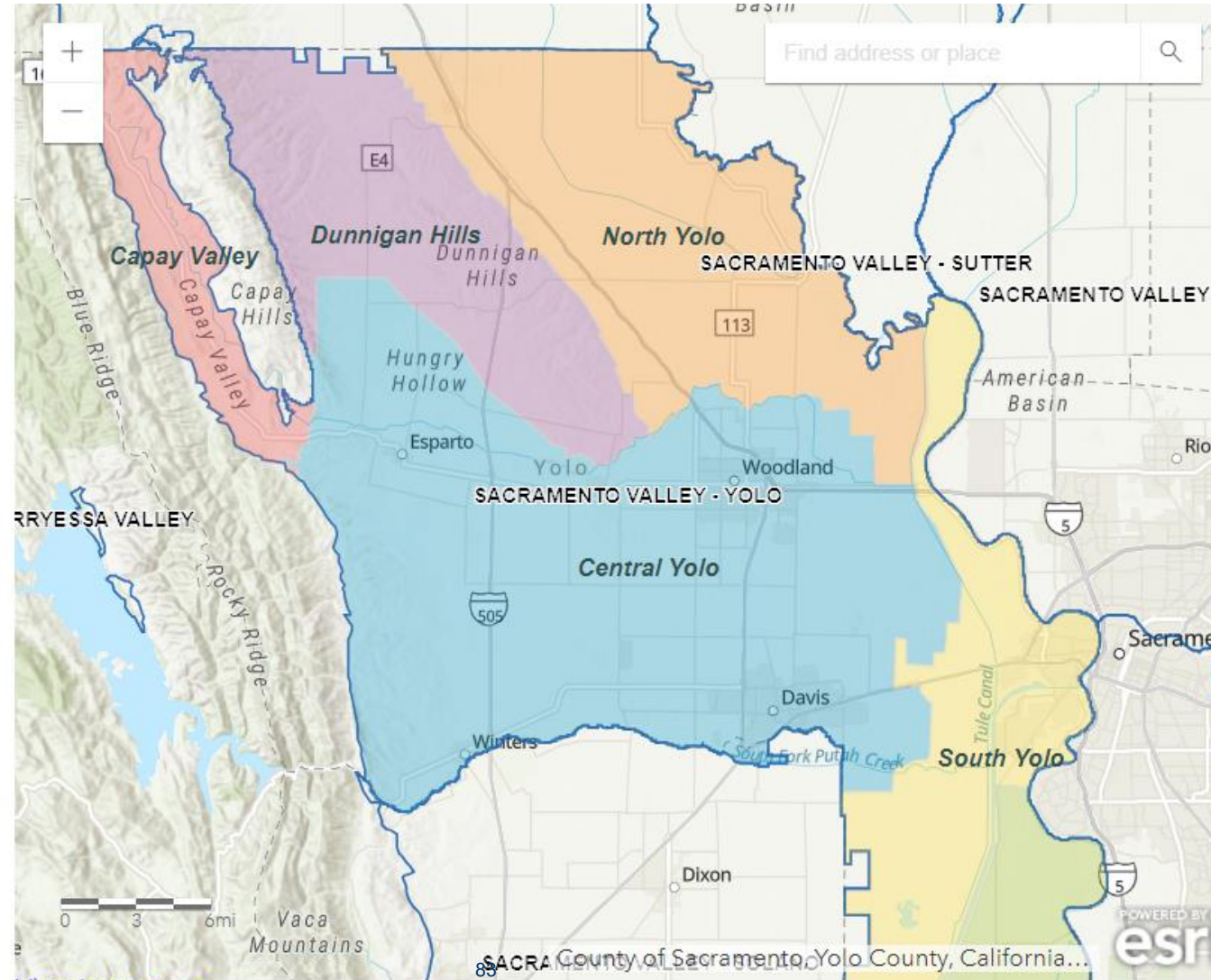
Develop Fact Sheet & FAQ

Use Technology (Interactive Map)

Conduct 2023 workshops (4).
Discuss revenue projections and
fee options.

