



# Yolo Subbasin Groundwater Agency

34274 State Highway 16, Woodland, CA 95695

(530) 662-3211

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## YSGA Executive Committee October 21, 2024, 12:00 – 1:00 p.m.

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Hosted at Yolo County Flood Control & Water Conservation District  
34274 State Highway 16, Woodland, CA 95695

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### AGENDA

1. **Call to Order**
2. **Adding Items to the Posted Agenda**- In order to add an item to the agenda, it must fit into one of the following categories: a) A majority determination that an emergency (as defined by the Brown Act) exists; or b) A 4/5ths determination that the need to take action that arose subsequent to the agenda being posted.
3. **Public Comment** - The public may address the Committee relating to matters within the YSGA's jurisdiction.
4. **Administrative Items** (Sicke)
  - a) [Approve August 21, 2024 Meeting Minutes](#), pages 3-4
  - b) [Review Financials: FY 2024-2025: 8/15 – 10/17/24](#), pages 5-13
  - c) Approve Payments\*, page 2
  - d) [Approve Contract with LandIQ](#), pages 14-15
5. [Appoint Committee for Selection of Officers](#), pages 16-18
6. [YCFC&WCD Healthy Rivers & Landscapes Initiative](#) (Sicke), pages 19-22
7. **Update on YSGA GSP Implementation Actions:** Discussion Item (Staff)
  - a) Meeting with North Yolo and South Colusa Groundwater Managers
  - b) SGMA Implementation Grant Project Update
    - Yolo-Zamora Groundwater Recharge Project: Permitting Review
    - [Additional Assistance to Update HCM and Groundwater Model](#), pages 23-24
8. **Other Updates & Future Executive Committee Agenda Items**
9. **Next Executive Committee Meeting Date:** November \_\_, 2024
10. **Adjourn**

I declare under penalty of perjury that the foregoing agenda for this meeting of the Executive Committee for the Yolo Subbasin Groundwater Agency was posted by October, 18 2024 in the office located at 34274 State Highway 16, Woodland, CA and was available to the public during normal business hours.

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Kristin Sicke  
Executive Officer

<b>* PAYMENTS:</b>
ACWA JPIA Cyber Liability Insurance FY 2024/25: \$100.00
Downey Brand Invoice #605511: August Legal Services: \$918.00
Consero Solutions Invoice # 2059: September Services: \$2,490.00
Leafbird Consulting Invoice #9: September Professional Services: \$7,900.00 ( <i>Grant Reimbursable</i> )
LedgerPro Invoice #3681: September Bookkeeping Services: \$1,175.00
LedgerPro Invoice #3610: August Bookkeeping Services: \$680.00
YCFC&WCD Postage and Copies Expenses: September 2024: \$116.39

<b>Contractor</b>	<b>Services Provided</b>	<b>Contract Total</b>	<b>Contract Period</b>	<b>Expended to Date</b>	<b>As of</b>	<b>Funding Source</b>
Consero Solutions	Grants and public outreach	\$150,253	Jul. 2022 – Dec. 2024 (2 amendments)	\$150,248	9/30/24	YSGA Funds
Downey Brand	Legal services	n/a	n/a			YSGA Funds
Frame Surveying & Mapping	Subsidence survey	\$91,700	Apr. 2024 – Apr. 2026	\$78,920	7/31/24	SGMA Grant
Leafbird Consulting	Modeling & technical support	\$173,024	Jan. 2024 – Apr. 2026	\$46,294	9/30/24	SGMA Grant
LedgerPro Bookkeeping	Bookkeeping	n/a	n/a			YSGA Funds
LSCE	Fee Study	\$82,224		\$14,284	3/31/24	SGMA Grant
SEI	Modeling & technical support	\$300,976	Jan 2024 – Apr 2026	\$35,762	6/30/24	SGMA Grant
Water and Land Solutions	China Slough rehabilitation	\$684, 800	Jan. 2024 – Mar. 2026	\$79,137	8/31/24	SGMA Grant
Websoft Developers	Database management	\$258,000	Feb. 2024 – Apr. 2026	\$29,790	6/30/24	SGMA Grant
YCFC&WCD	Admin & tech services	\$630,000	Jul. 2024 – Jun. 2025	\$0	6/30/24	YSGA Funds, SGMA Grant

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
August 21, 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, Carol Scianna, Kristin Sicke

