



# Yolo Subbasin Groundwater Agency

## Board of Directors Meeting Agenda

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**Monday, May 20, 2024**

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

### **Woodland Fire Station #3**

1550 Springlake Court, Woodland, CA 95776

[Parking information](#)

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**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

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### **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](http://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](mailto:info@yolosga.org) prior to the meeting or via teleconference chat during the meeting.

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- 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.

- 3:10 4. **CONSIDERATION: CONSENT ITEMS**, [pages 3 to 25](#)
- a. Approve March 18, 2024 Board of Directors Meeting Minutes, [pages 5-9](#)
  - b. Receive Fiscal Year 23/24 Financial Statements: 3/12/24-5/16/24, [pages 10-20](#)
  - c. Receive minutes of Executive Committee: 2/21/24 and 4/4/24, [pages 21-24](#)
  - d. Approve Payment of Bills in Approved Fiscal Year 2023-2024 Budget, [page 25](#)
  - e. Authorize Ad Hoc Committee for Reconsideration of Voting Structure and Expense Allocation
- 3:15 5. **UPDATE ON GROUNDWATER LEGISLATION**  
Ivy Brittain, Northern California Water Association
- 3:20 6. **CALIFORNIA DEPARTMENT of WATER RESOURCES UPDATE**  
Report from Nicholas Vadpey on programs of interest to the YSGA
- 3:25 7. **REPORT OF THE CHAIR AND EXECUTIVE OFFICER**, [pages 26 to 38](#)  
Executive Officer report on activities since last Board meeting
- 3:35 8. **CONSIDERATION: FISCAL YEAR 2024-2025 BUDGET**, [pages 39 to 42](#)
- 4:00 9. **UPDATE: WELL PERMIT REVIEW PROCEDURES**, [page 43](#)
- 4:10 10. **UPDATE: GROUNDWATER SUSTAINABILITY PLAN IMPLEMENTATION**, [pages 44-50](#)
- a. WaterSMART Applied Science Grant Award
  - b. SGMA Implementation Grant Projects
  - c. Responses to RFQ for GSP Update and Related Services
- 4:45 11. **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.
- 4:55 12. **NEXT MEETING** – July 15, 2024
- 5:00 13. **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 May 17, 2024 and made available to the public during normal business hours at the following location: Woodland Fire Station #3 at 1550 Springlake Court, Woodland 95776 and YSGA's office at 34274 State Highway 16, Woodland 95695.



Kristin Sicke, Executive Officer



**Ad Hoc Committee for Reconsideration of Voting Structure and Expense Allocation**

Yolo County Flood Control and Water Conservation District	Tom Barth
RD 108	Roger Cornwell
Cal Am Water -Dunnigan	Evan Jacobs
University of California, Davis	Andrew Fulks
Colusa Drain Mutual Water Company	Lynnel Pollock
RD 537 (Lovdal District)	Tom Ramos
City of West Sacramento	Verna Sulpizio Hull
Yolo County Farm Bureau	Lee Smith
Yolo County	Mary Sandy
Dunnigan Water District	David Schaad
City of Woodland	Mayra Vega

**RECOMMENDATION**

- a. Recommend adoption of March 18, 2024 Regular Board meeting minutes with any corrections.
- b. This agenda item is for informational purposes only. No Board action is required.
- c. This agenda item is for informational purposes only. No Board action is required.
- d. Recommend approval of payment of bills.
- e. Recommend approval of updated composition of Ad Hoc Committee for Reconsideration of Voting Structure and Expense Allocation.



# Yolo Subbasin Groundwater Agency

## Board of Directors Meeting Minutes

**Monday, March 18, 2024**

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

**Woodland Fire Station #3  
1550 Springlake Court, Woodland, CA 95695  
(and via Zoom)**

**1. CALL TO ORDER AND DETERMINATION OF QUORUM:**

Meeting called to order at 3:00 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: Babu Vaitla (*Item 5 – end*)  
City of West Sacramento: Verna Sulpizio Hull  
City of Winters: Carol Scianna  
City of Woodland: Mayra Vega (*Item 5 – end*)  
Dunnigan Water District: David Schaad, (Bill Vanderwaal\*)  
Reclamation District (RD) 108: Roger Cornwell, (Bill Vanderwaal\*)  
RD 150: Warren Bogle  
RD 307: James Johas  
RD 537: Tom Ramos  
RD 765: David Dickson, Jr.  
RD 787: Dominic Bruno  
RD 2035: Jesse Clark\*  
Madison CSD: Leo Refsland  
Yocha Dehe Wintun Nation: Marc Fawns  
Yolo County – Mary Vixie Sandy\*\*  
Rumsey Water Users Association: (Mica Bennett)  
Yolo County Flood Control & Water Conservation District (YCFC&WCD): Tom  
Barth, (Shane Tucker\*)  
Cal Am Water – Dunnigan: Evan Jacobs  
Colusa Drain Mutual Water Company: Lynnel Pollock  
Yolo County Farm Bureau: Lee Smith  
Environmental Representative: Ann Brice

Absent: Esparto CSD, RD 730, RD 999, RD 1600, UC Davis

\*remote attendance, member was non-voting

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

2. **ADDING ITEMS TO THE POSTED AGENDA:** Nothing to report.
3. **PUBLIC FORUM:** Ben King commented on his findings about chromium mobilization from serpentine rock. He provided backup documentation to Kristin.
4. **CONSIDERATION: CONSENT ITEMS**
  - a. Approve January 22 Board of Directors Meeting Minutes
  - b. Receive Fiscal Year 23/24 Financial Statements: 1/17 – 3/11/24
  - c. Receive minutes of Executive Committee: 1/12/24
  - d. Authorize Entering into Contract with Frame Surveying and Mapping

Action: Approve item 4a as presented.

Motion: RD 108 (Cornwell)

Second: Cal Am Dunnigan (Evans)

Discussion: No further discussion.

Vote: Approved (roll call attached).

Action: Approve item 4d as presented.

Motion: YCFCWCD (Barth)

Second: RD 108 (Cornwell)

Discussion: No further discussion.

Vote: Approved (roll call attached).

5. **REPORT OF THE CHAIR AND EXECUTIVE OFFICER**

Kristin Sicke, Executive Officer, provided an overview of her report included in the agenda packet. She also provided a preliminary overview of the Water Year 2023 Annual Report and an update on DWR's [new well permitting report](#).

6. **PRESENTATION: GSA AUTHORITY**

Rebecca Smith, Legal Counsel, presented an overview on SGMA and GSA authority to implement a GSP. The slides are posted to the [YSGA website](#).

Board discussion

The Board discussed with Rebecca how the authorities she presented apply to the well permit review process.

Public comment

Ben King expressed his concerns about agency transparency, potential conflicts of interest, GSP water quality thresholds, and coordination with Colusa Subbasin.

7. **CONSIDERATION: 2-TIER WELL PERMIT REVIEW PROCEDURES**

- a. Update on Draft 2-Tier Well Permit Review Process: Kristin provided an overview of the drafted 2-tier well permit review procedures and proposed a public review period from March 19 – April 2.

Board discussion

Bennett: Asked whether staff feel confident they have enough guidelines to make a decision on each permit. Kristin responded that West Yost has provided decision thresholds to minimize confusion. Smith: Asked for clarification about what statements the PG or CHG would provide their certification on and how they would support their certification. Erik clarified that the guidelines are outlined extensively in the drafted TM.

Vaitla: Are there any concerns about staff capacity to perform Tier 1 analysis? Does Tier 1 analysis help the GSA fill data gaps, or is most of that value contained in Tier 2? Sicke: There will be a large effort at the outset, but once the backlog is cleared there should be no capacity issues. The most value for data gap filling will probably be the construction information requirements imposed on all wells in the Subbasin.

Jacobs: Asked about public outreach for the comment period. Outreach will occur mainly through the YSGA listserv. Current well permit applicants and well drillers will be noticed also.

Public comment

Kathi Parks expressed concerns about the costs to applicants. Kristin read out a written comment from Isaac Avalos, who expressed concerns about impacts to neighboring wells and public transparency.

- b. Approve Updated Well Permitting Procedures and Public Comment Period for Draft Technical Memorandum and Focus Areas Map: Rebecca Smith provided an overview of her drafted well permitting procedures.

Action: Approve item 7b as presented.

Motion: Dunnigan Water District (Schaad)

Second: RD 108 (Cornwell)

Discussion: Pollock: Asked whether current well permit fees would be adequate to cover this cost or if additional fees will be needed. Kristin predicts the current fees will be adequate but will reassess once the process begins.

Vote: Approved (roll call attached).

8. **MEMBERS' REPORTS AND FUTURE AGENDA ITEMS:** NCWA will provide an update on drafted well permitting legislation when available. Director Schaad requested an update on the governance structure and fee study process.
9. **NEXT MEETING:** May 20, 2024
10. **ADJOURNMENT:** Vice Chair Lee adjourned the meeting at 4:40 p.m.

Respectfully submitted,



Kristin Sicke, Executive Officer

	Agency	Name	Board/ Alternate	ATTENDANCE	VOTE - ITEM 4	VOTE - ITEM 7
1	City of Davis	Bapu Vaitla	<b>Board</b>	X <i>(Item 5-end)</i>	Absent	Aye
		Stan Gryczko	Alternate			
		Richard Tsai	Alternate			
2	City of West Sacramento	Verna Sulpizio Hull	<b>Board</b>	X	Aye	Aye
3	City of Winters	Carol Scianna	<b>Board</b>	X	Aye	Aye
		Jesse Loren	Alternate			
4	City of Woodland	Mayra Vega	<b>Board</b>	X <i>(Item 5-end)</i>	Absent	Aye
		Vicky Fernandez	Alternate			
5	Dunnigan Water District	David Schaad	<b>Board</b>	X	Aye	Aye
		Bill Vanderwaal	Alternate	X*		
6	Esparto CSD	Pierce Scott	<b>Board</b>	Absent	Absent	Absent
		Alex Lepley	Alternate			
7	Madison CSD	Leo Refsland	<b>Board</b>	X	Aye	Aye
8	RD 108	Roger Cornwell	<b>Board</b>	X	Aye	Aye
		Bill Vanderwaal	Alternate	X*		
9	RD 150	Warren Bogle	<b>Board</b>	X	Aye	Aye
10	RD 307	James Johas	<b>Board</b>	X	Aye	Aye
		Karen Chesnut	Alternate			
11	RD 537	Tom Ramos	<b>Board</b>	X	Aye	Aye
12	RD 730	Jim Heidrick	<b>Board</b>	Absent	Absent	Absent
13	RD 765	David Dickson, Jr.	<b>Board</b>	X	Aye	Aye
		Doug Dickson, Sr.	Alternate			
14	RD 787	Dominic Bruno	<b>Board</b>	X	Aye	Aye
			Alternate			
15	RD 999	Tom Slater	<b>Board</b>	Absent	Absent	Absent
16	RD 1600	Michele Clark	<b>Board</b>	Absent	Absent	Absent
17	RD 2035	Kyriakos Tsakopoulos	<b>Board</b>			
		Jesse Clark	Alternate	X	Abstain	Abstain
18	Rumsey Water Users Association	Ken Muller	<b>Board</b>			
		Mica Bennett	Alternate	X	Aye	Aye
19	Yocha Dehe Wintun Nation	Marc Fawns	<b>Board</b>	X	Aye	Aye
		Jim Etters	Alternate			
20	Yolo County	Mary Vixie Sandy	<b>Board</b>	X**	Aye	Abstain
		Angel Barajas	Alternate			
21	YCFC&WCD	Tom Barth	<b>Board</b>	X	Aye	Aye
		Shane Tucker	Alternate	X*		
22	UC Davis	Andrew Fulks	<b>Board</b>	Absent	Absent	Absent
		Kelli O'Day	Alternate			
23	Cal Am Water - Dunnigan	Evan Jacobs	<b>Board</b>	X	Aye	Aye
		Audie Foster	Alternate			
24	Colusa Drain MWC	Lynnel Pollock	<b>Board</b>	X	Aye	Aye
		Jim Wallace	Alternate			
25	Yolo County Farm Bureau	Lee Smith	<b>Board</b>	X	Aye	Aye
		Denise Sagara	Alternate			
26	Environmental Rep.	Ann Brice	<b>Board</b>	X	Aye	Aye

\*remote attendance, member was non-voting

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



Agency	Name	Attendance
<b><i>OTHER YSGA STAFF:</i></b>		
Executive Officer	Kristin Sicke	X
Legal Counsel	Rebecca Smith	X
YSGA Staff	Sarah Leicht	X
YSGA Staff	Nathan Fisher	X
West Yost	Erik Cadaret	X
West Yost	Ken Loy	X
<b><i>PUBLIC AND AGENCY STAFF:</i></b>		
	Damoon Rejaei	X
	Ryan Fulton	X
CA DWR	Nick Vadpey	X
	John Fawcett	X
	Isaac Avalos	X
	Matt Brady	X
	Monica Quezada	X
	Matt Frank	X
Yolo County	Elisa Sabatini	X
Yolo RCD	Kate Reza	X
	Daniel Ramos	X
	David Pratt	X
Yolo County	Kimberly Hood	X
	Maddie Munson	X
Wild Wings CSA	Lachi Richards	X
	Ben King	X
	Jackie Lundy	X
	Rod Scheaffer	X
	Ann Main	X
	Kurt Balasek	X

## Yolo Subbasin Groundwater Agency

## Balance Sheet

As of May 16, 2024

	<u>May 16, 24</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
1000 · 1st Northern-Checking	75,120.47
1010 · 1st Northern-Savings	5,671.89
1020 · Yolo County Treasury	958,631.68
<b>Total Checking/Savings</b>	<u>1,039,424.04</u>
<b>Accounts Receivable</b>	
1100 · Accounts Receivable	220,640.87
<b>Total Accounts Receivable</b>	<u>220,640.87</u>
<b>Other Current Assets</b>	
1150 · Prepaid Insurance	492.25
<b>Total Other Current Assets</b>	<u>492.25</u>
<b>Total Current Assets</b>	<u>1,260,557.16</u>
<b>Other Assets</b>	
1500 · Grant Award Unbilled	7,696,359.13
<b>Total Other Assets</b>	<u>7,696,359.13</u>
<b>TOTAL ASSETS</b>	<b><u>8,956,916.29</u></b>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Liabilities</b>	
<b>Current Liabilities</b>	
<b>Accounts Payable</b>	
2000 · Accounts Payable	144,950.07
<b>Total Accounts Payable</b>	<u>144,950.07</u>
<b>Total Current Liabilities</b>	<u>144,950.07</u>
<b>Total Liabilities</b>	<u>144,950.07</u>
<b>Equity</b>	
3000 · Unassigned Fund Balance	-24,000.00
3010 · Nonspendable Fund Balance	492.00
3200 · Retained Earnings	943,164.79
3300 · Assigned Fund Balance	24,000.00
3400 · Grantor Fund Balance	
3401 · Grant Administration	613,900.00
3402 · YSGA GSP Implementation	1,580,641.42
3403 · YCFCWCD Winter Water Recharge	2,576,554.91
3404 · City of Winters Feasibility Stu	580,000.00
3405 · Yolo-Zamora Grndwtr Recharge Pi	1,164,262.80
3406 · Dunnigan Area Recharge Program	1,181,000.00
<b>Total 3400 · Grantor Fund Balance</b>	<u>7,696,359.13</u>
<b>Net Income</b>	<u>171,950.30</u>
<b>Total Equity</b>	<u>8,811,966.22</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b><u>8,956,916.29</u></b>