Document feedback, ideas,
questions and concerns.

Information available on YSGA
website.



Yolo Subbasin Groundwater Agency – Fee Options - Public Outreach Efforts (using technology)

Felt

Vina_UserClasses

Welcome!
 Navigate to your parcel OR
 [on computer] sign in with your
 gmail account and search for
 your address using the
 magnifying glass in top right
 corner OR [on phone] turn on
 location permissions for
 browser and click arrow in
 bottom right corner to navigate
 to your current location.

How to turn on location
 settings:

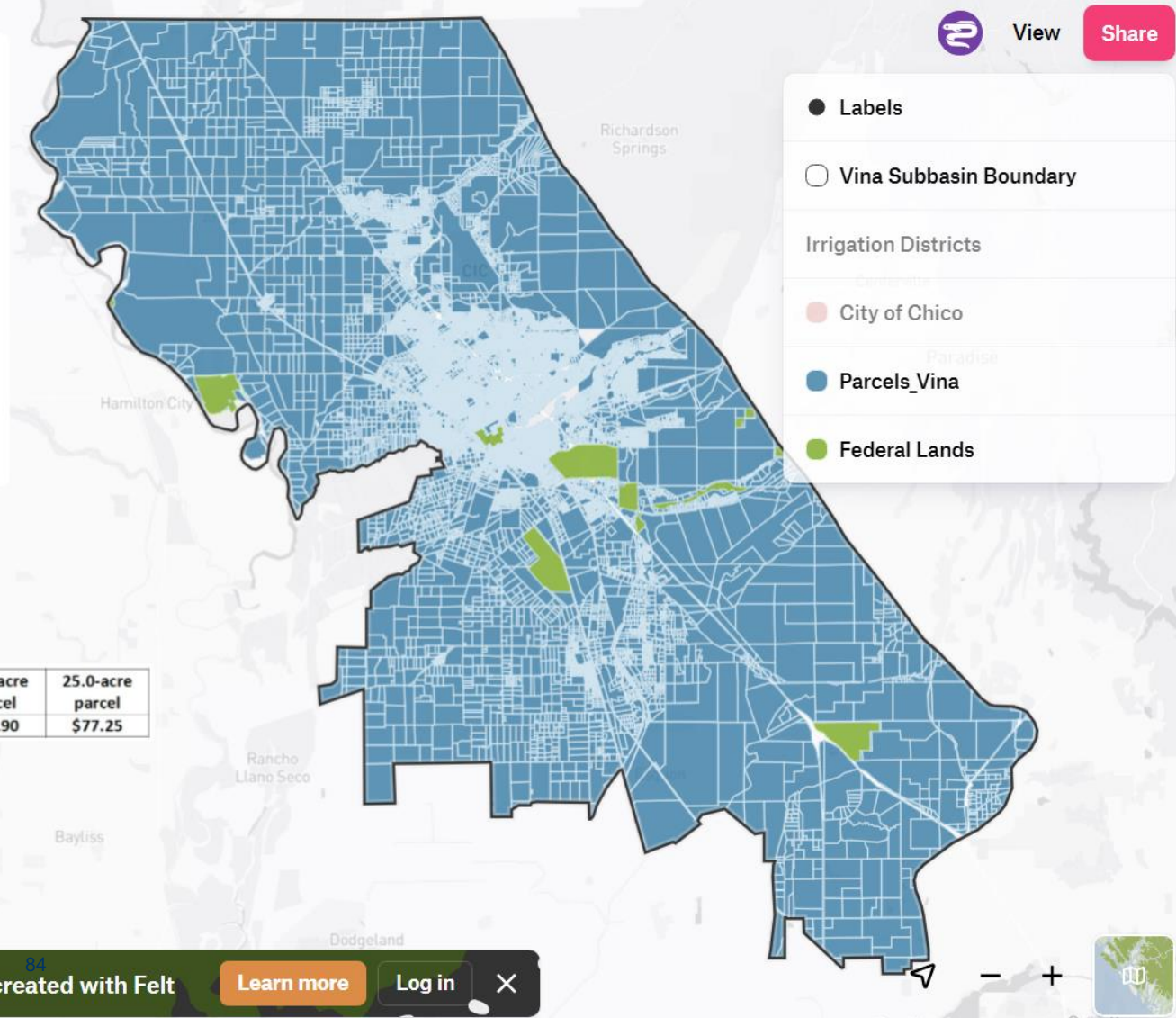


Ex: Fee Calculation

Maximum fee: \$3.09/acre

Estimate: 0.10 acre parcel x \$3.09 = \$0.31

0.10-acre parcel	0.25-acre parcel	0.50-acre parcel	1.0-acre parcel	5.0-acre parcel	10.0-acre parcel	25.0-acre parcel
\$0.31	\$0.78	\$1.55	\$3.09	\$15.45	\$30.90	\$77.25



YSGA Project Outreach Options

Type	YSGA GSA
Fact Sheet	Yes
Frequently Asked Questions (FAQs)	Yes
Website Updates	Yes
Public Workshops (4)	Yes
Bi-lingual (if needed)	Yes
Document meetings/outcomes	Yes
Other (e.g. newsletter coordination)	Yes

Recommend majority of outreach materials are published during fee options evaluation phase of project for timeliness and effectiveness. Some Website updates will be required as milestones progress.

YSGA Project – Proposed Public Outreach Workshops

Yolo Subbasin Groundwater Agency 2023 Long Term Fee Project Public Outreach - Community Meetings		
Date	Location	Discussion
10.25.23 (6:00 p.m.)	Yolo County Fairgrounds	2023 revenue projections and fee options
10.26.23 (6:00 p.m.)	Esparto Community Hall	2023 revenue projections and fee options
11.01.23 (6:00 p.m.)	Winters Community Center	2023 revenue projections and fee options
11.02.23 (6:00 p.m.)	Yolo County Library- Clarksburg Branch	2023 revenue projections and fee options

Proposed workshop schedule, subject to Board review and approval. Meeting notices and presentations will be available on the YSGA website.