**Present Staff:** Nathan Fisher, Sarah Leicht, Erik Cadaret, Dotty Pritchard, Elisa Sabatini (phone)

**Present Public:** Brad Gaber

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:** Brad Gaber introduced himself and his interest in the YSGA.
4. **Administrative Items (Sicke):**
  - a) *June 26, 2024 meeting minutes:* Carol Scianna motioned to approve the June 26 meeting minutes, seconded by David Schaad and approved unanimously.
  - b) *Reviewed financials: FY 2023-2024: 7/1 – 8/14/24: Financials* were provided with the agenda packet.
  - c) *Payments to approve:* Payments were provided with the agenda packet. David Schaad moved to approve the payments, seconded by Carol Scianna and approved unanimously.
  - d) *Approve Contract Amendment with Frame Surveying and Mapping:* David Schaad moved to approve the amendment, seconded by Carol Scianna and approved unanimously.
  - e) *YSGA position on Climate Bond:* Kristin announced that the coalition for Proposition 4 is looking for additional agencies and organizations to endorse the bond. The bond will be on the ballot this year and would provide additional funding to the SGMA program and other water issues. The committee concurred this should be brought to the Board in September as a discussion item.
5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)
  - a) *Water Conditions Update:* Groundwater levels are similar to last year. YCFC&WCD will have enough water remaining in Indian Valley Reservoir for next year. Levels in Shasta Reservoir also remain high.
  - b) *SGMA Implementation Grant Update:* Kristin and staff provided a brief update on the progress of projects funded by the SGMA Implementation grant.
  - c) *Finance Committee Update:* Kristin is continuing outreach to individual member agencies to get feedback on strawman proposals.
6. **Review of Draft Agenda Items for September 16, 2024 Board of Directors Meeting**
  - a) Consent Items
    - i) Meeting Minutes
    - ii) Financials
    - iii) Approve Payment of Bills
  - b) DWR Update
  - c) NCWA Update on GW Legislation
  - d) Well Permitting Update
  - e) SGMA Implementation Grants Update

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
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34274 State Highway 16, Woodland

An update on Prop 4 will be added to the agenda.

**8. Other Updates & Future Executive Committee Agenda Items:** The Committee will need to discuss the YSGA Chair appointment.

**9. Next Executive Committee Meeting Date:** October 16, 2024.

**10. Adjourned** at 1:01 pm.

Respectfully submitted,



Kristin Sicke  
Executive Officer

## Yolo Subbasin Groundwater Agency Budget vs. Actual July 2024 through June 2025

	<u>Jul '24 - Jun 25</u>	<u>Budget</u>	<u>% of Budget</u>
<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	92.24%
4200 · Member Contributions-Affiliates	65,170.00	65,170.00	100.0%
4700 · Well Permitting Regulatory Fees	1,095.13	10,000.00	10.95%
4800 · Grants Invoiced/Received			
4810 · YSGA	144,434.87	1,702,920.00	8.48%
4820 · Pass-Thru	0.00	2,707,435.00	0.0%
<b>Total 4800 · Grants Invoiced/Received</b>	<u>144,434.87</u>	<u>4,410,355.00</u>	<u>3.28%</u>
4900 · Interest Income	1.43	12,000.00	0.01%
<b>Total Income</b>	<u>608,542.93</u>	<u>4,915,367.00</u>	<u>12.38%</u>
<b>Expense</b>			
5100 · Bank & Other Fees	0.00	1,500.00	0.0%
5300 · Insurance-General & Auto	2,069.00	2,500.00	82.76%
5500 · Membership Dues	0.00	25,000.00	0.0%
7000 · Admin. Expenses	1,046.07	7,500.00	13.95%
7100 · Project Mgmt-SGMA Implementatio	28,905.76	50,000.00	57.81%
7200 · Consultant Services	14,388.75	200,000.00	7.19%
7300 · Legal Services	2,578.50	35,000.00	7.37%
7350 · Audit Services - Financial	0.00	8,500.00	0.0%
7500 · GW Monitoring-Real-time Sensors	0.00	90,000.00	0.0%
7600 · YC Groundwater Monitor Program	120.00		
7700 · GSP Verif in Well Permit Review	4,957.45	25,000.00	19.83%
8100 · {A} Component Administration			
8110 · YSGA	47,952.21	528,403.00	9.08%
8120 · Pass-Thru	0.00	1,906,547.00	0.0%
<b>Total 8100 · {A} Component Administration</b>	<u>47,952.21</u>	<u>2,434,950.00</u>	<u>1.97%</u>
8200 · {B} Environmtl/Engineer/Design			
8210 · YSGA	92,844.41	815,681.00	11.38%
8220 · Pass-Thru	0.00	800,888.00	0.0%
<b>Total 8200 · {B} Environmtl/Engineer/Design</b>	<u>92,844.41</u>	<u>1,616,569.00</u>	<u>5.74%</u>
8300 · {C} Construction/Implementation			
8310 · YSGA	51.25	358,836.00	0.01%
<b>Total 8300 · {C} Construction/Implementation</b>	<u>51.25</u>	<u>358,836.00</u>	<u>0.01%</u>
8500 · {E} Engagement/Outreach			
8510 · YSGA	3,587.00		
<b>Total 8500 · {E} Engagement/Outreach</b>	<u>3,587.00</u>		
<b>Total Expense</b>	<u>198,500.40</u>	<u>4,855,355.00</u>	<u>4.09%</u>
<b>Net Ordinary Income</b>	<u>410,042.53</u>	<u>60,012.00</u>	
<b>Net Income</b>	<u><u>410,042.53</u></u>	<u><u>60,012.00</u></u>	

Yolo Subbasin Groundwater Agency

**Balance Sheet**

As of October 17, 2024

Oct 17, 24

**ASSETS**

Current Assets

Checking/Savings

1000 · 1st Northern-Checking	24,000.00
1010 · 1st Northern-Savings	5,674.73
1020 · Yolo County Treasury	1,266,466.85

Total Checking/Savings 1,296,141.58

Accounts Receivable

1100 · Accounts Receivable	720,401.95
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Total Accounts Receivable 720,401.95

Total Current Assets 2,016,543.53

Other Assets

1500 · Grant Award Unused	6,969,244.82
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Total Other Assets 6,969,244.82