## Yolo Subbasin Groundwater Agency

## Budget vs Actual

July 1, 2023 through May 16, 2024

	Jul 1, '23 - May 16, ...	Budget	% of Budget
<b>Ordinary Income/Expense</b>			
<b>Income</b>			
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%
4600 · Direct Contributions - IRWM Fee	7,157.71	7,157.00	100.0%
4700 · Well Permitting Regulatory Fees	5,913.81	10,000.00	59.1%
4810 · Grants Invoiced/Received	220,640.87	0.00	100.0%
4900 · Interest Income	26,480.08	12,000.00	220.7%
<b>Total Income</b>	<b>723,203.97</b>	<b>512,169.00</b>	<b>141.2%</b>
<b>Expense</b>			
5100 · Bank & Other Fees	50.00	1,500.00	3.3%
5300 · Insurance-General & Auto	2,069.00	2,500.00	82.8%
5500 · Membership Dues	24,040.00	25,000.00	96.2%
7000 · Admin. Expenses	2,740.50	5,000.00	54.8%
7100 · Project Mgmt-SGMA Implementatio	171,994.11	260,000.00	66.2%
7125 · Buckeye Creek Recharge Project	0.00	8,863.00	0.0%
7200 · Consultant Services	62,273.75	200,000.00	31.1%
7300 · Legal Services	28,296.90	20,000.00	141.5%
7350 · Audit Services - Financial	7,800.00	7,800.00	100.0%
7400 · GSP - Related Consultant Costs	46,146.58	75,000.00	61.5%
7600 · YC Groundwater Monitor Program	10,435.17	90,000.00	11.6%
7700 · GSP Verif in Well Permit Review	6,909.12	10,000.00	69.1%
8100 · {A} Component Administration	6,260.81	0.00	100.0%
8200 · {B} Environmtl/Engineer/Design	161,482.63	0.00	100.0%
8300 · {C} Construction/Implementation	12,908.80	0.00	100.0%
8400 · {D} Monitoring/Assessment	307.50	0.00	100.0%
8500 · {E} Engagement/Outreach	7,538.80	0.00	100.0%
<b>Total Expense</b>	<b>551,253.67</b>	<b>705,663.00</b>	<b>78.1%</b>
<b>Net Ordinary Income</b>	<b>171,950.30</b>	<b>-193,494.00</b>	<b>-88.9%</b>
<b>Other Income/Expense</b>			
<b>Other Income</b>			
9800 · Grants Awarded	7,917,000.00	0.00	100.0%
<b>Total Other Income</b>	<b>7,917,000.00</b>	<b>0.00</b>	<b>100.0%</b>
<b>Other Expense</b>			
9900 · Grant Awards Deferred	7,917,000.00	0.00	100.0%
<b>Total Other Expense</b>	<b>7,917,000.00</b>	<b>0.00</b>	<b>100.0%</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.0%</b>
<b>Net Income</b>	<b>171,950.30</b>	<b>-193,494.00</b>	<b>-88.9%</b>

## Yolo Subbasin Groundwater Agency

## Statement of Cash Flows

July 1, 2023 through May 16, 2024

	<u>Jul 1, '23 - May 16, 24</u>
<b>OPERATING ACTIVITIES</b>	
Net Income	171,950.30
Adjustments to reconcile Net Income to net cash provided by operations:	
1100 · Accounts Receivable	-220,640.87
2000 · Accounts Payable	49,057.86
	<hr/>
Net cash provided by Operating Activities	367.29
<b>INVESTING ACTIVITIES</b>	
1500 · Grant Award Unbilled	-7,696,359.13
	<hr/>
Net cash provided by Investing Activities	-7,696,359.13
<b>FINANCING ACTIVITIES</b>	
3400 · Grantor Fund Balance:3401 · Grant Administration	613,900.00
3400 · Grantor Fund Balance:3402 · YSGA GSP Implementation	1,580,641.42
3400 · Grantor Fund Balance:3403 · YCFWCD Winter Water Recharge	2,576,554.91
3400 · Grantor Fund Balance:3404 · City of Winters Feasibility Stu	580,000.00
3400 · Grantor Fund Balance:3405 · Yolo-Zamora Grndwtr Recharge Pi	1,164,262.80
3400 · Grantor Fund Balance:3406 · Dunnigan Area Recharge Program	1,181,000.00
	<hr/>
Net cash provided by Financing Activities	7,696,359.13
	<hr/>
Net cash increase for period	367.29
Cash at beginning of period	1,039,056.75
	<hr/>
Cash at end of period	<u><u>1,039,424.04</u></u>

## Yolo Subbasin Groundwater Agency Profit & Loss

July 1, 2023 through May 16, 2024

Accrual Basis

	Jul 23	Aug 23	Sep 23	Oct 23	Nov 23	Dec 23	Jan 24	Feb 24	Mar 24	Apr 24	May 1 - 16, 24	TOTAL
<b>Ordinary Income/Expense</b>												
<b>Income</b>												
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	160,000.00
4100 - Member Contributions-Rural	237,841.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	237,841.50
4200 - Member Contributions-Affiliates	65,170.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	65,170.00
4600 - Direct Contributions - IRWM Fee	0.00	0.00	0.00	0.00	7,157.57	0.00	0.00	0.00	0.00	0.00	0.14	7,157.71
4700 - Well Permitting Regulatory Fees	350.00	22.00	1,750.00	0.00	350.00	1,200.00	471.81	1,550.00	220.00	0.00	0.00	5,913.81
4810 - Grants Invoiced/Received	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	220,640.87	0.00	0.00	220,640.87
4900 - Interest Income	0.00	0.00	1.43	0.00	3,414.99	1.43	12,098.99	0.00	1.41	10,961.83	0.00	26,480.08
<b>Total Income</b>	<b>463,361.50</b>	<b>22.00</b>	<b>1,751.43</b>	<b>0.00</b>	<b>10,922.56</b>	<b>1,201.43</b>	<b>12,570.80</b>	<b>1,550.00</b>	<b>220,862.28</b>	<b>10,961.83</b>	<b>0.14</b>	<b>723,203.97</b>
<b>Expense</b>												
5100 - Bank & Other Fees	0.00	0.00	0.00	0.00	25.00	0.00	25.00	0.00	0.00	0.00	0.00	50.00
5300 - Insurance-General & Auto	492.25	100.00	0.00	0.00	1,476.75	0.00	0.00	0.00	0.00	0.00	0.00	2,069.00
5500 - Membership Dues	0.00	0.00	0.00	0.00	21,500.00	0.00	2,540.00	0.00	0.00	0.00	0.00	24,040.00
7000 - Admin. Expenses	15.84	3.15	496.51	46.95	291.44	1.26	908.46	125.85	577.44	273.60	0.00	2,740.50
7100 - Project Mgmt-SGMA Implementatio	0.00	0.00	65,968.81	0.00	0.00	0.00	58,862.50	0.00	47,162.80	0.00	0.00	171,994.11
7200 - Consultant Services	11,751.25	14,912.50	11,877.50	5,576.25	4,910.00	3,243.75	4,952.50	2,541.25	2,208.75	300.00	0.00	62,273.75
7300 - Legal Services	500.00	685.50	6,355.00	0.00	10,318.50	0.00	1,989.90	2,688.00	5,760.00	0.00	0.00	28,296.90
7350 - Audit Services - Financial	7,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7,800.00
7400 - GSP - Related Consultant Costs	0.00	0.00	0.00	0.00	8,790.31	0.00	12,403.33	14,543.19	10,409.75	0.00	0.00	46,146.58
7600 - YC Groundwater Monitor Program	0.00	0.00	8,230.00	0.00	0.00	0.00	1,840.00	0.00	365.17	0.00	0.00	10,435.17
7700 - GSP Verif in Well Permit Review	0.00	0.00	1,333.80	0.00	0.00	0.00	2,446.40	0.00	3,128.92	0.00	0.00	6,909.12
8100 - {A} Component Administration	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1,720.00	1,122.25	3,418.56	0.00	6,260.81
8200 - {B} Environmtl/Engineer/Design	591.25	0.00	0.00	0.00	43,531.56	0.00	5,494.50	21,739.52	82,236.49	7,889.31	0.00	161,482.63
8300 - {C} Construction/Implementation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12,908.80	0.00	0.00	12,908.80
8400 - {D} Monitoring/Assessment	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	307.50	0.00	0.00	307.50
8500 - {E} Engagement/Outreach	0.00	0.00	0.00	0.00	0.00	0.00	0.00	645.00	3,964.50	2,929.30	0.00	7,538.80
<b>Total Expense</b>	<b>21,150.59</b>	<b>15,701.15</b>	<b>94,261.62</b>	<b>5,623.20</b>	<b>90,843.56</b>	<b>3,245.01</b>	<b>91,462.59</b>	<b>44,002.81</b>	<b>170,152.37</b>	<b>14,810.77</b>	<b>0.00</b>	<b>551,253.67</b>
<b>Net Ordinary Income</b>	<b>442,210.91</b>	<b>-15,679.15</b>	<b>-92,510.19</b>	<b>-5,623.20</b>	<b>-79,921.00</b>	<b>-2,043.58</b>	<b>-78,891.79</b>	<b>-42,452.81</b>	<b>50,709.91</b>	<b>-3,848.94</b>	<b>0.14</b>	<b>171,950.30</b>
<b>Other Income/Expense</b>												
<b>Other Income</b>												
9800 - Grants Awarded	0.00	0.00	0.00	0.00	0.00	0.00	7,917,000.00	0.00	0.00	0.00	0.00	7,917,000.00
<b>Total Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,917,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,917,000.00</b>
<b>Other Expense</b>												
9900 - Grant Awards Deferred	0.00	0.00	0.00	0.00	0.00	0.00	7,917,000.00	0.00	0.00	0.00	0.00	7,917,000.00
<b>Total Other Expense</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,917,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>7,917,000.00</b>
<b>Net Other Income</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>Net Income</b>	<b>442,210.91</b>	<b>-15,679.15</b>	<b>-92,510.19</b>	<b>-5,623.20</b>	<b>-79,921.00</b>	<b>-2,043.58</b>	<b>-78,891.79</b>	<b>-42,452.81</b>	<b>50,709.91</b>	<b>-3,848.94</b>	<b>0.14</b>	<b>171,950.30</b>

**Yolo Subbasin Groundwater Agency  
A/P Aging Summary  
As of May 16, 2024**

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	<u>Current</u>	<u>1 - 30</u>	<u>31 - 60</u>	<u>61 - 90</u>	<u>&gt; 90</u>	<u>TOTAL</u>
Consero Solutions	0.00	0.00	1,368.75	0.00	0.00	1,368.75
Richardson & Company LLP	0.00	0.00	0.00	0.00	15,300.00	15,300.00
Stockholm Environment Institute, Inc.	0.00	2,906.06	0.00	0.00	0.00	2,906.06
Water & Land Solutions, LLC	8,882.11	0.00	0.00	0.00	0.00	8,882.11
Yolo County Flood Control & WCD	69.96	116,423.19	0.00	0.00	0.00	116,493.15
<b>TOTAL</b>	<b><u>8,952.07</u></b>	<b><u>119,329.25</u></b>	<b><u>1,368.75</u></b>	<b><u>0.00</u></b>	<b><u>15,300.00</u></b>	<b><u>144,950.07</u></b>

## Yolo Subbasin Groundwater Agency Transaction List by Date March 12 through May 16, 2024

Type	Date	Num	Name	Memo	Account	Cir	Split	Amount
<b>Mar 12 - May 16, 24</b>								
Bill	03/14/2024	9004176237	Safeguard	YSGA Check Order (250ct)	2000 · Accounts Payable		7000 · Admin. Expenses	-256.94
Deposit	03/29/2024			Interest	1010 · 1st Northern-Savings	X	4900 · Interest Income	1.41
Bill	03/31/2024	3379	LedgerPro Bookkeeping	March Bookkeeping Services	2000 · Accounts Payable		7200 · Consultant Services	-840.00
Bill	03/31/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 3/1 - 3/31/2024	2000 · Accounts Payable		7000 · Admin. Expenses	-77.30
Bill	03/31/2024	2024.0331	Yolo County Flood Control & WCD	Expenses 01/01/2024 - 3/31/2024	2000 · Accounts Payable		-SPLIT-	-50,900.09
Bill	03/31/2024	599374	Downey Brand LLP	Services rendered through March 31, 2024	2000 · Accounts Payable		7300 · Legal Services	-5,760.00
Bill	03/31/2024	3864	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge Pilot Project 12/23 - 03/24	2000 · Accounts Payable		-SPLIT-	-14,836.49
Bill	03/31/2024	9312	Stockholm Environment Institute, Inc.	Costs for period March 1 to March 31, 2024	2000 · Accounts Payable		8200 · (B) Environmtl/Engineer/Design	-13,033.25
Bill	03/31/2024	41065	Leafbird Consulting, LLC	Costs for period March 1 - March 31, 2024	2000 · Accounts Payable		8200 · (B) Environmtl/Engineer/Design	-6,794.00
Bill	03/31/2024	2057464	West Yost	Professional services from February 10, 2024 to March 8, 2024	2000 · Accounts Payable		7400 · GSP - Related Consultant Costs	-10,479.75
Bill	03/31/2024	46-15XXX-01	Department of Water Resources	Services rendered through February 25, 2024	2000 · Accounts Payable		8200 · (B) Environmtl/Engineer/Design	-430.00
Bill	03/31/2024	DRAFT10/4/22-3/...	Yolo County Flood Control & WCD	SGMA Grant Reimbursable Costs	2000 · Accounts Payable		-SPLIT-	-65,445.80
Invoice	03/31/2024	46-15XXX-01	Department of Water Resources	DRAFT INVOICE TO DATE 5/16/24	1100 · Accounts Receivable		-SPLIT-	220,640.87
General Journal	03/31/2024	CJD aje-282	Department of Water Resources	Record DRAFT invoice prepared to DWR for October 4, 2022 - March 31, 2024 for expense i...	1500 · Grant Award Unbilled		-SPLIT-	-220,640.87
Bill	03/31/2024	1995	Consero Solutions	March services performed	2000 · Accounts Payable		7200 · Consultant Services	-1,368.75
Deposit	04/01/2024			Q3 Interest Apportionment	1020 · Yolo County Treasury	X	4900 · Interest Income	10,961.83
Check	04/01/2024		County of Yolo	Q3 Interest Apportionment Fees	1020 · Yolo County Treasury	X	7000 · Admin. Expenses	-203.64
Bill Pmt -Check	04/04/2024	325	Consero Solutions	February services performed	1000 · 1st Northern-Checking		2000 · Accounts Payable	-2,401.25
Bill Pmt -Check	04/04/2024	326	Downey Brand LLP	Services rendered through January 31, 2024	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-2,688.00
Bill Pmt -Check	04/04/2024	327	Leafbird Consulting, LLC	Costs for period February 1 - February 29, 2024	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-6,162.00
Bill Pmt -Check	04/04/2024	328	LedgerPro Bookkeeping	Inv #s 3341/3379 Feb/Mar	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-980.00
Bill Pmt -Check	04/04/2024	329	Luhdorff & Scalmanini	Services rendered through December 31, 2023	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-3,870.00
Bill Pmt -Check	04/04/2024	330	Safeguard	YSGA Check Order (250ct)	1000 · 1st Northern-Checking		2000 · Accounts Payable	-256.94
Bill Pmt -Check	04/04/2024	331	Stockholm Environment Institute, Inc.	Costs for period project initiation through February 29, 2024	1000 · 1st Northern-Checking		2000 · Accounts Payable	-10,127.19
Bill Pmt -Check	04/04/2024	332	West Yost	Professional services from January 6, 2024 to February 9, 2024	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-18,488.52
Bill Pmt -Check	04/04/2024	333	Yolo County Flood Control & WCD	Feb/Mar Copies & Postage	1000 · 1st Northern-Checking	X	2000 · Accounts Payable	-125.85
Payment	04/04/2024	ACH #19739	Reclamation District 2035	2nd Half Year Dues	1200 · Undeposited Funds	X	1100 · Accounts Receivable	9,500.00
Deposit	04/04/2024			Deposit	1000 · 1st Northern-Checking	X	1200 · Undeposited Funds	9,500.00
Payment	04/05/2024	4633	Colusa Drain Mutual Water Comany	2nd Half Year Dues	1200 · Undeposited Funds	X	1100 · Accounts Receivable	5,000.00
Transfer	04/11/2024			Funds Transfer	1020 · Yolo County Treasury	X	1000 · 1st Northern-Checking	-45,100.00
Deposit	04/11/2024			2nd Half Year Dues	1020 · Yolo County Treasury	X	-SPLIT-	8,250.25
Bill	04/30/2024	3436	LedgerPro Bookkeeping	Inv #3436 April Bookkeeping Services	2000 · Accounts Payable		7200 · Consultant Services	-300.00
Bill	04/30/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 4/1 - 4/30/2024	2000 · Accounts Payable		7000 · Admin. Expenses	-69.96
Bill	04/30/2024	4	Leafbird Consulting, LLC	Costs for period April 1 - April 30, 2024	2000 · Accounts Payable		8200 · (B) Environmtl/Engineer/Design	-2,449.00
Bill	04/30/2024	3916	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge Pilot Project 4/1 - 4/30	2000 · Accounts Payable		-SPLIT-	-8,882.11
Bill	04/30/2024	9371	Stockholm Environment Institute, Inc.	Costs for period April 1 to April 30, 2024	2000 · Accounts Payable		8100 · (A) Component Administration	-2,906.06
Payment	05/03/2024	Transfer	Water Resources Association	Close WRA Bank Accounts	1000 · 1st Northern-Checking		1100 · Accounts Receivable	7,132.71
Invoice	05/07/2024	2023-30	Water Resources Association	WRA LAIF and Checking Balances earned interest before account was closed and balance tr...	1100 · Accounts Receivable		4600 · Direct Contributions - IRWM Fee	0.14
Bill Pmt -Check	05/14/2024	334	Downey Brand LLP	Services rendered through March 31, 2024	1000 · 1st Northern-Checking		2000 · Accounts Payable	-5,760.00
Bill Pmt -Check	05/14/2024	335	Leafbird Consulting, LLC	Invoices #3 & 4	1000 · 1st Northern-Checking		2000 · Accounts Payable	-9,243.00
Bill Pmt -Check	05/14/2024	336	LedgerPro Bookkeeping	Inv #3436 April Bookkeeping Services	1000 · 1st Northern-Checking		2000 · Accounts Payable	-300.00
Bill Pmt -Check	05/14/2024	337	Luhdorff & Scalmanini	Services rendered through February 25, 2024	1000 · 1st Northern-Checking		2000 · Accounts Payable	-430.00
Bill Pmt -Check	05/14/2024	338	Stockholm Environment Institute, Inc.	Costs for period March 1 to March 31, 2024	1000 · 1st Northern-Checking		2000 · Accounts Payable	-13,033.25
Bill Pmt -Check	05/14/2024	339	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge Pilot Project 12/23 - 03/24	1000 · 1st Northern-Checking		2000 · Accounts Payable	-14,836.49
Bill Pmt -Check	05/14/2024	340	West Yost	Professional services from February 10, 2024 to March 8, 2024	1000 · 1st Northern-Checking		2000 · Accounts Payable	-10,409.75
Transfer	05/14/2024			Funds Transfer	1020 · Yolo County Treasury		1000 · 1st Northern-Checking	-88,500.00
<b>Mar 12 - May 16, 24</b>								