Yolo Subbasin Groundwater Agency – Next Steps – 2023 Long Term Funding Project

Action Items

1. Approve Draft Revenue Projections – for use with outreach efforts
2. Approve Fee Options To Evaluate – for use with outreach efforts
3. Approve Public Outreach Plan
Fact Sheet and FAQs
Conduct Public Workshops (4)

Yolo Subbasin Groundwater Agency Board of Directors Meeting Agenda Report

MEETING DATE: September 18, 2023

AGENDA ITEM NO. 7

SUBJECT: Consideration: Adopt Resolution No. 23-01 Directing the Preparation and Implementation of Updated Well Permit Review Procedures

INITIATED OR BOARD

INFORMATION

REQUESTED BY: STAFF

ACTION: MOTION

OTHER _____

RESOLUTION

ATTACHMENT YES NO

BACKGROUND

In March 2022, Governor Newsom issued Executive Order N-7-22, setting certain requirements for well permit issuance in light of California’s on-going drought. The Order required, in relevant part, that before issued a well permit, the permitting authority must obtain a written verification from the Groundwater Sustainability Agency (here, YSGA) that:

- The groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in the GSP for that area; and
- The groundwater extraction by the proposed well would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan.

Separately, the permit-issuing agency must make a determination that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure. In February of this year, those requirements were extended and modified by [Executive Order N-3-23](#). These requirements apply do not apply to domestic wells producing less than 2 acre-feet annually; wells that will exclusively provide groundwater to public water supply system; or certain wells that are replacing facilities that had been acquired by eminent domain. The full text of the Order and its required findings are attached to this report.