**TOTAL ASSETS 8,985,788.35**

**LIABILITIES & EQUITY**

Liabilities

Current Liabilities

Accounts Payable

2000 · Accounts Payable	546,179.83
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Total Accounts Payable 546,179.83

Total Current Liabilities 546,179.83

Total Liabilities 546,179.83

Equity

3000 · Unassigned Fund Balance	-24,000.00
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3200 · Retained Earnings	1,058,844.42
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3300 · Assigned Fund Balance	24,000.00
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3400 · Grantor Fund Balance

3401 · Grant Administration	553,166.67
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3402 · YSGA GSP Implementation	1,412,543.13
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3403 · YCFWCWD Winter Water Recharge	2,320,117.84
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3404 · City of Winters Feasibility Stu	580,000.00
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3405 · Yolo-Zamora Grndwtr Recharge Pi	922,417.18
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3406 · Dunnigan Area Recharge Program	1,181,000.00
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Total 3400 · Grantor Fund Balance 6,969,244.82

Net Income 411,519.28

Total Equity 8,439,608.52

**TOTAL LIABILITIES & EQUITY 8,985,788.35**

**Yolo Subbasin Groundwater Agency**  
**Profit & Loss**  
 July 1 through October 17, 2024

	<u>Jul 24</u>	<u>Aug 24</u>	<u>Sep 24</u>	<u>Oct 1 - 17, 24</u>	<u>TOTAL</u>
<b>Ordinary Income/Expense</b>					
<b>Income</b>					
<b>4000 · Member Contributions-Municipal</b>	160,000.00	0.00	0.00	0.00	160,000.00
<b>4100 · Member Contributions-Rural</b>	237,841.50	0.00	0.00	0.00	237,841.50
<b>4200 · Member Contributions-Affiliates</b>	65,170.00	0.00	0.00	0.00	65,170.00
<b>4700 · Well Permitting Regulatory Fees</b>	45.13	700.00	0.00	350.00	1,095.13
<b>4800 · Grants Invoiced/Received</b>					
<b>4810 · YSGA</b>	0.00	0.00	144,434.87	0.00	144,434.87
<b>Total 4800 · Grants Invoiced/Received</b>	0.00	0.00	144,434.87	0.00	144,434.87
<b>4900 · Interest Income</b>	0.00	0.00	1.43	0.00	1.43
<b>Total Income</b>	463,056.63	700.00	144,436.30	350.00	608,542.93
<b>Expense</b>					
<b>5300 · Insurance-General &amp; Auto</b>	592.25	0.00	0.00	0.00	592.25
<b>7000 · Admin. Expenses</b>	170.46	34.23	841.38	0.00	1,046.07
<b>7100 · Project Mgmt-SGMA Implementatio</b>	0.00	0.00	28,905.76	0.00	28,905.76
<b>7200 · Consultant Services</b>	5,210.00	5,513.75	3,665.00	0.00	14,388.75
<b>7300 · Legal Services</b>	1,660.50	918.00	0.00	0.00	2,578.50
<b>7600 · YC Groundwater Monitor Program</b>	0.00	0.00	120.00	0.00	120.00
<b>7700 · GSP Verif in Well Permit Review</b>	0.00	0.00	4,957.45	0.00	4,957.45
<b>8100 · {A} Component Administration</b>					
<b>8110 · YSGA</b>	896.00	563.75	46,492.46	0.00	47,952.21
<b>Total 8100 · {A} Component Administration</b>	896.00	563.75	46,492.46	0.00	47,952.21
<b>8200 · {B} Environmtl/Engineer/Design</b>					
<b>8210 · YSGA</b>	46,137.86	23,190.43	23,516.12	0.00	92,844.41
<b>Total 8200 · {B} Environmtl/Engineer/Design</b>	46,137.86	23,190.43	23,516.12	0.00	92,844.41
<b>8300 · {C} Construction/Implementation</b>					
<b>8310 · YSGA</b>	0.00	51.25	0.00	0.00	51.25
<b>Total 8300 · {C} Construction/Implementation</b>	0.00	51.25	0.00	0.00	51.25
<b>8500 · {E} Engagement/Outreach</b>					
<b>8510 · YSGA</b>	768.75	2,818.25	0.00	0.00	3,587.00
<b>Total 8500 · {E} Engagement/Outreach</b>	768.75	2,818.25	0.00	0.00	3,587.00
<b>Total Expense</b>	55,435.82	33,089.66	108,498.17	0.00	197,023.65
<b>Net Ordinary Income</b>	407,620.81	-32,389.66	35,938.13	350.00	411,519.28
<b>Net Income</b>	<u>407,620.81</u>	<u>-32,389.66</u>	<u>35,938.13</u>	<u>350.00</u>	<u>411,519.28</u>