**Yolo Subbasin Groundwater Agency**  
**Open Invoices**  
As of May 16, 2024

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Type	Date	Num	P. O. #	Name	Terms	Due Date	Aging	Open Balance
<b>Department of Water Resources</b>								
Invoice	03/31/2024	46-15XXX-01	DRAFT	Department of Water Resources	Net 90	06/29/2024		220,640.87
Total Department of Water Resources								220,640.87
<b>TOTAL</b>								<b>220,640.87</b>



## Yolo Subbasin Groundwater Agency Upcoming Cash Requirements As of May 16, 2024

	Type	Date	Num	Name	Memo	Due Date	Aging	Open Balance
<b>Current</b>								
	Bill	04/30/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 4/1 - 4/30/2024	05/30/2024		69.96
	Bill	04/30/2024	3916	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge Pilot Project 4/1 - 4/30	05/30/2024		8,882.11
<b>Total Current</b>								8,952.07
<b>1 - 30</b>								
	Bill	03/31/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 3/1 - 3/31/2024	04/30/2024	16	77.30
	Bill	03/31/2024	2024.0331	Yolo County Flood Control & WCD	Expenses 01/01/2024 - 3/31/2024	04/30/2024	16	50,900.09
	Bill	03/31/2024	DRAFT10/4/22-3/31/24	Yolo County Flood Control & WCD	SGMA Grant Reimbursable Costs	04/30/2024	16	65,445.80 **
	Bill	04/30/2024	9371	Stockholm Environment Institute, Inc.	Costs for period April 1 to April 30, 2024	05/10/2024	6	2,906.06
<b>Total 1 - 30</b>								119,329.25
<b>31 - 60</b>								
	Bill	03/31/2024	1995	Consero Solutions	March services performed	04/10/2024	36	1,368.75
<b>Total 31 - 60</b>								1,368.75
<b>61 - 90</b>								
<b>Total 61 - 90</b>								
<b>&gt; 90</b>								
	Bill	06/30/2023	FY2022	Richardson & Company LLP	Audit services for FY2022 not to exceed \$7,500	06/30/2023	321	7,500.00
	Bill	07/01/2023	FY2023	Richardson & Company LLP	Audit services not to exceed \$7,800.00 for FY 2023	12/31/2023	137	7,800.00
<b>Total &gt; 90</b>								15,300.00 *
<b>TOTAL</b>								<u><u>144,950.07</u></u>
								<b>Current Cash Balance {Checking Only}</b>
								75,120.47
								<b>Ending Cash Balance After Paying Bills Actually Owed</b>
								10,916.20
								<b>Desired Reserve in Checking/Savings (Per Assigned Fund Balance)</b>
								24,000.00
								<b>Ending Cash Reserve or (Transfer Needed)</b>
								<b>(13,083.80)</b>

*\*Richardson invoices not yet received - Audit not yet complete  
Dated to reflect consistency with reporting years*

*\*\*DRAFT invoice not yet finalized - additional expenses to be added prior  
to Grant reimbursement submission. Dated 3/31 to meet reporting needs.*

**Yolo Subbasin Groundwater Agency  
Profit & Loss by Grant Component**

Accrual Basis

All Transactions

	1 - Grant Administration (SGMA Impl Grant)	2 - YSGA GSP Implementation (SGMA Impl Grant)	3 - YFCWCD Winter Recharge Pro (SGMA Impl Grant)	4 - City of Winters Feasibility (SGMA Impl Grant)	5 - Yolo-Zamora Grndwtr Rechrge (SGMA Impl Grant)	6 - Dunnigan Area Recharge (SGMA Impl Grant)	Total SGMA Impl Grant	TOTAL
<b>Ordinary Income/Expense</b>								
<b>Income</b>								
4810 - Grants Invoiced/Received	0.00	140,358.58	23,445.09	0.00	56,837.20	0.00	220,640.87	220,640.87
<b>Total Income</b>	0.00	140,358.58	23,445.09	0.00	56,837.20	0.00	220,640.87	220,640.87
<b>Expense</b>								
8100 - (A) Component Administration	0.00	4,626.06	0.00	0.00	1,634.75	0.00	6,260.81	6,260.81
8200 - (B) Environmtl/Engineer/Design	0.00	140,442.58	19,883.00	0.00	47,536.55	0.00	207,862.13	207,862.13
8300 - (C) Construction/Implementation	0.00	0.00	3,562.09	0.00	9,346.71	0.00	12,908.80	12,908.80
8400 - (D) Monitoring/Assessment	0.00	0.00	0.00	0.00	307.50	0.00	307.50	307.50
8500 - (E) Engagement/Outreach	0.00	645.00	0.00	0.00	6,893.80	0.00	7,538.80	7,538.80
<b>Total Expense</b>	0.00	145,713.64	23,445.09	0.00	65,719.31	0.00	234,878.04	234,878.04
<b>Net Ordinary Income</b>	0.00	-5,355.06	0.00	0.00	-8,882.11	0.00	-14,237.17	-14,237.17
<b>Other Income/Expense</b>								
<b>Other Income</b>								
9800 - Grants Awarded	613,900.00	1,721,000.00	2,600,000.00	580,000.00	1,221,100.00	1,181,000.00	7,917,000.00	7,917,000.00
<b>Total Other Income</b>	613,900.00	1,721,000.00	2,600,000.00	580,000.00	1,221,100.00	1,181,000.00	7,917,000.00	7,917,000.00
<b>Other Expense</b>								
9900 - Grant Awards Deferred	613,900.00	1,721,000.00	2,600,000.00	580,000.00	1,221,100.00	1,181,000.00	7,917,000.00	7,917,000.00
<b>Total Other Expense</b>	613,900.00	1,721,000.00	2,600,000.00	580,000.00	1,221,100.00	1,181,000.00	7,917,000.00	7,917,000.00
<b>Net Other Income</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>Net Income</b>	<b>0.00</b>	<b>-5,355.06</b>	<b>0.00</b>	<b>0.00</b>	<b>-8,882.11</b>	<b>0.00</b>	<b>-14,237.17</b>	<b>-14,237.17</b>

**Yolo Subbasin Groundwater Agency**  
**Unbilled Grant Costs By Budget Category**  
 As of March 31, 2024

Type	Date	Num	Name	Source Name	Memo	Class	Split	Debit	Credit	Balance
<b>8100 - {A} Component Administration</b>										
Bill	02/17/2024	40814	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through December 31, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	1,720.00		1,720.00
Bill	03/31/2024	3864	Department of Water Resources	Water & Land Solutions, LLC	Dec 2023 - March 2024	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	1,122.25		2,842.25
Total 8100 - {A} Component Administration								2,842.25	0.00	2,842.25
<b>8200 - {B} Environmtl/Engineer/Design</b>										
Bill	12/22/2022	8788	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period October 1 to November 30, 2022 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	20,656.00		20,656.00
Bill	01/20/2023	8847	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period December 1 to December 31, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	3,971.00		24,627.00
Bill	01/29/2023	39408	Department of Water Resources	Luhdorff & Scalmanini	Services through January 29, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	4,945.00		29,572.00
Bill	03/16/2023	39585	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through February 26, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	4,447.50		34,019.50
Bill	04/11/2023	8912	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period January 1 to March 31, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	12,360.00		46,379.50
Bill	07/31/2023	40082	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through July 30, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	591.25		46,970.75
Bill	11/09/2023	2055...	Department of Water Resources	West Yost	Professional services from October 7, 2023 to November 3, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	10,537.49		57,508.24
Bill	11/15/2023	2055...	Department of Water Resources	West Yost	Professional services from September 9, 2023 to October 6, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	8,693.59		66,201.83
Bill	11/15/2023	2054...	Department of Water Resources	West Yost	Professional services from July 8, 2023 to August 4, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	2,792.57		68,994.40
Bill	11/15/2023	2055...	Department of Water Resources	West Yost	Professional services from August 5, 2023 to September 8, 2023 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	21,507.91		90,502.31
Bill	01/31/2024	9268	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period November 1 to January 31, 2024 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	2,650.50		93,152.81
Bill	01/31/2024	1	Department of Water Resources	Leafbird Consulting, LLC	Costs for period January 1 - January 31, 2024 {PP:7200}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	2,844.00		95,996.81
Bill	02/17/2024	2056...	Department of Water Resources	West Yost	Professional services from January 6, 2024 to February 9, 2024 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	3,945.33		99,942.14
Bill	02/17/2024	40814	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through December 31, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	1,505.00		101,447.14
Bill	02/29/2024	2	Department of Water Resources	Leafbird Consulting, LLC	Costs for period February 1 - February 29, 2024 {PP:7200}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	6,162.00		107,609.14
Bill	02/29/2024	9284	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period project initiation through February 29, 2024 {PP:7400}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	10,127.19		117,736.33
Bill	03/31/2024	3864	Department of Water Resources	Water & Land Solutions, LLC	Dec 2023 - March 2024	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	9,442.24		127,178.57
Bill	03/31/2024	9312	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period March 1 to March 31, 2024	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	13,033.25		140,211.82
Bill	03/31/2024	3	Department of Water Resources	Leafbird Consulting, LLC	Costs for period March 1 - March 31, 2024	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	6,794.00		147,005.82
Bill	03/31/2024	41065	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through February 25, 2024	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	430.00		147,435.82
Bill	03/31/2024	DRA...	Department of Water Resources	Yolo County Flood Control & WCD	MBK Engineering Services	SGMA Impl Grant:3 - YFCWCDC W...	2000 - Accounts Payable	19,883.00		167,318.82
Bill	03/31/2024	DRA...	Department of Water Resources	Yolo County Flood Control & WCD	Dauids Engineering, Water & Land Solutions	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	32,654.00		199,972.82
Total 8200 - {B} Environmtl/Engineer/Design								199,972.82	0.00	199,972.82
<b>8300 - {C} Construction/Implementation</b>										
Bill	03/31/2024	DRA...	Department of Water Resources	Yolo County Flood Control & WCD	Construction Materials & Rental Equipment	SGMA Impl Grant:3 - YFCWCDC W...	2000 - Accounts Payable	3,562.09		3,562.09
Bill	03/31/2024	DRA...	Department of Water Resources	Yolo County Flood Control & WCD	Precast Concrete Structures	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	9,346.71		12,908.80
Total 8300 - {C} Construction/Implementation								12,908.80	0.00	12,908.80
<b>8400 - {D} Monitoring/Assessment</b>										
Bill	03/31/2024	3864	Department of Water Resources	Water & Land Solutions, LLC	Dec 2023 - March 2024	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	307.50		307.50
Total 8400 - {D} Monitoring/Assessment								307.50	0.00	307.50
<b>8500 - {E} Engagement/Outreach</b>										
Bill	02/17/2024	40814	Department of Water Resources	Luhdorff & Scalmanini	Services rendered through December 31, 2023 {PP:7100}	SGMA Impl Grant:2 - YSGA GSP I...	2000 - Accounts Payable	645.00		645.00
Bill	03/31/2024	3864	Department of Water Resources	Water & Land Solutions, LLC	Dec 2023 - March 2024	SGMA Impl Grant:5 - Yolo-Zamora ...	2000 - Accounts Payable	3,964.50		4,609.50
Total 8500 - {E} Engagement/Outreach								4,609.50	0.00	4,609.50
<b>TOTAL</b>								<b>220,640.87</b>	<b>0.00</b>	<b>220,640.87</b>

## Yolo Subbasin Groundwater Agency Unbilled Grant Costs By Budget Category

April 1 through May 16, 2024

Accrual Basis

Type	Date	Num	Name	Source Name	Memo	Class	Split	Debit	Credit	Balance
<b>8100 · (A) Component Administration</b>										
Bill	04/30/2024	3916	Department of Water Resources	Water & Land Solutions, LLC	April 2024	SGMA Impl Grant:5 - Yolo-Zamora Grnd...	2000 · Accounts Payable	512.50		512.50
Bill	04/30/2024	9371	Department of Water Resources	Stockholm Environment Institute, Inc.	Costs for period April 1 to April 30, 2024	SGMA Impl Grant:2 - YSGA GSP Imple...	2000 · Accounts Payable	2,906.06		3,418.56
Total 8100 · (A) Component Administration								3,418.56	0.00	3,418.56
<b>8200 · (B) Environmtl/Engineer/Design</b>										
Bill	04/30/2024	4	Department of Water Resources	Leafbird Consulting, LLC	Costs for period April 1 - April 30, 2024	SGMA Impl Grant:2 - YSGA GSP Imple...	2000 · Accounts Payable	2,449.00		2,449.00
Bill	04/30/2024	3916	Department of Water Resources	Water & Land Solutions, LLC	April 2024	SGMA Impl Grant:5 - Yolo-Zamora Grnd...	2000 · Accounts Payable	5,440.31		7,889.31
Total 8200 · (B) Environmtl/Engineer/Design								7,889.31	0.00	7,889.31
<b>8500 · (E) Engagement/Outreach</b>										
Bill	04/30/2024	3916	Department of Water Resources	Water & Land Solutions, LLC	April 2024	SGMA Impl Grant:5 - Yolo-Zamora Grnd...	2000 · Accounts Payable	2,929.30		2,929.30
Total 8500 · (E) Engagement/Outreach								2,929.30	0.00	2,929.30
<b>TOTAL</b>								<b>14,237.17</b>	<b>0.00</b>	<b>14,237.17</b>

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
February 21, 2024, 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, Mary Vixie Sandy, Dotty Pritchard, Kurt Balasek, Sarah Leicht, Elisa Sabatini, Nathan Fisher

1. **Call to Order:** Meeting was called to order by Lee Smith at 12:01 p.m.
2. **Adding Items to the Posted Agenda:** Nothing to add.
3. **Public Comment:** No comments.
4. **Administrative Items (Sicke):**
  - a) *January 12, 2024 meeting minutes* were approved.
  - b) *Reviewed financials: FY 2023-2024: 1/12 – 2/16/24:* Financials were provided with the agenda packet. An update from the Treasury was not available.
  - c) *Payments to approve:* Payments were provided with the agenda packet. Separate ledgers for each of the grant projects should be set up soon for grant reporting.