In May 2022, YSGA adopted [Resolution No. 22-01](#), authorizing the Executive Officer to develop and implement Well Permit Procedures that were consistent with the requirements of the Order. That work began immediately. In developing those Well Permit Procedures, staff have identified areas where additional Board direction is necessary.

Specifically, staff have identified certain areas where data gaps or specific regional concerns regarding groundwater conditions may require special consideration during the review process.

Staff require Board direction on (1) how to identify those particular areas; and (2) what additional criteria would be helpful in making the required determination about the proposed well's consistency with the GSP and sustainability goals for the Subbasin, as required by the Orders.

Staff are performing this work in coordination with Yolo County, which is the entity responsible for issuing well permits. At the September 12, 2023 Yolo County Board of Supervisors meeting, the County indicated that it would adopt a 45-day moratorium on well permitting at its September 26 meeting, in order to provide the opportunity for YSGA to finalize its processes for permit review across the Subbasin.

Resolution No. 23-01 (attached) would direct staff to establish a timeline and general parameters for Well Permit Procedures to be considered and ultimately adopted by the YSGA Board. In addition, and consistent with the overall goals of the Resolution, it sets a timeline for the development of advisory committees aimed at addressing local groundwater concerns and directs the *Ad Hoc Drought Contingency Planning Committee* to explore and provide feedback to the Board on demand management strategies that might aid in addressing some of these regionally focused concerns.

RECOMMENDATION

YSGA staff recommend adoption of Resolution No. 23-01, providing direction to staff regarding YSGA's Well Permit Procedures, local outreach processes, and methods for identifying and responding to Areas of Special Concern.

**RESOLUTION NO. 23-02
OF THE
BOARD OF DIRECTORS OF THE
YOLO SUBBASIN GROUNDWATER AGENCY**

***IN THE MATTER OF:* A RESOLUTION DIRECTING THE PREPARATION AND
IMPLEMENTATION OF UPDATED WELL PERMIT REVIEW
PROCEDURES IN THE YOLO SUBBASIN GROUNDWATER
AGENCY**

WHEREAS, Yolo Sustainable Groundwater Agency is the Groundwater Sustainability Agency (“GSA”) for the Yolo Subbasin of the Sacramento Valley Groundwater Basin, California Department of Water Resources Basin No. 5-21.67 (“Subbasin”) and in that role is responsible for implementing the Sustainable Groundwater Management Act (“SGMA”) within the Subbasin; and

WHEREAS, pursuant to Executive Orders N-10-21 and N-7-22, Governor Gavin Newsom proclaimed a statewide State of Emergency due to drought conditions, and directed GSAs and local well permitting authorities to make certain findings before issuing permits for groundwater wells subject to those Orders; and

WHEREAS, Paragraph 9 of each Order provides that a county, city, or other public agency shall not:

“Approve a permit for a new groundwater well or for alteration of an existing well in a basin subject to [SGMA] and classified as medium- or high-priority without first obtaining written verification from a Groundwater Sustainability Agency managing the basin or area of the basin where the well is proposed to be located that groundwater extraction by the proposed well would not be inconsistent with any sustainable groundwater management program established in any applicable Groundwater Sustainability Plan adopted by that Groundwater Sustainability Agency and would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan;” and

WHEREAS, paragraph 9 further provides that a county, city, or other public agency shall not:

“Issue a permit for a new groundwater well or for alteration of an existing well without first determining that extraction of groundwater from the proposed well is (1) not likely to interfere with the production and functioning of existing nearby wells, and (2) not likely to cause subsidence that would adversely impact or damage nearby infrastructure.”; and

WHEREAS, these requirements were renewed and clarified by Executive Order N-3-23, and are currently in effect; and

WHEREAS, Yolo County Department of Environmental Health is the local agency responsible for issuing groundwater well permits under the Executive Orders; and

WHEREAS, YSGA is the Groundwater Sustainability Agency responsible for providing the County with the written verifications required by the Orders, specifically, for determining that the proposed groundwater extraction “would not be inconsistent with any sustainable groundwater

management program” in the Subbasin’s GSP and “would not decrease the likelihood of achieving a sustainability goal for the basin covered by such a plan;” and