**Yolo Subbasin Groundwater Agency  
Transaction List by Date  
August 14 through October 17, 2024**

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount
<b>Aug 14 - Oct 17, 24</b>								
Payment	08/14/2024	99950	Dunnigan Water District		1200 · Undeposited Funds	√	1100 · Accounts Receivable	5,350.00
Transfer	08/20/2024			Funds Transfer	1020 · Yolo County Treasury	√	1000 · 1st Northern-Checking	-52,096.35
Bill Pmt -Check	08/22/2024	368	Consero Solutions	July services performed	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-4,370.00
Bill Pmt -Check	08/22/2024	369	Frame Surveying & Mapping	FSM Job #9763-001 Yolo Subsidence Network 202	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-7,960.18
Bill Pmt -Check	08/22/2024	370	Leafbird Consulting, LLC	Costs for period July 1 - July 31, 2024	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-4,108.00
Bill Pmt -Check	08/22/2024	371	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-15,734.43
Bill Pmt -Check	08/22/2024	372	Websoft Developers, Inc.	Mobile-MMS Implemenation of WRID 7/1/2024-6/30	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-20,000.00
Bill Pmt -Check	08/22/2024	373	West Yost	VOID: Professional services from June 1, 2024 to Ju	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	0.00
Bill Pmt -Check	08/22/2024	374	Yolo County Flood Control & WCD	Copies & Postage 7/1 - 7/31/2024	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-170.46
Bill Pmt -Check	08/22/2024	375	LedgerPro Bookkeeping	July Bookkeeping Services	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-840.00
Deposit	08/27/2024			Deposit	1020 · Yolo County Treasury	√	4700 · Well Permitting Regulatory Fees	350.00
Payment	08/28/2024	1549	Reclamation District 1600		1200 · Undeposited Funds	√	1100 · Accounts Receivable	1,731.00
Deposit	08/29/2024			Deposit	1020 · Yolo County Treasury	√	4700 · Well Permitting Regulatory Fees	350.00
Bill	08/31/2024	2051	Consero Solutions	August services performed	2000 · Accounts Payable		7200 · Consultant Services	-4,833.75
Bill	08/31/2024	8	Leafbird Consulting, LLC	Costs for period August 1 - August 31, 2024	2000 · Accounts Payable		8210 · YSGA	-5,846.00
Bill	08/31/2024	4159	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge	2000 · Accounts Payable		-SPLIT-	-20,777.68
Bill	08/31/2024	3610	LedgerPro Bookkeeping	August Bookkeeping Services	2000 · Accounts Payable		7200 · Consultant Services	-680.00
Bill	08/31/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 8/1 - 8/31/2024	2000 · Accounts Payable		7000 · Admin. Expenses	-34.23
Bill	08/31/2024	605511	Downey Brand LLP	Services rendered through August 31, 2024	2000 · Accounts Payable		7300 · Legal Services	-918.00
Deposit	09/13/2024			Deposit	1020 · Yolo County Treasury	√	-SPLIT-	7,081.00
Payment	09/13/2024	1036	Reclamation District 765		1200 · Undeposited Funds	√	1100 · Accounts Receivable	700.00
Payment	09/15/2024	1504	Rumsey Water Users Association		1200 · Undeposited Funds	√	1100 · Accounts Receivable	170.00
Bill Pmt -Check	09/19/2024	376	ACWA/JPIA	FY 7/1/24 to 6/30/25 Cyber Liability Inv #O-0001000	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-100.00
Bill Pmt -Check	09/19/2024	377	Consero Solutions	August services performed	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-4,833.75
Bill Pmt -Check	09/19/2024	378	Downey Brand LLP	Services rendered through July 31, 2024	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-1,660.50
Bill Pmt -Check	09/19/2024	379	Leafbird Consulting, LLC	Costs for period August 1 - August 31, 2024	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-5,846.00
Bill Pmt -Check	09/19/2024	380	Water & Land Solutions, LLC	Component 5: Yolo-Zamora Groundwater Recharge	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-20,777.68
Bill Pmt -Check	09/19/2024	381	West Yost		1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-5,955.50
Bill Pmt -Check	09/19/2024	382	Yolo County Flood Control & WCD	Copies & Postage 8/1 - 8/31/2024	1000 · 1st Northern-Checking	√	2000 · Accounts Payable	-34.23
Transfer	09/19/2024			Funds Transfer	1020 · Yolo County Treasury	√	1000 · 1st Northern-Checking	-33,045.16
Payment	09/27/2024	5036849	University of California Davis		1200 · Undeposited Funds	√	1100 · Accounts Receivable	40,000.00
Invoice	09/30/2024	46-15XXX-03	Department of Water Resources	DRAFT 07/01/24-09/30/24	1100 · Accounts Receivable		-SPLIT-	144,434.87
General Journal	09/30/2024	46-15XXX-03	Department of Water Resources	Record DRAFT invoice prepared to DWR for July 1,	1500 · Grant Award Unused		-SPLIT-	-144,434.87
Bill	09/30/2024	9	Leafbird Consulting, LLC	Costs for period September 1 - September 30, 2024	2000 · Accounts Payable		8210 · YSGA	-7,900.00
Bill	09/30/2024	3681	LedgerPro Bookkeeping	September Bookkeeping Services	2000 · Accounts Payable		7200 · Consultant Services	-1,175.00
Bill	09/30/2024	2024.0930	Yolo County Flood Control & WCD	Expenses 07/01/2024 - 9/30/2024	2000 · Accounts Payable		-SPLIT-	-96,816.78
Bill	09/30/2024	2059	Consero Solutions	September services performed	2000 · Accounts Payable		7200 · Consultant Services	-2,490.00