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

5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)
  - a) *Water Conditions Update:* Water is currently plentiful - Clear Lake has been in flood releases since early February, and Indian Valley Reservoir is continuing to fill. The State Water Project recently increased allocations to 15%. Groundwater levels are continuing to recover, and YCFC canal should start soon. DWD will be using 215 water to recharge when possible until March 1; currently, Buckeye Creek is still running with stormwater. Recent rule changes are making it more difficult to divert water for recharge.
  - b) *Grant Funding Opportunities:* Consero is helping evaluate further opportunities, including those for City of Winters. This spring, the YSGA will be soliciting new projects for the GSP. The City of Woodland has expressed interest in adding a groundwater recharge component to the Lower Cache Creek Flood Risk Reduction Project.
  - c) *Ad Hoc Drought Contingency Planning Committee:* The well permitting process is moving forward, and West Yost is working to develop Tier 1 review procedures. The DCPC will meet in March to discuss the procedures, which will be presented to the YSGA Board on March 18. The next update to the County Board of Supervisors is scheduled for April 9. Kristin has continued conversations with well drillers and concerned landowners.
  - d) *Ad Hoc Committee for Reconsideration of Expense Allocation:* No updates.
6. **Draft Agenda Items for March 18, 2024 Board of Directors Meeting**
  - a) Consent Items:
    - i. Meeting Minutes
    - ii. Financials

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
February 21, 2024, 12:00 p.m. – 1:00 p.m.  
Hosted at YCFC&WCD Headquarters  
34274 State Highway 16, Woodland

- iii. RFQ for GSP Update
- b) Executive Officer Report – Brief Annual Report Update
- c) Presentation by Legal Counsel on GSA Authority
- d) 2-Tier Well Permit Review Procedures Updates

**7. Other Updates & Future Executive Committee Agenda Items:** Kristin is assembling a honorary book for Tim O’Halloran. The SWRCB recently released recommended amendments to the Bay-Delta Plan – staff suggested a large amount of unimpaired flows (55%). SCWA will be meeting with the SWRCB on April 24 to discuss these changes. The Governor’s salmon strategy shows Capay Dam blocking salmon flows, but data show there are no salmon in Cache Creek.

**8. Next Executive Committee Meeting Date:** April 4, 2024 (tentative)

**9. Adjourned** at 1:02 pm.

Respectfully submitted,



Kristin Sicke  
Executive Officer

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
April 4, 2024, 12:00 p.m. – 1:00 p.m.  
Hosted at YCFC&WCD Headquarters  
34274 State Highway 16, Woodland

**Present EC Members:** Lee Smith, Dave Schaad, Mary Vixie Sandy, Carol Scianna

**Present Staff:** Nathan Fisher, Sarah Leicht, Kristin Sicke, Dotty Pritchard, Elisa Sabatini

1. **Call to Order:** Meeting was called to order by Lee Smith at 12:03 p.m.
2. **Adding Items to the Posted Agenda:** Nothing to add.
3. **Public Comment:** No comments.
4. **Administrative Items (Sicke):**
  - a) *February 21, 2024 meeting minutes* were approved.
  - b) *Reviewed financials: FY 2023-2024: 2/17 – 4/1/24:* Financials were provided with the agenda packet.
  - c) *Payments to approve:* Payments were provided with the agenda packet. The Committee suggested a table be added to future agendas with the various consultants and their services.

David Schaad moved to approve administrative item a) which was seconded by Mary Sandy and approved. Carol Scianna abstained from voting.

David Schaad moved to approve administrative item c) which was seconded by Mary Sandy and approved unanimously.
5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)
  - a) *Water Conditions Update:* Water is currently plentiful.
  - b) *SGMA Implementation Grant Update:* Kristin recently received an executed grant agreement. Expenses are reimbursable back to October 2022; Cameron and staff will work to organize expenses and submit the first invoice for reimbursement.
  - c) *Comments Received on Draft Well Permitting Process:* Kristin provided a table of the comments received on the well permitting procedures. The committee agreed that none of the comments received justify immediate changes to the procedures and suggested publishing the comments with the addition of a “YSGA Response” column.
  - d) *Update on Fee Study Process and 3 Strawmen Proposals:* Kristin provided a draft forecasted budget and strawman proposals for evaluating the approach to initiate the fees study. Committee members will review the materials and provide feedback.
6. **Planning for Fiscal Year 2024/25:** Kristin presented the draft 2024/25 budget. The Committee agreed that the budget for legal services will need to be increased and that the SGMA Implementation Grant Accounts should be incorporated.
7. **Other Updates & Future Executive Committee Agenda Items:** Nothing to report.

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
April 4, 2024, 12:00 p.m. – 1:00 p.m.  
Hosted at YCFC&WCD Headquarters  
34274 State Highway 16, Woodland

8. **Next Executive Committee Meeting Date:** May 13, 2024

9. **Adjourned** at 1:04 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 # 2024.0331

DATE: 4/15/2024

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

# INVOICE

**Yolo County Flood Control & WCD Expenses 01/01/2024 - 3/31/2024**

<u>YFCF Labor Costs</u>	<u>Hourly Billing Rate</u>	<u>Hours</u>	<u>Cost Code</u>	<u>Amount</u>
Kristin Sicke	\$139.39	79.0	7100	\$ 11,011.81
Sarah Leicht	\$52.48	336.5	7100	\$ 17,659.52
Sarah Leicht - OT	\$78.72	1.0	7100	\$ 78.72
Nathan Fisher	\$45.75	381.0	7100	\$ 17,430.75
Nathan Fisher - OT	\$68.63	0.5	7100	\$ 34.32
Aaron Gurecki	\$59.23	16.0	7100	\$ 947.68
Kristin Sicke - Well Permitting	\$139.39	20.0	7700	\$ 2,787.80
Sarah Leicht - Well Permitting	\$52.48	6.5	7700	\$ 341.12
<b>Total Labor</b>		<b>840.5</b>		<b>\$ 50,291.72</b>

Expenses

12/28/23	GIS Cloud, Inc. - 10 GB Storage (12/28/23-01/28/24)	7600	\$ 25.00
01/28/24	GIS Cloud, Inc. - 10 GB Storage (01/28/24-02/28/24)	7600	\$ 25.00
02/28/24	GIS Cloud, Inc. - 10 GB Storage (02/28/24-03/28/24)	7600	\$ 25.00
01/15/24	GIS Cloud, Inc. - Map Editor (01/15/24-02/15/24)	7600	\$ 55.00
02/15/24	GIS Cloud, Inc. - Map Editor (02/15/24-03/15/24)	7600	\$ 55.00
03/15/24	GIS Cloud, Inc. - Map Editor (03/15/24-04/15/24)	7600	\$ 55.00
01/03/24	GIS Cloud, Inc. - Mobile Data Collection (01/03/24-02/03/24)	7600	\$ 40.00
02/03/24	GIS Cloud, Inc. - Mobile Data Collection (02/03/24-03/03/24)	7600	\$ 40.00
03/03/24	GIS Cloud, Inc. - Mobile Data Collection (03/03/24-04/03/24)	7600	\$ 40.00
12/14/23	ZOOM One Pro- (12/14/23-01/13/24)	7000	\$ 15.99
02/14/24	ZOOM One Pro- (01/14/24-02/13/24)	7000	\$ 15.99
02/14/24	ZOOM One Pro- (02/14/24-03/13/24)	7000	\$ 15.99
02/27/24	UPS Store - Ground Commercial Shipping	7000	\$ 30.59
02/21/24	Nugget Market - Sandwiches - EC Meeting	7000	\$ 92.31
01/12/24	Nugget Market - Sandwiches - EC Meeting	7000	\$ 72.33
03/26/24	Ionos Inc	7600	\$ 5.17

**Total Expenses** **\$ 608.37**

7000 Sub-Total	\$ 243.20
7100 Sub-Total	\$ 47,162.80
7600 Sub-Total	\$ 365.17
7700 Sub-Total	\$ 3,128.92
	<b>\$ 50,900.09</b>

**TOTAL REIMBURSEMENT REQUESTED** **\$ 50,900.09**

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.

**Yolo Subbasin Groundwater Agency Board of Directors**  
**Meeting Agenda Report**

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**MEETING DATE:** May 20, 2024

**AGENDA ITEM NO. 7**

**SUBJECT:** Report of the Chair and Executive Officer

INITIATED OR     BOARD     INFORMATION  
REQUESTED BY:  STAFF     ACTION:  MOTION  
                           OTHER \_\_\_\_\_     RESOLUTION

ATTACHMENT  YES    NO

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**BACKGROUND**

The YSGA Chair and Executive Officer will provide either an oral or written report on recent activities.

A written report from the YSGA Executive Officer is attached.

**RECOMMENDATION**

This agenda item is for informational purposes only. No Board action is required.

**Date:** May 20, 2024  
**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 March 18, 2024 meeting of the YSGA Board of Directors the following activities have taken place.

### **Program Administration**

YSGA staff met with the YSGA's accountant/bookkeeper, Cameron Dewberry, to prepare for the proper accounting and tracking of grant expenses and revenues. YSGA financial statements for Fiscal Year 2023/2024 reflect the grant accounts, which was not originally budgeted. The operational budget for Fiscal Year 2024/2025 was drafted and includes estimates for grant-related expenses and revenues.

Two meetings were held by the YSGA Executive Committee (EC) on April 4 and May 13, 2024. The EC, consisting of Lee Smith, David Schaad, Carol Scianna, Mary Vixie Sandy, and Executive Officer Kristin Sicke, discussed logistical issues related to YSGA administration and the implementation of the Groundwater Sustainability Plan (GSP). The Committee discussed various administrative items, strawmen proposals related to the fee study, and preparation of the FY 24/25 budget with the addition of funding from the SGMA Implementation Grant. The next YSGA Executive Committee meeting is scheduled for June 26, 2024 from 12:00 p.m. to 1:00 p.m.

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.

The Yolo County Flood Control & Water Conservation District (District) is pleased to announce Erik Cadaret as the new Assistant General Manager for the District. Erik will enhance the District's technical and administrative support for the YSGA, and we are happy to have him on board.

## **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.
  - Received final approval from DWR for Facilitation Support Services in the Hungry Hollow Area; coordinated with facilitator Odin Zackman in connecting with the Hungry Hollow Groundwater Committee.
- GSP Annual Report
  - Finalized and submitted the [WY 2023 Annual Report](#) to the Department of Water Resources.
- Projects and Management Actions
  - The YSGA received a preliminary grant award of \$400,000 from the [USBR WaterSMART Applied Science grant](#). With this funding, the YSGA plans to improve the Yolo Subbasin groundwater model with updated climate and land use datasets, develop a seasonal water availability forecasting platform, and update the data management systems for improved public data access. In the coming weeks and months, YSGA staff will meet with USBR to develop a scope of work and execute a final grant agreement. The total amount of funding may change based on these meetings with USBR as they will ultimately determine what projects under the YSGA's application are eligible for grant reimbursable.
  - The YSGA opened a project solicitation period for member agencies to submit projects for addition into the GSP. One project information form was received from the City of Davis for the North Davis Meadows (NDM) Water Consolidation Project. Staff decided to solicit one projects one more time in June to allow for additional projects to be submitted prior to a presentation coming to the Board.
  - Coordinated with Yolo County in the well permitting process in accordance with Executive Orders N-7-22 and N-3-23
    - Received approved well permits and reviewed pending well permits from Yolo County's Environmental Health Division
- Data Management/Website Updates
  - Worked with Websoft developers to begin updates to the WRID and yologroundwater.org websites
- Monitoring Network
  - Continued implementation of citizen science program for individual well monitoring
  - Completed Spring 2024 water level measurements (59 of 62 complete)
  - Staff are in the process of installing real-time monitoring equipment on the three new multi-completion wells on the west side of the Subbasin. Staff have been completing bi-weekly measurements in the interim, and the data is available to view online at [sgma.yologroundwater.org](http://sgma.yologroundwater.org).
  - One voluntary monitoring well was added near the Yolo County Airport at County Road 30.
  - Continued to outreach to landowners in data gaps to investigate potential for installation of monitoring equipment.
  - Staff are engaging with The Nature Conservancy to explore additional monitoring near groundwater dependent ecosystems.

- Focus Areas
  - YSGA staff reviewed comments received on the technical memo prepared by West Yost for the delineation of Focus Areas and hydrogeologist report requirements as part of the tiered review well permit review process.
  - A summary table of comments received and draft YSGA responses was provided to the Board for review prior to responding directly to commenters.
- Drought Response
  - Participated in planning meetings related to the [SB 552](#) County Drought Plan.

### **Program Outreach**

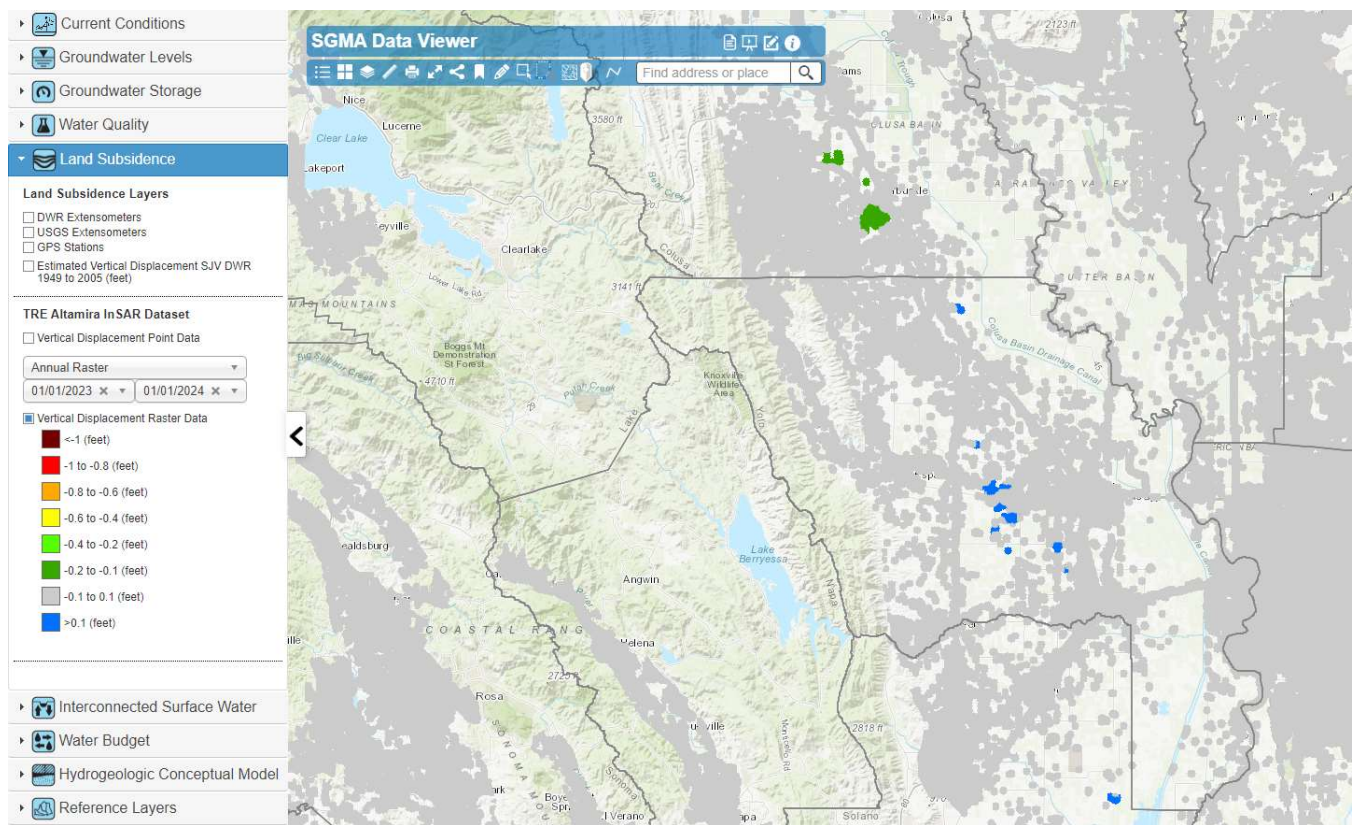
Staff participated in a number of meetings, workshops, and discussions related to SGMA and groundwater recharge and protection, which include the following:

1. Meetings with The Nature Conservancy to explore methodology to improve monitoring of groundwater dependent ecosystems and interconnected surface water (March 21 and May 2; Sicke, Leicht, and Fisher)
2. Participated in ACWA State Legislative Committee Meetings (March 22; Sicke)
3. Participated in Groundwater Accounting Platform user group meetings (March 27 and April 29; Sicke, Leicht, and Fisher)
4. Hosted YSGA Executive Committee Meeting (April 4 and May 13; Directors Schaad, Scianna, Smith, and Vixie Sandy; Sicke, Leicht, and Fisher; Sabatini)
5. Participated in Yolo County Board of Supervisors Meeting to Provide Update on Well Permit Review Procedures (April 9; Sicke)
6. Participated in ACWA State Legislative Symposium (April 10; Director Jacobs and Sicke)
7. Participated in GRA North Sacramento Valley Branch Meeting (April 11; Director Vanderwaal and Sicke)
8. Participated in NCWA Manager’s Meeting (April 12; Director Vanderwaal and Sicke)
9. Met with Vishal Mehta of Leafbird Consulting and Chuck Young of SEI to plan development of future land use scenarios as well as water budgets for more localized areas within the Yolo Subbasin (April 19 and May 6; Sicke, Leicht, and Fisher)
10. Met with Annie Main to Discuss Hungry Hollow Groundwater Committee Planning (April 23; Sicke and Fisher)
11. Participated in ACWA Spring 2024 Conference Groundwater Committee Meeting and ACWA Region 4 Board Meeting (May 7-8; Directors Barth and Cornwell, and Sicke)
12. Participated in Westside Sacramento IRWM Meeting (May 8; Leicht)
13. Yolo/Solano Interbasin Coordination Meeting (May 13; Sicke, Cadaret, Leicht, and Fisher)
14. Met with staff from Sustainable Conservation to discuss methodology to determine sites most suitable for groundwater recharge (May 15; Sicke, Cadaret, Leicht, and Fisher)
15. Participated in a meeting with Water & Land Solutions and YCFC&WCD staff to discuss progress made and next steps for the China Slough Rehabilitation/Yolo-Zamora Groundwater Recharge Project (May 15; Sicke, Cadaret, Leicht, and Fisher)

## Other Items of Note

[Assembly Bill 2079](#) was introduced to the California Legislature on February 5, 2024. This bill would prevent the issuance of well permits for new “large-diameter, high-capacity wells” (diameter >8 inches and producing more than 2 acre-feet annually) if the well is located within ¼ mile of a domestic/municipal supply well, within ¼ mile of an area that has subsided more than 0.5 feet in total since 2015, or is not screened below the groundwater level minimum threshold for that area. AB 2079 was passed out of the Assembly Appropriations Committee on May 9 with no amendments. The bill will be heard next on the Assembly Floor before Friday, May 24. YSGA staff have been coordinating closely with NCWA, GRA, and ACWA to provide helpful technical revisions to DWR on the bill language.

DWR released the January 2024 InSAR Land Subsidence Data on [SGMA Data Viewer](#), which is also provided as a screenshot below. The 2024 GPS ground-based survey for the Yolo Subbasin Subsidence Network is scheduled to begin in late-May (included in Component 2 of the SGMA Implementation grant funding award).



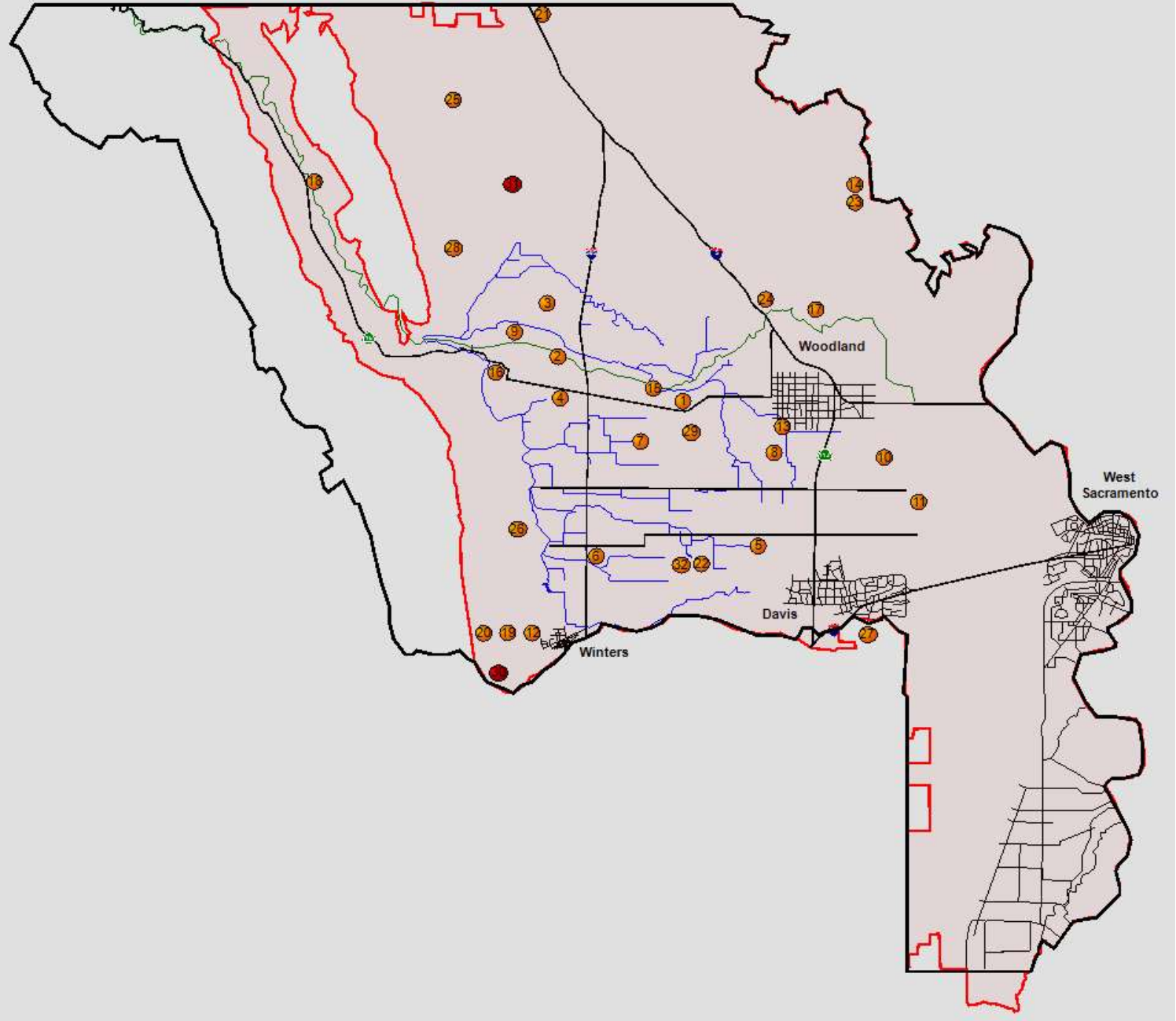
## **Current Groundwater Conditions**

Seasonal groundwater levels peaked in March/April and are beginning to level off or drop throughout the continuous monitoring network as irrigation season ramps up. When compared to last year's elevations (as shown on the historical depth to water table below), this May's water levels are on average 5.3 feet higher. When compared to 2015 elevations, this May's groundwater levels are on average 19.2 feet higher.

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

1. A location map of the 32 real-time monitoring locations currently operating in the Yolo Subbasin (Well 30 is a continuous datalogger site and Well 28 is no longer operational but should be replaced soon).
2. A table showing historical groundwater elevations on a specific date (May 8, 2024 in this example).
3. A tiled hydrograph of the real-time monitoring wells illustrating depth to water for May 16, 2023 to May 16, 2024.
4. The spring 2024 hydrograph of average groundwater levels based on 62 monitored wells throughout the Yolo Subbasin (the Representative Monitoring Wells). Static water level measurements for 59 of the 62 wells have been received thus far in 2024. 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.