WHEREAS, in May 2022 YSGA Board adopted Resolution No. 22-01, setting parameters for the development of Well Permit Procedures that would guide YSGA in making the findings required by Paragraph 9; and

WHEREAS, through the process of developing the Well Permit Procedures, YSGA has now identified certain areas where groundwater monitoring data is limited or incomplete (“data gap” regions), as well as areas where landowners have reported concerns regarding potentially decreasing groundwater levels (“Areas of Special Concern”); and

WHEREAS, staff require additional direction from the YSGA Board to develop a suitable review process to address these areas; and

WHEREAS, on September 12, 2023, the Yolo County Board of Supervisors announced its intention to impose 45-day moratorium on new agricultural well permits at their September 26, 2023 Board of Supervisors meeting to allow YSGA to address the Areas of Special Concern and data gaps in its Well Permit Procedures.

NOW, THEREFORE, BE IT RESOLVED:

1. As the exclusive Groundwater Sustainability Agency for the Yolo Subbasin, YSGA is responsible for and committed to achieving the sustainability goals set out in the GSP. Adoption of standardized Well Permit Procedures will support these sustainability goals, in that they will provide YSGA, permit applicants, and the public a clear framework for evaluating a permit application’s consistency with the GSP.
2. YSGA further recognizes that data gaps and localized groundwater conditions may sometimes require a specialized approach for particular portions of the basin; appropriately addressing these issues can assist the YSGA in its pursuit of basinwide sustainability.
3. YSGA staff are directed to prepare proposed Well Permit Procedures for consideration and review by the YSGA Board no later than November 20, 2023.
4. The Well Permit Procedures to be proposed to the Board will include, at a minimum:
 - An outline of the processes to be followed in YSGA’s issuance of the written verifications required by the Executive Orders.
 - A draft map depicting regions proposed to be identified as “Areas of Special Concern,” as well as a description of the characteristics that would trigger that special designation.
 - A draft map depicting regions of known gaps in groundwater monitoring data (“Data Gap Map”), identifying those portions of the basin where additional groundwater monitoring data is necessary to assist the YSGA in achieving the sustainability goals for the Subbasin.
 - Proposed standardized criteria for the hydrogeologist reports or other additional

supporting information that will be required in the “Areas of Special Concern” and “Data Gap” regions for new agricultural well permits.

- A proposed schedule for public review and comment on these materials.
5. In response to stakeholder requests and separate from the Well Permit Procedures, the *Ad Hoc Drought Contingency Planning Committee* is authorized to work with the Executive Officer and Legal Counsel to investigate the potential demand management strategies, including but not limited to voluntary allocation systems, in the designated “Areas of Special Concern.” The Committee’s findings will be reported back to the YSGA Board before the agency takes any binding action to implement such a system.
 6. No later than January 22, 2024, the Executive Officer, supported by Legal Counsel, will present a proposed structure and schedule for the implementation of Management Area Advisory Committees, which shall be tasked with providing feedback on unique regional groundwater concerns, as well as serving as a public advisory forum to inform the Board’s continued pursuit of the sustainability goals.

Certification of Secretary

The undersigned hereby certifies that the foregoing resolution was duly adopted by the Board of Directors of YSGA at a special meeting held on September 18, 2023, by the following vote:

AYES:

NOES:

ABSENT:

Kristin Sicke, Board Secretary

Dated: September 18, 2023

Yolo Subbasin Groundwater Agency Board of Directors
Meeting Agenda Report

MEETING DATE: September 18, 2023

AGENDA ITEM NO. 8

SUBJECT: Consideration: WaterSMART Applied Science Grant Application

INITIATED OR BOARD
REQUESTED BY: STAFF
 OTHER _____

INFORMATION
 ACTION: MOTION
 RESOLUTION

ATTACHMENT YES NO

BACKGROUND

a. *Adopt Resolution No. 23-02 Directing and Authorizing the Executive Officer to Prepare and Submit a WaterSMART Applied Science Grant Application*