**Yolo Subbasin Groundwater Agency  
Transaction List by Date  
August 14 through October 17, 2024**

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount
Deposit	09/30/2024			Interest	1010 · 1st Northern-Savings	√	4900 · Interest Income	1.43
Bill	09/30/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 9/1 - 9/30/2024	2000 · Accounts Payable		7000 · Admin. Expenses	-116.39
Deposit	10/01/2024			Deposit	1020 · Yolo County Treasury		-SPLIT-	40,870.00
Deposit	10/09/2024			Deposit	1020 · Yolo County Treasury		4700 · Well Permitting Regulatory Fees	350.00

Aug 14 - Oct 17, 24

**Yolo Subbasin Groundwater Agency**  
**Statement of Cash Flows**  
July 1 through October 17, 2024

	<u>Jul 1 - Oct 17, 24</u>
<b>OPERATING ACTIVITIES</b>	
Net Income	411,519.28
Adjustments to reconcile Net Income	
to net cash provided by operations:	
1100 · Accounts Receivable	82,918.36
1150 · Prepaid Insurance	492.25
2000 · Accounts Payable	<u>-143,364.86</u>
Net cash provided by Operating Activities	351,565.03
<b>INVESTING ACTIVITIES</b>	
1500 · Grant Award Unused	<u>144,434.87</u>
Net cash provided by Investing Activities	144,434.87
<b>FINANCING ACTIVITIES</b>	
3010 · Nonspendable Fund Balance	-492.00
3200 · Retained Earnings	492.00
3400 · Grantor Fund Balance:3401 · Grant Administration	-45,693.31
3400 · Grantor Fund Balance:3402 · YSGA GSP Implementation	-60,971.00
3400 · Grantor Fund Balance:3405 · Yolo-Zamora Grndwtr Recharge Pi	<u>-37,770.56</u>
Net cash provided by Financing Activities	<u>-144,434.87</u>
Net cash increase for period	351,565.03
Cash at beginning of period	944,576.55
Cash at end of period	<u><u>1,296,141.58</u></u>

**Yolo Subbasin Groundwater Agency**  
**Open Invoices**  
As of October 17, 2024

	<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>P. O. #</u>	<u>Name</u>	<u>Terms</u>	<u>Due Date</u>	<u>Aging</u>	<u>Open Balance</u>
<b>Colusa Drain Mutual Water Comany</b>									
	Invoice	07/09/2024	2024-6		Colusa Drain Mutual Water Comany	50% Invoice Due Date	01/29/2025		<u>5,000.00</u>
Total Colusa Drain Mutual Water Comany									5,000.00
<b>Department of Water Resources</b>									
	Invoice	06/30/2024	46-15XXX-02	FINAL	Department of Water Resources	Net 90	09/28/2024	19	550,393.83
	Invoice	09/30/2024	46-15XXX-03	DRAFT	Department of Water Resources	Net 90	12/29/2024		<u>144,434.87</u>
Total Department of Water Resources									694,828.70
<b>Reclamation District 150</b>									
	Invoice	07/09/2024	2024-12		Reclamation District 150	50% Invoice Due Date	01/29/2025		<u>1,073.25</u>
Total Reclamation District 150									1,073.25
<b>Reclamation District 2035</b>									
	Invoice	07/09/2024	2024-14		Reclamation District 2035	50% Invoice Due Date	01/29/2025		<u>9,500.00</u>
Total Reclamation District 2035									9,500.00
<b>Yolo County Farm Bureau</b>									
	Invoice	07/09/2024	2024-25		Yolo County Farm Bureau	Net 30	08/08/2024	70	<u>10,000.00</u>
Total Yolo County Farm Bureau									<u>10,000.00</u>
<b>TOTAL</b>									<b><u><u>720,401.95</u></u></b>

**Yolo Subbasin Groundwater Agency  
A/P Aging Summary  
As of October 17, 2024**

	<b>Current</b>	<b>1 - 30</b>	<b>31 - 60</b>	<b>61 - 90</b>	<b>&gt; 90</b>	<b>TOTAL</b>
<b>Consero Solutions</b>	0.00	2,490.00	0.00	0.00	0.00	2,490.00
<b>Downey Brand LLP</b>	918.00	0.00	0.00	0.00	0.00	918.00
<b>Leafbird Consulting, LLC</b>	7,900.00	0.00	0.00	0.00	0.00	7,900.00
<b>LedgerPro Bookkeeping</b>	1,175.00	680.00	0.00	0.00	0.00	1,855.00
<b>Richardson &amp; Company LLP</b>	0.00	0.00	0.00	0.00	15,300.00	15,300.00
<b>Yolo County Flood Control &amp; WCD</b>	96,933.17	420,783.66	0.00	0.00	0.00	517,716.83
<b>TOTAL</b>	<b><u>106,926.17</u></b>	<b><u>423,953.66</u></b>	<b><u>0.00</u></b>	<b><u>0.00</u></b>	<b><u>15,300.00</u></b>	<b><u>546,179.83</u></b>