**Well Monitoring**  
Continuous



- SCADA Links
- Comparison Trends
- Comparison Table



# Well Monitoring

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

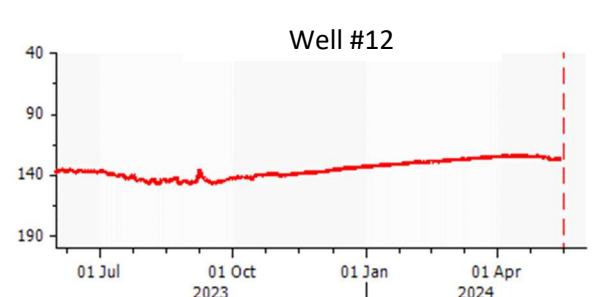
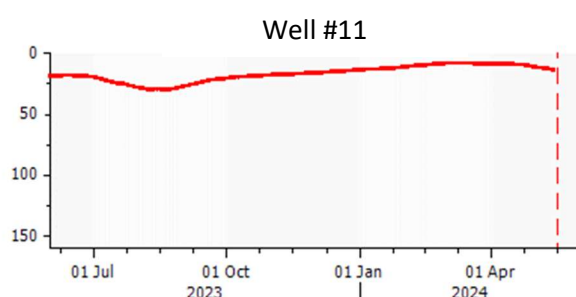
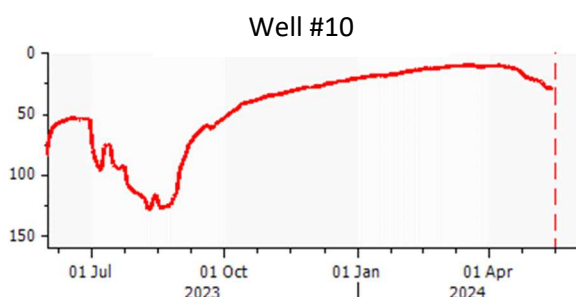
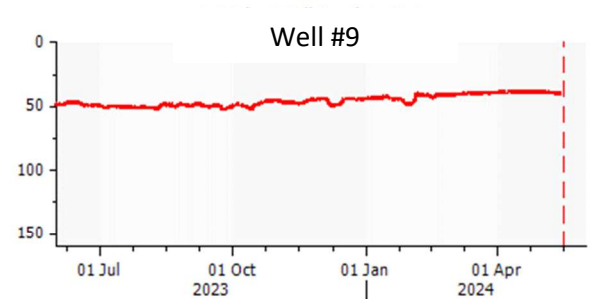
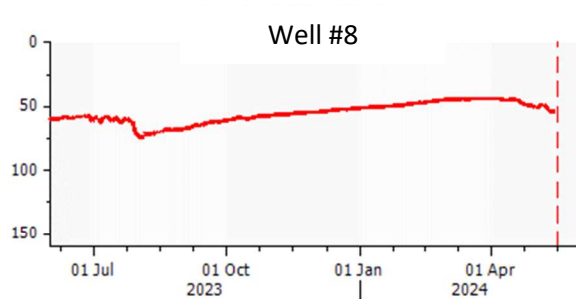
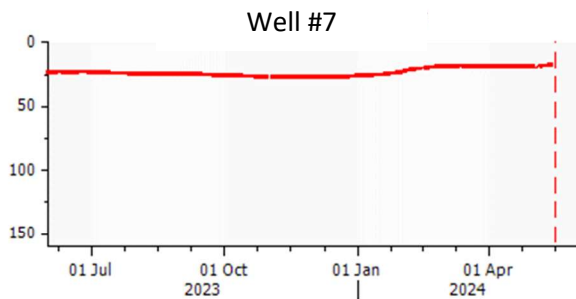
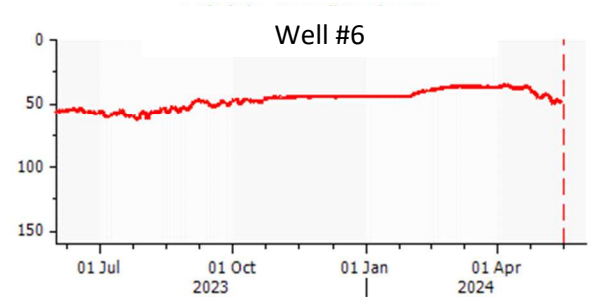
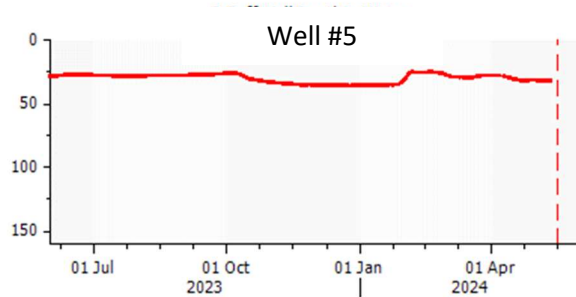
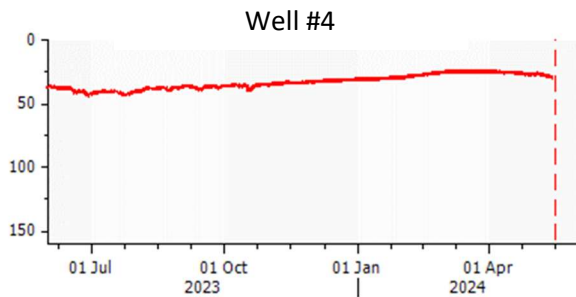
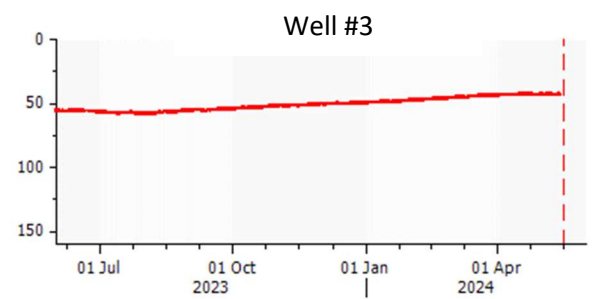
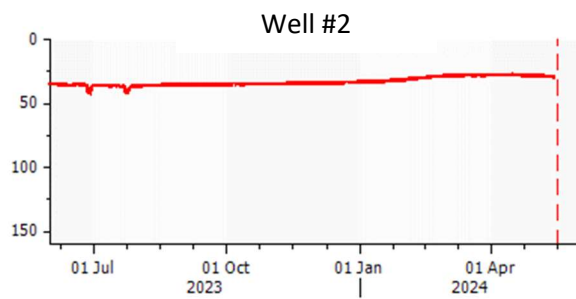
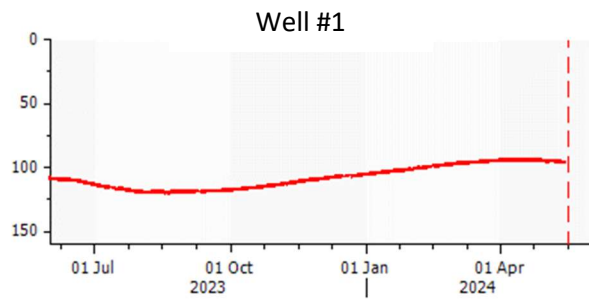
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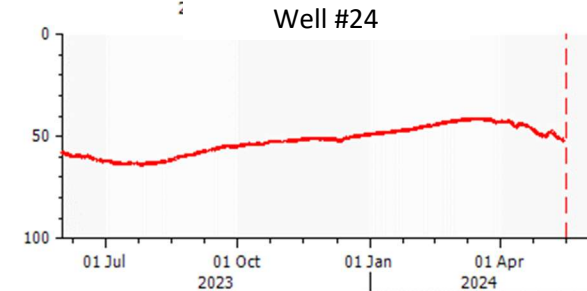
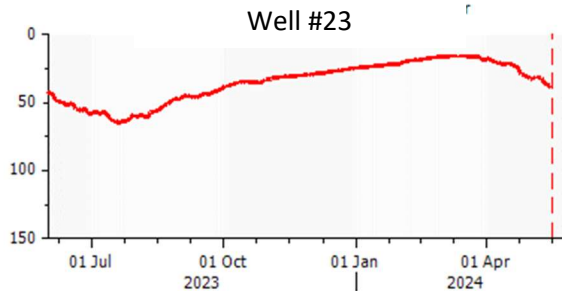
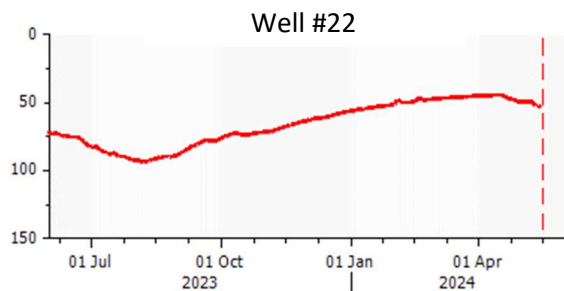
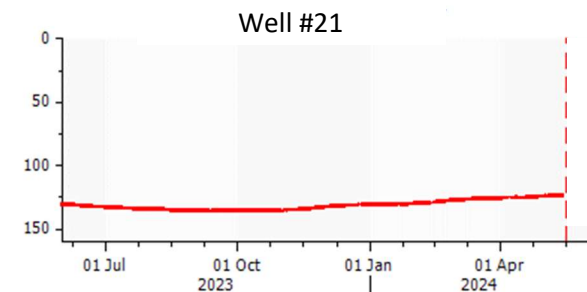
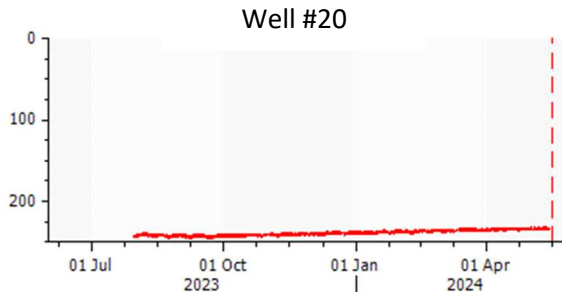
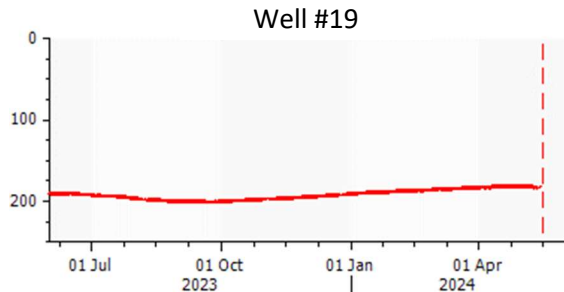
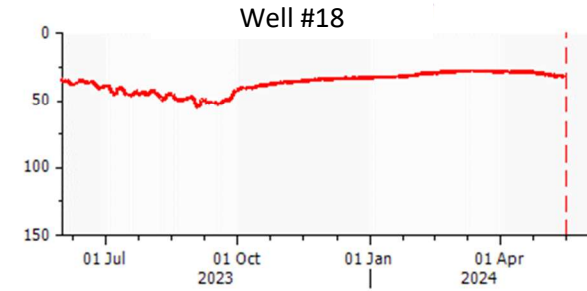
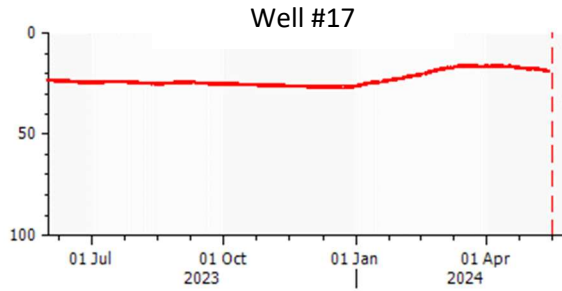
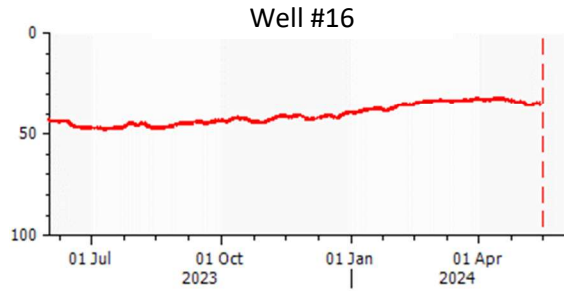
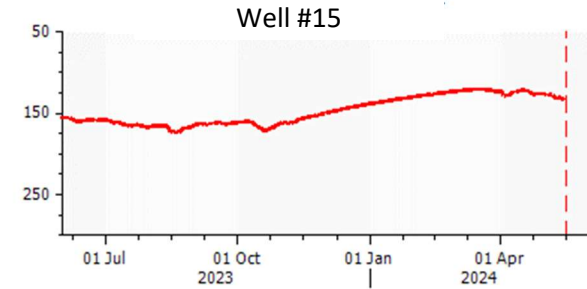
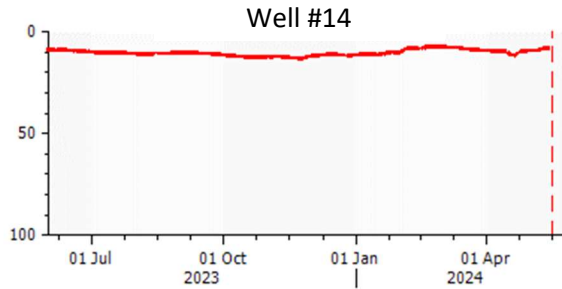
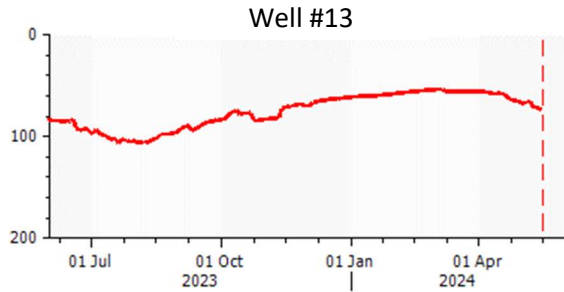
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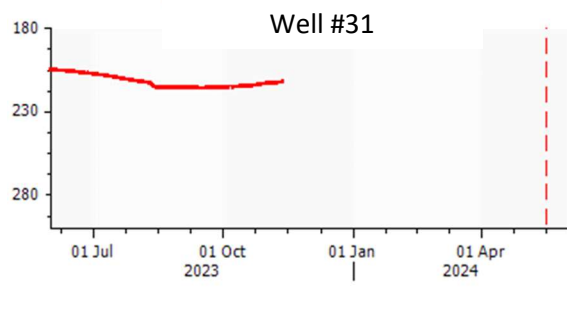
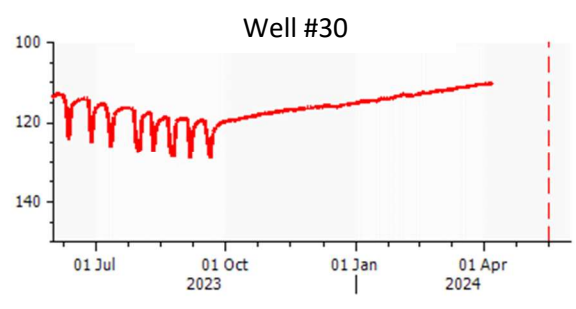
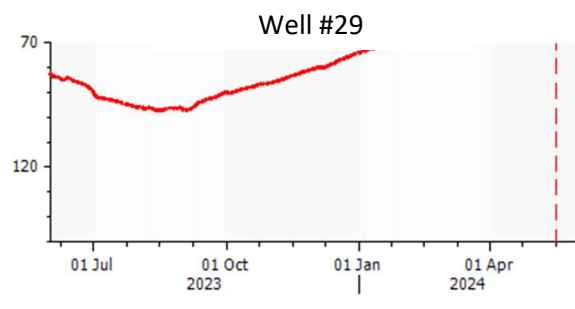
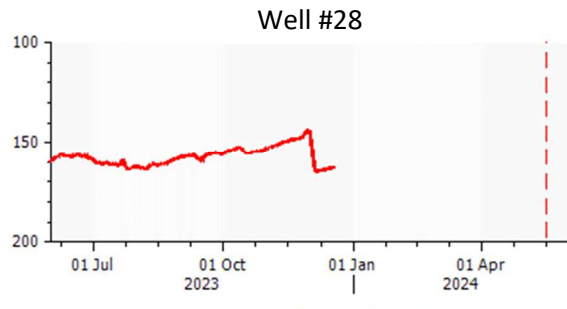
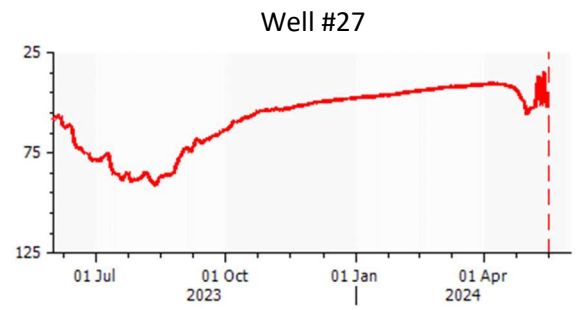
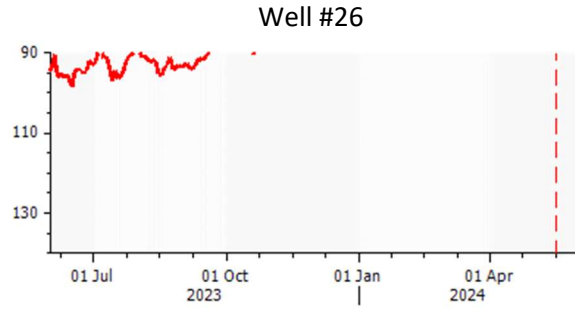
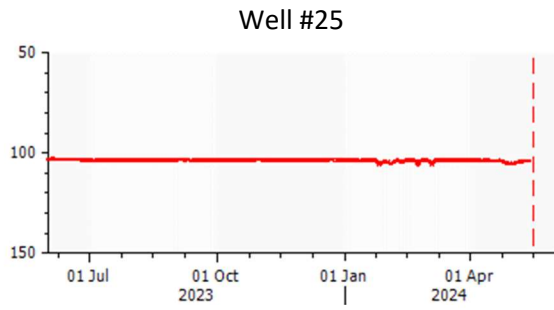
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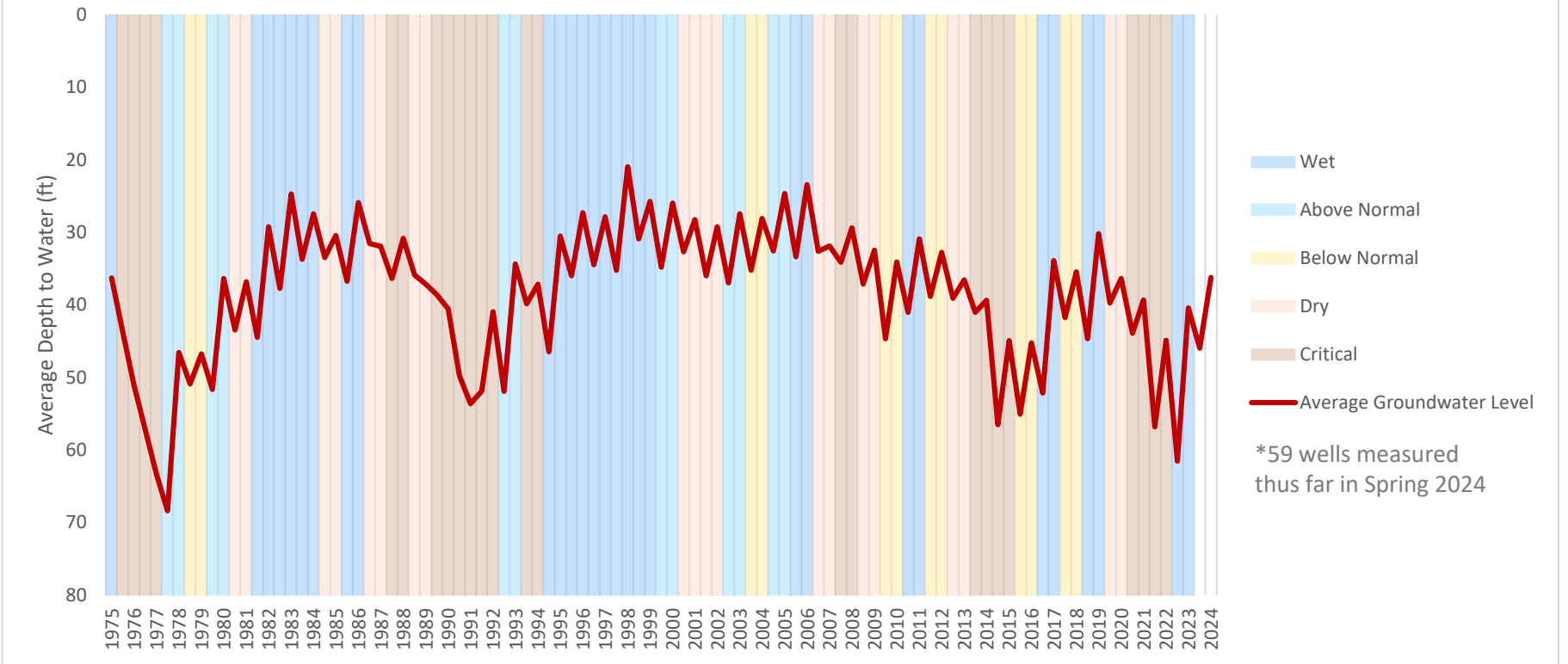
Well	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	$\Delta$ 2023 - 2024	$\Delta$ 2015 - 2024
1.	78.5	78.7	87.5	95.5	107.9	101.5	90.4	88.6	88.7	92.2	112.1	123.2	107.3	95.7	11.6	12.2
2.	40.8	44.3	38.8	55.1	44.1	37.9	24.6	30.3	25.6	31.1	35.3	41.1	33.9	29.8	4.1	14.2
3.	39.2	39.9	42.7	54.3	69.1	56.9	35.9	40.7	36.2	41.4	51.6	67.6	59.1	42.5	16.6	26.6
4.	26.8	29.8	34.9	37.4	51.8	39.9	24.0	29.7	32.1	32.6	43.4	48.9	33.7	27.9	5.8	23.9
5.		24.0	18.2	30.6	35.4	37.2	18.8	28.5	14.3	21.2	31.9	39.1	29.0	31.7	-2.8	3.6
6.		37.4	50.2	70.2	80.5	66.6	35.2	46.9	35.9	46.1	64.6	68.9	48.7	48.3	.4	32.3
7.				41.3	41.3	29.7	15.5	18.4	16.3	20.2	39.2	42.0	26.8	18.6	8.3	22.8
8.				70.8	81.7	70.8	52.7	52.0	42.3	56.2	77.0	78.8	55.8	51.0	4.8	30.7
9.				54.4	62.6	53.4	34.5	40.7	35.4	42.3	49.4	59.4	49.4	39.3	10.0	23.2
10.					55.6	53.0	15.7	24.2	27.6	70.8	68.3	78.9	22.5	25.5	-3.0	30.1
11.					20.3	15.3	6.4	10.0	8.5	16.7	23.6	19.0	11.0	11.9	-9	8.4
12.									110.7	116.2	129.9	138.2	130.3	127.3	3.0	
13.								66.6	61.8	78.5	121.3	137.6	70.6	67.3	3.3	
14.									7.7	10.0	12.0	10.5	9.2	8.9	.3	
15s.									32.7	36.6	48.5	44.9	36.1	34.0	2.1	
15d.									109.0	140.0	168.1	202.0	153.5	131.7	21.8	
16.									32.7	39.5	43.4	50.5	43.3	35.6	7.7	
17.										21.7	29.4	32.7	23.3	17.7	5.5	
18.										41.6	63.5	51.0	29.8	31.7	-1.8	
19.										167.1	180.5	190.1	188.6	181.5	7.1	
20.														235.1		
21.											130.8	138.7	130.0	123.5	6.5	
22.												89.3	59.7	49.8	9.9	
23.												52.7	29.6	35.9	-6.2	
24.												73.4	50.8	49.4	1.4	
25.													103.1	104.9	-1.8	
26.													92.1	68.0	24.1	
27.													47.5	60.1	-7.1	
28.													152.9			
29.													76.2	63.8	12.3	
30.													110.5	109.6	1.1	
31.													202.3	188.0	14.5	
32.														108.7		







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



April 2023 Average Depth to Water ~ 40.4 feet  
 April 2024 Average Depth to Water ~ 36.2 feet

Of Note:

- Fall 1975 to Fall 1977 Drawdown ~ 25 feet
- 2014 Drawdown from Spring to Fall ~ 17 feet
- 2019 Drawdown from Spring to Fall ~ 9.5 ft
- 2022 Drawdown from Spring to Fall ~ 17 feet
- 2023 Drawdown from Spring to Fall ~ 6 feet

*\*Pending 3 well measurements from DWR's continuous stations*

## *Executive Order N-7-22 and N-3-23 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.

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 (revised March 2024) and can be reviewed [here](#).