YSGA Staff and Consero Solutions are working together to complete a draft “Technical Proposal,” a requirement for inclusion in the [U.S. Bureau of Reclamation WaterSMART Applied Science Grant](#). The grant program aims to provide funding to non-Federal entities for the development of modeling/forecasting tools and information to support water management. The YSGA is seeking funding for each of the following tasks:

1. Improvements to the Yolo Subbasin Groundwater Model
2. Develop and Model Projects and Management Actions to Support Policy Decisions
3. Develop a Seasonal Forecasting Platform
4. Improve Data Management and Public Data Access

Completion of each task will provide improved data and tools necessary for water managers within the subbasin to understand and react to basin conditions proactively. Improvements to the YSGA groundwater model will include incorporation of newer, more accurate climate change datasets, land use information, and economic elements. This new and improved model can then be used to model the effects of various projects and management actions, including quantifying effects of planned groundwater recharge projects, and assessing impacts to domestic wells. Data management improvements will include the development of a more modern user interface that can incorporate additional sustainability indicators such as land subsidence and will allow for in-field data input and viewing. The public data access site (sgma.yologroundwater.org) will also be updated to match these improvements.

Consero is currently assisting YSGA staff with optimizing the content and language in the technical proposal to make the grant application as competitive as possible. Letters of support will also be secured from relevant parties.

YSGA staff will provide an overview of the grant opportunity and an update on the grant application process. Applications are due by October 17, 2023, and a Resolution authorizing the submission and a future grant agreement arrangement needs to be included in the application.

b. Approve the Letter of Support for the Groundwater Recharge Data Sharing and Modeling Improvements Project

Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District are applying for federal funding from the USBR's WaterSMART Applied Science Grant to complete the Groundwater Recharge Data Sharing and Modeling Improvements Project, which will improve accessibility and usability of water resources data and improve hydrologic models to forecast future scenarios and increase water supply reliability and flexibility of water operations. Director Bill Vanderwaal, General Manager of Dunnigan Water District, will provide a brief overview of the proposed project and its benefit to the Yolo Subbasin groundwater monitoring network.

RECOMMENDATION

- a. Recommend adoption of Resolution No. 23-02 directing and authorizing the Executive Officer to prepare and submit a WaterSMART Applied Science Grant to the U.S. Bureau of Reclamation (Bureau) and to enter into an agreement with the Bureau if successfully awarded.
- b. Recommend approval of Executive Officer signing letter of support for Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District's Groundwater Recharge Data Sharing and Modeling Improvements Project.

RESOLUTION NO. 23-02

**A RESOLUTION OF THE BOARD OF DIRECTORS OF THE
YOLO SUBBASIN GROUNDWATER AGENCY
APPROVING THE APPLICATION TO THE USBR FOR THE
WATERSMART APPLIED SCIENCE GRANT PROGRAM**

WHEREAS, on August 29, 2014, the California Legislature passed comprehensive groundwater legislation contained in SB 1168, SB 1319, and AB 1739. Collectively, those bills, as subsequently amended, enacted the Sustainable Groundwater Management Act (“SGMA”). SGMA became effective on January 1, 2015; and

WHEREAS, the Yolo Subbasin Groundwater Agency (“YSGA”) is a joint powers authority established and existing pursuant to a Joint Exercise of Powers Agreement (“YSGA JPA”) dated and effective June 19, 2017 and the Joint Exercise of Powers Act, Cal. Government Code section 6500 *et seq.*; and

WHEREAS, pursuant to SGMA, YSGA is the Groundwater Sustainability Agency (“GSA”) for the Yolo Subbasin of the Sacramento Valley Groundwater Basin, California Department of Water Resources Basin No. 5-21.67 (“Subbasin”); and