## Yolo Subbasin Groundwater Agency Upcoming Cash Requirements As of October 17, 2024

	Type	Date	Num	Name	Memo	Due Date	Aging	Open Balance
<b>Current</b>								
	Bill	08/31/2024	605511	Downey Brand LLP	Services rendered through August 31, 2024	10/24/2024		918.00
	Bill	09/30/2024	2024.0930	Yolo County Flood Control & WCD	Expenses 07/01/2024 - 9/30/2024	10/30/2024		96,816.78 ***
	Bill	09/30/2024	YSGA Expenses	Yolo County Flood Control & WCD	Copies & Postage 9/1 - 9/30/2024	10/30/2024		116.39
	Bill	09/30/2024	9	Leafbird Consulting, LLC	Costs for period September 1 - September 30, 2024	10/31/2024		7,900.00
	Bill	09/30/2024	3681	LedgerPro Bookkeeping	September Bookkeeping Services	10/31/2024		1,175.00
Total Current								<u>106,926.17</u>
<b>1 - 30</b>								
	Bill	06/30/2024	FINAL 4/1/24-6/30/24	Yolo County Flood Control & WCD	SGMA Grant Reimbursable Costs	10/31/2024		420,783.66 **
	Bill	08/31/2024	3610	LedgerPro Bookkeeping	August Bookkeeping Services	09/30/2024	17	680.00
	Bill	09/30/2024	2059	Consero Solutions	September services performed	10/15/2024	2	2,490.00
Total 1 - 30								<u>423,953.66</u>
<b>31 - 60</b>								
Total 31 - 60								
<b>61 - 90</b>								
Total 61 - 90								
<b>&gt; 90</b>								
	Bill	06/30/2023	FY2022	Richardson & Company LLP	Audit services for 06/30/22 FYE not to exceed \$7,5	06/30/2023	475	7,500.00 *
	Bill	07/01/2023	FY2023	Richardson & Company LLP	Audit services for 06/30/23 FYE not to exceed \$7,8	12/31/2023	291	7,800.00 *
Total > 90								<u>15,300.00</u>
<b>TOTAL</b>								<u><u><b>546,179.83</b></u></u>

Current Cash Balance {Checking Only}	24,000.00
Ending Cash Balance After Paying Bills Actually Owed	10,720.61
Desired Reserve in Checking/Savings (Per Assigned Fund Balance)	24,000.00
Ending Cash Reserve or (Transfer Needed)	<b>(13,279.39)</b>

**REMOVALS FROM PAYABLES DUE AND CASH NEEDED**

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

\*\* Invoice not due until Grant funds arrive

\*\*\* Exceeds \$20,000 EC Approval Maximum...will be approved at Board Meeting

# YOLO SUBBASIN GROUNDWATER AUTHORITY – 2024 WATER YEAR LAND USE MAPPING

**PREPARED FOR:** Sarah Leicht/Yolo Subbasin Groundwater Authority

**PREPARED BY:** Joel Kimmelshue/Land IQ  
Casey Gudel/Land IQ

**DATE:** October 7, 2024

## INTRODUCTION

To comply with the Sustainable Groundwater Management Act (SGMA), Groundwater Sustainability Agencies are required to submit Annual Reports. As a result, the Yolo Subbasin Groundwater Authority is seeking land use mapping data for the 2024 Water Year.

## LAND IQ BACKGROUND

Land IQ is a private technology, research, and science-based consulting firm that specializes in integrating agronomic sciences with spatial sciences to address large-scale land management and landscape analysis challenges. Specifically, we integrate agronomic land-based sciences, remote sensing, GIS, and advanced data management to better understand agricultural management and production systems at the field-scale. We also build specific, web-based interactive data management tools and solutions for the purposes of viewing results and dissemination of data.

## STAFFING RESOURCES & PROJECT COOPERATORS

Staff expected to work on this project from Land IQ have been involved in various aspects of land use mapping via remote sensing and ground truthing since 2011, and are listed below. Other appropriately qualified staff may also participate to facilitate timely completion of any tasks approved by the Yolo Subbasin Groundwater Authority as a part of this proposed scope of work.

- Principal In Charge and Agricultural Scientist – Joel Kimmelshue, PhD
- Project and Client Services Manager – Casey Gudel, MS
- Agricultural Scientist – Mica Heilmann, BS
- Agricultural Scientist – Joel Crowther, MS
- GIS Analyst – Justin Sitton, BS
- Support Staff – Various as needed

## TASKS

This scope of work has been developed based on individual task discussions and requests from the Yolo Subbasin Groundwater Authority for applications of Land IQ's statewide crop mapping database. These tasks include:

- **Task 1** – Water Year 2024 Land Use Mapping

### TASK 1 – WATER YEAR 2024 LAND USE MAPPING

**Scope of Work:** Land IQ will classify all agriculture in the Yolo Subbasin within 97% accuracy with clean topology and multi-cropping attributes. The dataset will include the outer extent of urban areas but will not include rural residential mapping. For permanent crops, excluding grapes, year planted will be included as an attribute.

**Assumptions:** Land IQ provides independent mapping to its clients, which may be similar to but not identical to that of which is mapped for DWR. Mapping products the Yolo Subbasin receives may have slight differences from what is publicly released by DWR due to the typically later timing of their release, and unique mapping characteristics identified by clients.

**Deliverables:** The deliverable for this task will be both tabular and spatial mapping products in geodatabase or shapefile format for the 2024 water year.

**Schedule:** This task can be completed by the end of February 2025.

## LICENSING AND CONFIDENTIALITY

Mapping products will be licensed for use by Yolo Subbasin Groundwater Authority only. A license agreement will be executed by both parties at initial contracting.