As of May 16, 2024 and since April 1, 2022:

- 95 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 91 relevant well permit applications
  - ✓ 33 replacement well permits have received YSGA written verification
    - 1 replacement well was then revised to a new well and re-introduced into the queue
  - ✓ 36 new well permit applications have received YSGA written verification
  - ✓ 22 new well permit applications are currently in the queue
    - 16 applications pending receipt of a completed form from the applicant
      - Of these, 13 are within the Focus Areas
    - 1 applicant submitted a completed Tier 1 questionnaire and is currently under review
    - 5 applications are on hold pending receipt of additional information

**Yolo Subbasin Groundwater Agency Board of Directors  
Meeting Agenda Report**

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**MEETING DATE:** May 20, 2024

**AGENDA ITEM NO. 8**

**SUBJECT:** Consideration: Adoption of Fiscal Year 2024-2025 Operating Budget

INITIATED OR     BOARD  
REQUESTED BY:  STAFF  
                   OTHER \_\_\_\_\_

INFORMATION  
 ACTION:  MOTION  
 RESOLUTION

ATTACHMENT  YES    NO

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**BACKGROUND**

The YSGA’s JPA Agreement Article 5.5 states that “The Agency fiscal year shall run from July 1 through June 30. Each fiscal year, the Board shall adopt a budget for the Agency for the ensuing fiscal year.” The proposed Fiscal Year (FY) 2024-2025 Operating Budget is attached for review. Retained earnings at the start of the fiscal year are preliminarily estimated at \$920,000, with revenue and expenses projected to total \$3,127,000 and \$2,148,000, respectively. Grant revenue for reimbursement of eligible YSGA grant-related expenses is estimated to be approximately \$1,703,000. Retained earnings at the end of the fiscal year are as estimated as \$979,000.

Changes in the proposed FY 2024-2025 Operating Budget reflect increased revenue and expenditures due to the SGMA Implementation Grant award. The YSGA account will act as pass through for reimbursement of expenses associated with the City of Winters, Dunnigan Water District, and Yolo County Flood Control & Water Conservation District SGMA Implementation grant projects.

Staff will provide a presentation on the attached proposed Fiscal Year 2024-2025 Budget for the Board’s consideration, along with projections for the SGMA implementation grant revenues and expenses.

**RECOMMENDATION**

Recommend adoption of the Fiscal Year 2024-2025 Operating Budget as presented.

**Yolo Subbasin Groundwater Agency**  
**July 1, 2024 to June 30, 2025**  
**Annual Fiscal Year Budget for Fiscal Year 2024-25**

**\*\* DRAFT \*\* Proposed for Board's Adoption at the May 20, 2024 Meeting**

	FY 2024-2025 Proposed 5/20/24
<b>Revenue</b>	<b>FY2024-2025</b>
City of Davis	40,000
City of West Sacramento	40,000
City of Woodland	40,000
City of Winters	20,000
Yocha Dehe Wintun Nation	10,000
Esparto Community Services District	5,000
Madison Community Services District	5,000
<b>Subtotal Municipal Agencies Revenue</b>	<b>\$160,000</b>
Yolo County Flood Control & WCD (200,000 acres)	100,000
Yolo County (White Areas) (160,000 acres)	40,000
Direct Contributions (White Areas) (40,000 acres)	20,000
Other Contributions from Rural Agencies <sup>1</sup>	40,000
Dunnigan Water District (10,700 acres)	5,350
Reclamation District 108 (23,200 acres)	11,600
Reclamation District 150 (4,293 acres)	2,147
Reclamation District 307 (5,941 acres)	2,971
Reclamation District 537 (6,077 acres)	3,039
Reclamation District 730 (4,498 acres)	2,249
Reclamation District 765 (1,400 acres)	700
Reclamation District 787 (9,400 acres)	4,700
Reclamation District 999 (25,250 acres)	12,625
Reclamation District 1600 (6,924 acres)	3,462
Reclamation District 2035 (18,000 acres)	9,000
<b>Subtotal Rural Agencies Revenue</b>	<b>\$257,842</b>
University of California, Davis	40,000
Colusa Drain Mutual Water Company	10,000
California American Water Company - Dunnigan	5,000
Rumsey Water Users Association	170
Yolo County Farm Bureau (private pumpers)	10,000
Environmental Party Representative (Ann Brice)	0
<b>Subtotal Affiliated Parties Revenue</b>	<b>\$65,170</b>
Interest Income	12,000
Well Permitting Procedures - Regulatory Fee <sup>2</sup>	10,000
<b>Subtotal Other Revenue</b>	<b>\$22,000</b>
<b>SGMA IMPLEMENTATION GRANT REVENUE -- FORECASTED</b>	<b>\$1,702,920</b>
Retained earnings (QuickBooks) <sup>3</sup>	\$919,424
<b>TOTAL REVENUE</b>	<b>\$3,127,356</b>



**Yolo Subbasin Groundwater Agency**  
**July 1, 2024 to June 30, 2025**  
**Annual Fiscal Year Budget for Fiscal Year 2024-25**

**\*\* DRAFT \*\* Proposed for Board's Adoption at the May 20, 2024 Meeting**

<b>EXPENDITURES</b>	<b>FY2024-2025</b>
41 Bank & Other Fees	1,500
42 Insurance - General & Auto	2,500
43 Membership Dues <sup>4</sup>	25,000
44 Administrative Expenses (Copies, Postage, Website and DMS Hosting) <sup>5</sup>	7,500
45 <b>Project Management, SGMA Implementation (YCFC&amp;WCD)<sup>6</sup></b>	<b>632,117</b>
45a Normal Operating Expenses	50,000
45b Grant Expenses	582,117
46 <b>GSP Verification in Well Permitting Review (YCFC&amp;WCD Project Management)<sup>7</sup></b>	<b>25,000</b>
47 <b>Consultant Services<sup>8</sup></b>	<b>1,305,946</b>
47a Normal Operating Expenses (Estimated GSP Update Expenses)	200,000
47b Grant Expenses	1,105,946
47 Legal Services	35,000
48 Audit Service - Financial <sup>9</sup>	8,500
49 <b>Groundwater Monitoring Program (Includes Real-time Groundwater Monitoring Sensors)</b>	<b>104,857</b>
49a Normal Operating Expenses	90,000
49b Grant Expenses	14,857
50 style="background-color: #d4edda;"> <b>TOTAL EXPENDITURES</b>	<b>\$2,147,920</b>
51	
52 style="background-color: #d4edda;"> <b>Net Income (Estimated)</b>	<b>\$979,436</b>

- 53 1 - RD 108, RD 787, RD 2035, and YCFC&WCD (\$10,000 each)
- 54 2 - Estimated reimbursement for YSGA's review of new well permit applications and well permitting procedures and written verification process.
- 55 3 - Estimated net income by June 30, 2024.
- 56 4 - Westside IRWM Annual Dues for 2024/2025 plus other smaller membership.
- 57 5 - Administrative expenses related to copy and postage machine use at YCFC&WCD offices, along with website hosting and DMS expenses for continuing electronic reporting and data collection process for groundwater monitoring program.
- 58 6 - YCFC&WCD Project Management, SGMA Implementation - Technical and Administrative Services: Assumes 2.70 FTEs for Water Resource Technicians, Assistant General Manager, and SCADA Supervisor positions (monitoring program and administrative and technical services) and 0.50 FTE for Executive Officer position.
- 59 7 - YCFC&WCD Project Management: Projected expenses related to providing GSP written verification for well permitting process. Assumes 0.10 FTE for Water Resources Technician position and 0.05 FTE for Executive Officer position.
- 60 8 - Consultant services related to GSP implementation (grant eligible and non-grant eligible).
- 61 9 - Estimated fees for FY 2024/2025.
- 62 FTE = Full Time Equivalent

**3.20 FTE**

Grant Component	Total	Spent to Date	Projected Expenses and Revenues	
			FY24/25	FY25/26
<b>Total</b>	<b>\$ 7,917,000</b>	<b>\$ 236,485</b>	<b>\$ 4,410,354</b>	<b>\$ 3,270,160</b>
<b>1. GRANT ADMINISTRATION</b>	<b>\$ 613,900</b>	<b>\$ -</b>	<b>\$ 342,961</b>	<b>\$ 270,939</b>
<b>2. YOLO SUBBASIN GSP IMPLEMENTATION</b>	<b>\$ 1,721,000</b>	<b>\$ 140,359</b>	<b>\$ 932,552</b>	<b>\$ 648,090</b>
YSGA	\$ 324,523	\$ -	\$ 185,442	\$ 139,081
Consultant	\$ 1,396,477	\$ 140,359	\$ 747,110	\$ 509,008
<b>3. YCFCWCD WINTER RECHARGE PROGRAM</b>	<b>\$ 2,600,000</b>	<b>\$ 23,445</b>	<b>\$ 1,472,317</b>	<b>\$ 1,104,238</b>
YCFC&WCD	\$ 1,175,000	\$ -	\$ 671,429	\$ 503,571
Consultant	\$ 1,425,000	\$ 23,445	\$ 814,286	\$ 610,714
<b>4. CITY OF WINTERS FEASIBILITY STUDIES</b>	<b>\$ 580,000</b>	<b>\$ -</b>	<b>\$ 331,429</b>	<b>\$ 248,571</b>
<b>5. YOLO-ZAMORA GROUNDWATER RECHARGE PILOT PROJECT</b>	<b>\$ 1,221,100</b>	<b>\$ 72,682</b>	<b>\$ 656,239</b>	<b>\$ 492,179</b>
YCFC&WCD specific tasks + YCFC&WCD Consultants	\$ 416,300	\$ 15,844	\$ 228,832	\$ 171,624
YSGA (only project admin)	\$ 120,000	\$ -	\$ 68,571	\$ 51,429
Consultant	\$ 684,800	\$ 56,837	\$ 358,836	\$ 269,127
<b>6. DUNNIGAN AREA RECHARGE PROGRAM</b>	<b>\$ 1,181,000</b>	<b>\$ -</b>	<b>\$ 674,857</b>	<b>\$ 506,143</b>

**--Preliminary DRAFT--**

**Yolo Subbasin Groundwater Agency Board of Directors  
Meeting Agenda Report**

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**MEETING DATE:** May 20, 2024

**AGENDA ITEM NO. 9**

**SUBJECT:** Presentation: Update on Well Permit Review Procedures

INITIATED OR     BOARD  
 REQUESTED BY:  STAFF  
                    OTHER \_\_\_\_\_

INFORMATION  
 ACTION:  MOTION  
   RESOLUTION

ATTACHMENT  YES     NO

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**BACKGROUND**

The YSGA Executive Officer will provide a presentation updating the Board on the implementation of the Tiered Well Permit Review Process approved at the March 18, 2024 meeting.

**RECOMMENDATION**

This agenda item is for informational purposes only. No Board action is required.

**Yolo Subbasin Groundwater Agency Board of Directors**  
**Meeting Agenda Report**

**MEETING DATE:** May 20, 2024

**AGENDA ITEM NO. 10**

**SUBJECT:** Presentation: Update on Groundwater Sustainability Plan Implementation

INITIATED OR     BOARD  
REQUESTED BY:  STAFF  
                   OTHER \_\_\_\_\_

INFORMATION  
 ACTION:  MOTION  
                   RESOLUTION

ATTACHMENT  YES    NO

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**BACKGROUND**

*a. WaterSMART Applied Science Grant Awards*

On September 18, 2023, the Board adopted Resolution No. 23-02 directing and authorizing the Executive Officer to prepare and submit a WaterSMART Applied Science Grant application on behalf of the YSGA. The Board also approved a letter of support for the *Groundwater Recharge Data Sharing and Modeling Improvements Project* submission to the WaterSMART Applied Science Grant, led by a partnership between Reclamation District No. 108 (RD 108), Colusa County Water District (CCWD), and Dunnigan Water District (DWD). In April 2024, USBR announced preliminary funding decisions for the grant award. Both YSGA’s application and the RD 108/CCWD/DWD application were successful and have been preliminarily awarded \$400,000 each. YSGA staff and Dunnigan Water District staff will provide a brief overview of the projects outlined in each proposal.

*b. SGMA Implementation Grant Projects*

In October 2023, DWR announced award decisions for the SGMA Implementation Grant, and YSGA was awarded \$7,917,000. The funded projects are summarized below; grant administration reimbursement is \$613,900. YSGA staff will provide an update on the progress of each project.

Yolo Subbasin GSP Implementation (\$1,721,000)

- GSP Annual Report Development: 2022-2025
- Yolo Subbasin GSP Update based on DWR’s Recommended Corrective Actions
- Development of Yolo Subbasin Fee Study
- Groundwater Model and Water Budget Update and Incorporation into GSP
- Development of Approach to Refine Interconnected Surface Water Sustainable Management Criteria

- Development of a Hungry Hollow Area Water Budget
- Development of On-Farm Pilot Projects for the Hungry Hollow Area
- Development of a Long-Term Projects and Management Actions White Paper for the Hungry Hollow Area
- Completion of a Ground-Based GSP Subsidence Survey
- Monitoring Network Enhancement to Address Data Gaps

YCFC&WCD Winter Water Recharge Program (\$2,600,000)

- Complete Water Availability Analysis, Environmental Documentation, and Long-Term Winter Permit Application
- Implement On-Farm Recharge Pilot Project
- Install Hungry Hollow Canal Automation
- Monitoring and Assessment
  - Monitoring and Assessment Plan
  - Annual Report of On-Farm Recharge
  - Development of a Long-Term Farm Field Recharge Guide
- Engagement/Outreach

City of Winters Feasibility Studies (\$580,000)

- Recycled Water Feasibility Study
- Surface Water Supply Feasibility Study

Yolo-Zamora Groundwater Recharge Pilot Project (\$1,221,100)

- YCFC&WCD improvements to increase capacity of East Adams and Acacia Canals
- China Slough rehabilitation: landowner outreach, feasibility study, 100% design, environmental compliance, and permitting
- Complete water availability analysis for Yolo-Zamora area
- Implement pilot project for groundwater recharge through China Slough

Dunnigan Area Recharge Program (\$1,181,000)

- Install gages on Buckeye and Dunnigan Creeks
- Expand on-farm recharge
- Basis of Design Report and Recharge Operations Manual
- Comprehensive economic analysis of recharge costs by crop type
- Isotope study to determine sources, flow paths, and rates of recharge

*c. Responses to RFQ for GSP Update and Related Services*

To complete work funded by the SGMA Implementation Grant and respond to DWR's recommended corrective actions for the Yolo Subbasin GSP, YSGA distributed a Request for Qualifications (RFQ) on March 22, 2024. Responses were received from 11 consulting firms offering their services. A summary of the responses is attached. Staff will provide a brief update on the RFQ process and the next steps for Executive Committee involvement and review.

**RECOMMENDATION**

- a. This agenda item is for informational purposes only. No Board action is required.
- b. This agenda item is for informational purposes only. No Board action is required.
- c. This agenda item is for informational purposes only. No Board action is required.