WHEREAS, the [YSGA JPA Article 3.6 – Powers of the Agency](#) – confirms the YSGA has the power to borrow funds and apply for grants and loans for the funding of activities within the purposes of the Agency; and

WHEREAS, the YSGA adopted the [Yolo Subbasin GSP](#) on January 24, 2022, which included 12 Management Actions and 77 Projects for ensuring sustainable groundwater management, and the YSGA is interested in obtaining grant funding to implement these Management Actions and Projects; and

WHEREAS, the YSGA is seeking to improve regional water management with advanced data and tools necessary for water managers within the subbasin to understand and react to basin conditions proactively; and

WHEREAS, the United States Bureau of Reclamation (USBR) has published a notice of funding opportunity for the WaterSMART Applied Science Grants (NOFO No. R23AS00446); and the YSGA appreciates USBR’s solicitation and funding opportunity.

NOW, THEREFORE, BE IT RESOLVED:

1. The Board of Directors of the Yolo Subbasin Groundwater Agency allows an application to be made to the United States Bureau of Reclamation (USBR) for the USBR WaterSMART Applied Science Grant Program.
2. The Board of Directors of YSGA has the authority and shall enter into a funding agreement with the United States Bureau of Reclamation to receive a grant, if selected.
3. The Board of Directors of YSGA authorizes and directs the Executive Officer, or designee, to prepare the necessary data, conduct investigations, and file such application. Additionally, if selected for a WaterSMART Grant, the YSGA will work with USBR to meet established deadlines for entering into a cooperative agreement.

Certification of Secretary

The undersigned hereby certifies that the foregoing resolution was duly adopted by the Board of Directors of YSGA at a special meeting held on September 18, 2023, by the following vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Kristin Sicke, Board Secretary

Dated: September 18, 2023



Yolo Subbasin Groundwater Agency

Groundwater Sustainability Agency

34274 State Highway 16 • Woodland, CA 95695 • 530.662.3211 • www.yologroundwater.org

September 12, 2023

U.S. Bureau of Reclamation
Attn: NOFO Team, Denver Federal Center
Bldg. 67, Rm. 152
6th Avenue and Kipling Street
Denver, CO 80225

RE: Support of the Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District WaterSMART – Applied Science Grant Application

To Whom It May Concern:

The Yolo Subbasin Groundwater Agency (YSGA) is pleased to provide this letter of support for the combined Reclamation District No. 108, Colusa County Water District, and Dunnigan Water District Groundwater Recharge Data Sharing and Modeling Improvements (Project). Climate variability has resulted in prolonged dry periods followed by extremely wet years. Groundwater levels in the Dunnigan Area continue to decline, threatening water supply for domestic and agricultural groundwater users and causing ecological and watershed health concerns.

Financial assistance from the WaterSMART Applied Science Grant will improve accessibility and usability of water resources data and improve hydrologic models to forecast future scenarios and increase water supply reliability and flexibility in water operations. The Project will support existing programs to increase water supply reliability for ecological values and is being developed as part of a collaborative planning process with the Westside-Sacramento and Northern Sacramento Valley Integrated Regional Water Management programs, the Colusa Groundwater Authority, and the YSGA. We are pleased that it will enhance interbasin coordination between the Colusa and Yolo Subbasins.

The YSGA respectfully requests your consideration of funding this important community Project.

Sincerely,

Kristin Sicke
Executive Officer

City of Davis • City of West Sacramento • City of Winters • City of Woodland • County of Yolo • Dunnigan Water District • Esparto Community Service District • Madison Community Service District • Reclamation District 108 • Reclamation District 150 • Reclamation District 307 • Reclamation District 537 • Reclamation District 730 • Reclamation District 765 • Reclamation District 787 • Reclamation District 999 • Reclamation District 1600 • Reclamation District 2035 • Yocha Dehe Wintun Nation • Yolo County Flood Control and Water Conservation District • University of California Davis • California American Water • Colusa Drain Mutual Water Company • Yolo County Farm Bureau • Environmental Representative • Rumsey Water Users Association