## PAYMENT TERMS AND COST ESTIMATE

The total cost to complete the crop specific mapping for the 2024 water year for the Yolo Subbasin is \$8,140.

This work will be provided for cropped agricultural fields and urban areas only and not surrounding native areas. If it is of interest to include waterways, native areas, and other classifications, this would result in additional cost.

All payments shall be made within 30 days of receipt of invoices from Land IQ.



# Yolo Subbasin Groundwater Agency

## Groundwater Sustainability Agency

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34274 State Highway 16 ▪ Woodland, CA 95695 ▪ 530.662.3211 ▪ [www.yologroundwater.org](http://www.yologroundwater.org)

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### STAFF MEMO

**Date:** October 18, 2024  
**To:** YSGA Executive Committee  
**From:** Kristin Sicke, Executive Officer  
**Subject:** **Appointment of Selection Committee for Election of Officers**

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#### **Recommendation:**

The Executive Committee appoint a selection committee for electing officers for the 2025-2026 term.

#### **Background:**

In January 2023, the Executive Committee recommended that the Board elect Yolo County Supervisor Gary Sandy as Board Chair and Yolo County Farm Bureau representative, Lee Smith as Vice Chair and rural representative. Additionally, the Executive Committee recommended appointing the Urban and Agricultural Representatives of the Committee as Kurt Balasek (City of Winters) and David Schaad (Dunnigan Water District), respectively. Carol Scianna was selected as City of Winters alternate representative. At the January 23, 2023 Board meeting, the YSGA Directors approved of the committee's recommendation.

There are currently no terms for officer or committee membership designated in YSGA policies; however, they can be written into future bylaws if desired. By practice, the YSGA Board has typically, re-elected Chair and Vice Chair representatives every two years. Legal Counsel drafted the attached policy and procedure for YSGA officers for the Board's consideration, which has not formally been adopted yet.

A selection committee should be appointed to assist with the 2025-2026 selection of officers.



**Yolo Subbasin Groundwater Agency**  
Policies & Procedures

GENERAL – Section 1000

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**POLICY TITLE: Officers**

**POLICY NUMBER: 1100**

(Adopted \_\_\_\_\_, 2023)

1100.1 **General.** Any officer, agent, or employee of the Yolo Subbasin Groundwater Agency (“Agency”) may also be an officer, agent, or employee of any member of the Agency. The election or appointment by the Agency of such a person shall evidence that the two positions are compatible.

1100.2 **Officers.** The officers of the Agency shall consist of a Chairperson, a Vice Chairperson, a Secretary, and a Treasurer. Officers may delegate certain duties and responsibilities to staff in accordance with the Agreement, these Bylaws, and/or Board resolutions, and in compliance with all applicable laws.

1100.3 **Elections.** The Board of Directors shall, on January and every two years thereafter, elect the officers to serve at the pleasure of the Board. Each elected officer shall assume office at the January Board meeting and hold office for two years, or until his or her successor is elected. The offices of Chairperson and Vice Chairperson shall be held by Directors of the Agency and the positions should consist of one rural and one urban member; the offices of Secretary and Treasurer may be filled by a Director or any other person.

1100.4 **Chairperson.** The duties of the Chairperson shall be to preside at all meetings of the Board, to sign all contracts as authorized by the Board, and to perform such other duties as from time to time may be required by the Board or prescribed by the Agreement or these Bylaws.

1100.5 **Vice Chairperson.** The Vice Chairperson shall fulfill all of the duties of the chairperson in his or her absence.

1100.6 **Secretary.** The Executive Officer of the Agency shall serve as the Secretary of the Board. The Executive Officer shall provide the general management, direction and development of the Agency operations and procedures on a daily basis with responsibility for all facilities, employees, staff, consultants, and equipment, and for their respective uses. The Executive Officer shall report directly to the Board of Directors. The Executive Officer shall have the authority to:

- (a) Prepare and submit recommendations as to the necessary expenditure levels for the operations of the Agency and for the delivery of services;

- (b) Provide technical expertise to the Board in planning and design and construction of any Facilities and Works;
- (c) Expend funds as directed and approved by the Board approved budget;
- (d) Expend funds and enter into all contracts for labor, whenever required, as prescribed by the Board;
- (e) Prepare periodic reports to state, county and local agencies and to the Agency as required or requested by law or the Board;
- (f) Attend meetings of the Board of Directors;
- (g) Establish, coordinate, and supervise all other actions and duties as designated by the Board.

**1100.7 Treasurer.** The Board shall designate a qualified person to act as Treasurer of the Agency. The person holding the position of Treasurer shall have charge of the depositing and custody of all funds held by the Agency. The Treasurer shall perform such other duties as may be imposed by provisions of applicable law, including those duties described in Government Code sections 6505 and 6505.5, and that may be prescribed by the Agreement, these Bylaws, or the Board by resolution.

**1100.8 Executive Committee.** The Board shall designate the Executive Committee members comprised of the Chairperson, Vice Chairperson, one rural member, and one urban member. The Executive Committee members shall serve on the committee for two years, or until his or her successor is elected.