Name	1				2	3	4		
	Groundwater Levels	Water Quality	Subsidence	ISW	Demand Management	Domestic Well Mitigation	Project Admin	Community Outreach	Strategic Planning
Consero Solutions									
Dauids Engineering									
ERA Economics									
GEI (with LWA, ERA, and Water Ecology LLC as Subconsultants)				Sub: LWA	Sub: ERA Economics	Sub: ERA Economics			Sub: ERA & Water Ecology LLC
Intera									
Leafbird Consulting (with Dr. Ashwin Nair (UC Davis) and Satyukt Analytics as Subconsultants)					Sub: Dr. Ashwin Nair & Satyukt Analytics	Sub: Satyukt Analytics			
LSCE (with ERA Economics as a Subconsultant)					Sub: ERA Economics	Sub: ERA Economics			
MLJ Environmental									
Montgomery & Associates									
SEI									
West Yost (with ERA Economics as a subconsultant)					Sub: ERA Economics				

Name	Scope of Work	Qualifications and Related Experience	Proposed Team and Fee Schedule	Average Fees	Conflicts
<b>Consero Solutions</b>	4. Project Admin, Community Outreach, and Strategic Planning	<ul style="list-style-type: none"> <li>• YSGA Project Solicitation and Prioritization, funding strategy, and MA advisory committee establishment</li> <li>• NSJWCD Groundwater Community Engagement for GSP-related Projects</li> <li>• Paradise Cut Expansion and South Delta Restoration Project</li> <li>• Yolo Habitat Conservancy HCP/NCCP Development and Approval</li> <li>• Establishment and Facilitation of Yolo County Climate Commission</li> <li>• East Contra Costa County Habitat Conservancy Grant Assistance and Organizational Assessment</li> <li>• National Habitat Conservation Plan Coalition Administrative Support</li> </ul>	Petrea Marchand, Project Manager \$220 Laura Duffy, Project Support \$160 Avarae Dunn, Administrative Support \$150	\$177	None identified
<b>Dauids Engineering</b>	1. Re-evaluate SMC for Groundwater Levels, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program 4. Strategic Planning	<ul style="list-style-type: none"> <li>• Colusa Subbasin GSP development and revisions</li> <li>• Supported GSP development in Corning, Red Bluff, Antelope, and Los Molinos Subbasins</li> <li>• Supports surface layer modeling of the Yuba Groundwater Model for North and South Yuba Subbasins</li> <li>• Supports surface layer modeling for the Solano Subbasin</li> <li>• Led GSP development for Chowchilla Subbasin</li> <li>• Led GSP development for Madera Subbasin</li> </ul>	Jeff Davids, PhD, PE, Supervising Engineer \$228 Katie Klug, PhD, EIT, Associate Engineer I \$188 John Davids, PE, Principal Engineer \$249 Grant Davids, PE, Senior Principal Engineer \$262 Brandon Ertis, MS, PE, Associate Engineer II \$199 Josh Oto, Staff Technician II \$134 Devin Mortensen, Assistant Engineer I \$121 Daniel Smith, PhD, EIT, Staff Engineer I \$163 Chris Sortor, EIT, Assistant Engineer I \$121 Jacob Winslow, EIT, Assistant Engineer I \$121 Kristi Davids, Senior Project Assistant \$120 Cynthia Clark, Associate Project Assistant \$108 Cathy Schroeder, Staff Project Assistant \$94	\$162	DE believes we have no conflicts that would interfere with our ability to assist the YSGA with its GSP implementation initiatives. However, for the sake of transparency, we want to disclose that Grant Davids has assisted the City of Winters in an unpaid capacity supporting sustainable groundwater management, and that DE has a proposal pending before the City of Winters to conduct two groundwater management investigations that are funded by DWR implementation grant funds flowing through the YSGA.
<b>ERA Economics</b>	2. Demand Management Strategies 3. Domestic Well Mitigation Program	<ul style="list-style-type: none"> <li>• Prepared the PMA chapter for Solano, Colusa, Madera, Chowchilla, and ECC Subbasin GSPs.</li> <li>• Developed funding plans for Solano and ECC subbasins</li> <li>• Prepared workplan for voluntary demand management program in Napa Valley Subbasin.</li> <li>• Led development of land repurposing programs in Madera Subbasin.</li> <li>• Analyzed domestic well mitigation and demand management strategies for Madera and Chowchilla</li> <li>• Prepared economic impact analysis of planned demand management programs in Cuyama Subbasin</li> <li>• Economic modeling using WEAP model outputs in the Yolo Subbasin</li> <li>• Prepared water market strategy and valuation of groundwater for the McMullin Area GSA.</li> <li>• Prepared economic feasibility analysis for direct and in-lieu recharge alternatives in Butte County.</li> </ul>	Duncan MacEwan, Ph.D., Project Manager \$265 Stephen Hatchett, Ph.D., Director \$325 Richard Howitt, Ph.D., Director \$325 Jay Noel, Ph.D, Senior Principal Economist \$295 Roger Mann, Ph.D., Senior Principal Economist \$295 Michael McCullough, Ph.D., Senior Economist \$225 Harry Ferdon, M.S., Senior Economist \$225 Brooks Ronspies, M.S., Economist \$200 Jarrett Hart, Ph.D., Economist \$200 Miranda Driver, B.S., Research Associate \$125	\$248	None identified
<b>GEI</b> (with Larry Walker Associates, ERA, and Water Ecology LLC as Subconsultants)	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program 4. Project Admin, Community Outreach, and Strategic Planning	<ul style="list-style-type: none"> <li>• Yolo Subbasin GSP Development</li> <li>• South American Subbasin GSP development and ongoing implementation</li> <li>• Correcting incomplete Kern GSP SMCs for groundwater levels, subsidence, and water quality</li> <li>• Demand management development and support for Madera GSA, also supported their LandFlex program</li> <li>• Demand management program development for Semitropic Water Storage District GSA</li> <li>• Domestic well mitigation program development in Madera GSA</li> <li>• Dunnigan Area Recharge Program</li> </ul>	Larry Rodriguez, Principal-in-Charge \$356 Bryan Thoreson, Ph.D., P.E., Project Manager \$318 Chris Petersen, P.G., C.HG., Technical Review \$356 Sevim Onsoy, Ph.D, Senior Water Resources Planner \$318 Jackie Takeda, Senior Water Quality Specialist \$318 Stephanie Hearn, Senior Water Quality Specialist \$356 Lauren Gordon, P.G., Senior Hydrogeologist \$235 Trevor Kent, Project Geologist \$199 Azad Heidari, Ph.D., Project Professional \$199 Satya Gala, Ph.D, P.E., PMP, Senior Engineer \$356 Laura Foglia, Ph.D., Senior Engineer \$322 Duncan MacEwan, Ph.D., Economist \$265 Stephen Hatchett, Ph.D, Senior Principal Economist \$325 Ryan Fulton, P.E., Senior Engineer \$253 Thad Bettner, P.E., Civil & Agricultural Engineer \$225	\$293	None identified



Name	Scope of Work	Qualifications and Related Experience	Proposed Team and Fee Schedule	Average Fees	Conflicts
<b>Intera</b>	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program	<ul style="list-style-type: none"> <li>Developed SMCs for groundwater levels, water quality, land subsidence, and ISW for several agencies: Delano-Earlimart Irrigation District (DEID), East Kaweah GSA, Upper Ventura Groundwater Agency (UVGA), Mound Basin Groundwater Sustainability Agency (MBGSA), Borrego Water District (BWD), and Arroyo Santa Rosa GSA (ASRGS).</li> <li>Technical lead for subsidence, John Ellis, has authored papers on subsidence and assisted DEID with revisions to their subsidence SMC in response to DWR's comments</li> <li>Technical lead for ISW, Dr. Tyler Hatch, led the development of the C2VSimFG model at DWR</li> <li>Developed demand management strategies for all of the above agencies</li> <li>Developed domestic well mitigation programs for DEID and EKSGA, as well as assisting DEID with well permit analysis</li> </ul>	Abhishek Singh, Ph.D., P.E., Principal-in-Charge \$336 Ryan Alward, PG, CHG, Project Manager \$273 John Ellis, PG, Land Subsidence Technical Lead \$273 Tyler Hatch, Ph.D., P.E., ISW and Modeling Lead \$336 Dara Goldrath, Water Quality Technical Lead \$242 Trey Driscoll, PG, CHG, Technical Resource \$336 Steven Humphrey, PG, Technical Resource \$242 Leila Saberi, Ph.D., Technical Resource \$214 Marisa Earll, Technical Resource \$214 Mitsuyo Tsuda, Technical Resource \$171 Mackenzie Dughi, Technical Resource \$187 Nathan Hatch, Technical Resource \$187	\$251	None identified
<b>Leafbird Consulting</b> (with Dr. Ashwin Nair (UC Davis) and Satyukt Analytics as Subconsultants)	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program 4. Project Admin, Community Outreach, and Strategic Planning	<ul style="list-style-type: none"> <li>Vishal Mehta led the development of the YSGA model, and has assisted with the development of the GSP and Annual Reports.</li> <li>Experience with water supply forecasting with CA SWRCB and Colorado Springs Utilities</li> <li>Assisted with the 2023 update to the California Water Plan</li> <li>Assisted YFCF&amp;WCD with modeling climate change impacts in Yolo County</li> <li>Professor Ashwin Nair (subcontractor) can be leveraged to analyze historical water usage patterns, predict future demand, and simulate the effects of different groundwater allocation rules.</li> <li>"Sakyukt Analytics" (subcontractor) offers a decision analytics platform that provides satellite remote sensing, machine learning, and big data analytics to answer large-area issues in agriculture.</li> </ul>	Vishal Mehta, Ph. D, Project Manager \$175 Deborah Gross, M.S., Support \$180 Ashwin Nair, Ph.D., allocation policy development \$175 Satkumar Tomer, Ph.D., Remote sensing applications \$100	\$157	None identified
<b>LSCE</b> (with ERA Economics as a Subconsultant)	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program	<ul style="list-style-type: none"> <li>Developed SMCs related to groundwater levels, water quality, subsidence, and ISW and responded to corrective actions from DWR in the following subbasins: Chowchilla, Madera, Solano, Napa Valley, Red Bluff, Westside, and East Bay Plain</li> <li>Developed ISW workplans to characterize the relationships between groundwater levels and ISW in Napa Valley, Chowchilla, and Madera Subbasins.</li> <li>Developed demand management mechanisms and scenarios in the following subbasins: Madera, Chowchilla, Napa Valley, and Solano.</li> <li>Supported development of domestic well mitigation programs in Chowchilla and Madera Subbasins</li> <li>Conducted well inventories in Solano, Napa Valley, Chowchilla, Madera, and Red Bluff Subbasins.</li> </ul>	Peter Leffler, PG, CHG, Senior Principal Hydrogeologist \$260 Vicki Kretsinger Grabert, Senior Principal Hydrologist \$260 Nick Watterson, PG, CHG, Principal Hydrogeologist \$248 Pavan Dhaliwal, Senior Hydrogeologist \$200 Will Anderson, GIT, Project Geologist \$182 Bernadette Boyle, Project Hydrogeologist \$182 Faith Lovelace Carr, PG, Project Hydrogeologist \$182 Matt Sturdivant, Staff Hydrogeologist \$165 Stephen Hatchett, PhD, Senior Principal Economist \$295 Duncan MacEwan, PhD, Principal Economist \$265 Harry Ferdon, Senior Economist \$225 Brooks Ronspies, Economist II \$200	\$222	None identified
<b>MLJ Environmental</b>	3. Domestic Well Mitigation Program 4. Project Admin, Community Outreach, and Strategic Planning	<ul style="list-style-type: none"> <li>Worked with the Central Valley Groundwater Monitoring Collaborative (CVGMC) to develop a centralized Data Management System that allows users to upload and retrieve well locations, groundwater levels, and quality.</li> <li>Developed the Watermark platform for North Fork Kings GSA, an online platform for well registration.</li> <li>Created and facilitated the Nutrient Symposium event for the Delta Regional Monitoring Program</li> <li>Combined technical expertise with project admin skills to assist the Kaweah Water Foundation with outreach and planning for the implementation of their CV SALTS plan.</li> </ul>	Melissa Turner, President \$235 Steve Gunsch, Chief Operating Officer \$235 Tejal Rider, Product Manager \$175 Jennifer Glenn, Project Manager \$160 Jennifer Sanchez, Data Specialist \$160 Evan Dunham, Product Designer \$175 Andrew Tkach, Junior Project Manager \$138	\$183	None identified
<b>Montgomery &amp; Associates</b>	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 4. Strategic Planning Services	<ul style="list-style-type: none"> <li>Has supported SGMA planning and implementation for Vina, Wyandotte Creek, Butte, and Sonoma Valley Subbasins, as well as inter-basin coordination efforts related to GSP development and modeling boundary flows</li> <li>Supported the development of Vina GSA's successful SGMA Implementation Grant application</li> <li>Developing SMCs for Kaweah Subbasin in response to incomplete and inadequate determinations</li> <li>Led development of 6 approved GSPs in the Salinas Valley Basin. Also developed a data management system and public web map.</li> </ul>	Lisa Porta, P.E, Project Manager \$245 Pete Dennehy, P.G., C.Hg., Deputy PM and Technical Lead \$225 Georgina King, P.G., C.Hg., SGMA Strategic Advisor \$273 Derrik Williams, P.G., C.Hg., SGMA Strategic Advisor \$299 Patrick Wickham, P.G., Hydrogeologist \$179 Hanni Haynes, Hydrogeologist \$179 Michael Levensgood, GIS and Data Manager \$201 Luis Mendez, GIS and Data Support \$154	\$219	None identified

Name	Scope of Work	Qualifications and Related Experience	Proposed Team and Fee Schedule	Average Fees	Conflicts
SEI	1. Re-evaluate SMC for Groundwater Levels and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program	<ul style="list-style-type: none"> <li>SEI staff have been engaged in water management in Yolo County for over a decade, beginning with the development of a WEAP model of the Upper Cache Creek System</li> <li>WEAP model was linked to a MODFLOW groundwater model in 2018 to support development of the Yolo GSP</li> <li>The developed model can be used to determine the likely spatial patterns and magnitude of groundwater decline, informing the spatial need for demand management strategies and domestic well mitigation. The model can also explore the interactions of both policies and their potential outcomes.</li> <li>Has previously worked with YFCF&amp;WCD to create severe drought climate scenarios and study the effects of groundwater recharge</li> </ul>	Chuck Young, Ph.D, Project Manager \$182 Marina Mautner, Ph.D, Groundwater/programming expert \$115	\$148	None identified
<b>West Yost</b> (with ERA Economics as a subconsultant)	1. Re-evaluate SMC for Groundwater Levels, Water Quality, Land Subsidence, and ISW 2. Demand Management Strategies 3. Domestic Well Mitigation Program 4. Project Admin, Community Outreach, and Strategic Planning	<ul style="list-style-type: none"> <li>Led development of revisions to the Big Valley Basin GSP, including revisions to groundwater levels and water quality SMCs. Also designed a framework for a domestic well mitigation program.</li> <li>Prepared initial GSP for the Colusa Subbasin and has assisted with revisions since the plan was deemed incomplete. Conducted outreach to identify critical infrastructure and analysis to support development of a domestic well mitigation program. Developed a 3D Hydrogeologic Conceptual Model, and developed SMC for inelastic land subsidence.</li> <li>Developed and implemented a Subsidence Management Plan for the Chino Subbasin</li> <li>Developed and implemented the Upper Temescal Valley Salt and Nutrient Management Plan</li> <li>Creation of an adaptive management plan to monitor the impact of groundwater management plans on critical riparian habitat</li> <li>Developed a comprehensive, flexible framework to manage storage in the Chino Basin and evaluate impacts of storage use on groundwater levels, groundwater quality, and interconnected surface water.</li> </ul>	Garrett Rapp, PE, Project Manager \$256 Ken Loy, PG, CEG, CHG, Technical Lead \$302 Kelye McKinney, PE, Principal-in-Charge \$318 Samantha Adams, Quality Assurance/Quality Control Lead \$318 Anna Reimer, PG, Associate Geologist I \$214 Andy Malone, PG, Principal Geologist II \$302 Sean Yarborough, Senior Scientist II \$268 Clay Sorensen, PG, CHG, Senior Hydrogeologist I \$256 Peter Dellavalle, PG, Senior Geologist II \$268 Brett Storey, Principal Engineer II \$302 David Garrison, Technical Specialist I \$176 Michael Schaefer, PhD, Senior Scientist I \$256 David Jaffe, PhD, PE, D.WRE, Principal Engineer II \$302 Veva Weamer, Principal Scientist I \$287 Indigo Bannister, Associate Scientist I \$214 Duncan MacEwan, PhD, Principal Economist \$265 Stephen Hatchett, PhD, Senior Principal Economist \$295 Harry Ferdon, Senior Economist \$225 Brooks Ronspies, Economist II \$200	\$264	West Yost has no known conflicts of interest for this project. Therefore, we do not believe it is necessary to obtain any conflict of interest waivers from any existing West Yost clients. Should a conflict or potential conflict arise, West Yost would immediately notify YSGA staff to address the conflict. However, for full transparency, we would like to disclose that the newest staff member of Yolo County Flood Control & Water Conservation District, Erik Cadaret, was formerly employed at West Yost as part of our groundwater team.