# Yolo County Flood Control & Water Conservation District

Effective Water Resource Management

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## Yolo County Healthy Rivers and Landscapes Initiative

July 2024

### Summary

Yolo County Flood Control and Water Conservation District (District) is proposing a creative plan for supporting salmon recovery and groundwater resiliency as an alternative to the State's proposal to reallocate a substantial portion of Cache Creek water to Delta outflow. The District is engaging growers and rural property owners, tribal leaders and local government partners, environmental and civic organizations to share the proposal, inviting creative suggestions and cooperation to make the project work, and encouraging partners to support the proposal.

### Historical context

The District has not historically been required to release stored water to support outflows for San Francisco Bay-Delta water quality and fisheries.

- In 1995, the State Water Resources Control Board concluded that Cache Creek flows didn't reach the Delta during the months when it was most needed for environmental purposes.
- Cache Creek, an intermittent and warm-water stream with no significant historic salmon population, often terminates into a settling basin designed to catch sediments laden with mercury.
- A flow of 600 cubic feet per second below the Capay Dam would have to be maintained just for water to make it through the west side of the Yolo Bypass, which connects to the Delta.

### The State Water Board's proposed requirement

In September 2023, the staff of the State Water Resources Control Board (State Water Board) proposed that the District be required to release for Delta outflow 55 percent of Cache Creek's "unimpaired flows" (the amount of water that would naturally flow down the creek if Indian Valley and Clear Lake dams had not been constructed).

- The State Water Board for years has been considering the 55 percent unimpaired flow requirement for the major tributaries to the San Francisco Bay-Delta, including

1

the Sacramento, Feather and American rivers. The September 2023 report was the first time the state agency proposed imposing that requirement on the Cache Creek watershed and the District.

The 55 percent unimpaired flow requirement would substantially reduce the amount of water that could be diverted from Clear Lake, Indian Valley Reservoir, and Cache Creek for upstream communities and agricultural production in Yolo County. In wet and above normal years, 10,000 acre-feet of water on average would be reallocated to outflow. In below normal years, 45,000 acre-feet on average would be allocated to outflow. In a typical year, the district diverts about 150,000 acre-feet for small communities, farms and groundwater recharge.

- The reduced diversions from Cache Creek would mean more groundwater pumping in most years, contributing to more dry wells, subsidence and harm to groundwater dependent ecosystems.
- The reduced diversions also would reduce the recharge of groundwater that occurs through the district’s unlined canals, further exacerbating groundwater problems.
- The additional pumping and reducing recharge would increase the potential that groundwater pumping would need to be restricted.
- The additional flow requirements would significantly reduce the ability of Indian Valley Reservoir and the groundwater aquifer to provide water supplies in future droughts, which are expected to be longer and more frequent due to climate change.
- The declining groundwater will impact rural residents, small towns and potentially the conjunctive management of the water systems for Woodland, Davis, and UC Davis.
- Reduced diversions would impact water supplies for the Geysers carbon-free electricity generators, Yocha Dehe Wintun Nation, and disadvantaged communities on Clear Lake.

How much water would be lost?

Applying the 55 percent unimpaired flow requirement to the hydrology of the last 94 years reveals the impact:

- Diversions would have been reduced in 54 years of the 94 years.
- In 22 years, diversions would have been reduced by 50,000 acre-feet or more – more than one-third annual diversions.
- In 14 years, diversions would have been reduced by more than one-half.
- Reduced diversions would occur in several consecutive years.
- Reduced diversions of nearly 140,000 acre-feet per year in three-year period.

While the higher flows would exact an enormous cost, the evidence is scant that the additional outflow will provide meaningful improvement to Delta water quality or aquatic species.

**Sacramento Valley waters leaders have been advancing a better way**

Most of the water districts in the Sacramento Valley have been pursuing an alternative to the State Water Board’s plan – the Healthy Rivers and Landscapes Initiative – that has been supported by Governors Brown and Newsom:

- Each of the major watersheds has agreed to provide more water for instream flows – and restore habitat in and along streams to address the needs of fish that flows alone cannot provide.
- The proposals call for shared governance in which local water agencies will work with tribal leaders, state and federal water and wildlife agencies, and conservation organizations to monitor conditions, agree on habitat and other improvements, and assess progress to support a shared understanding of issues and accelerate learning to accelerate recovery.
- Solano County Water Agency has been a part of the Healthy Rivers and Landscapes Initiative, building upon its work with other local partners to restore salmon in Putah Creek downstream of Monticello Dam and Lake Berryessa.

### **Yolo is proposing a better way to advance three priorities at the same time**

For these reasons, the District has worked with the Solano County Water Agency and California Department of Water Resources and has consulted with the California Department of Fish and Wildlife and UC Davis fishery biologists to develop a proposal that would simultaneously advance three high-level state priorities: **recovery of the salmon species, sustainable management of groundwater, and climate resiliency.**

- To support salmon recovery in Putah Creek, the District would provide up to 5,000 acre-feet of water between November and April when it would most benefit the fish. The water could come from Cache Creek winter diversions, from Cache Creek water stored in the aquifer, and potentially from winter slough drainage stored in the aquifer.
- In turn, the State would issue the District a permanent right to divert water during high winter flows to recharge groundwater for both agricultural and environmental purposes. This additional recharge would help Yolo County mitigate the impact of climate change on the environment, agriculture, small communities, and rural residents.
- The district would spend \$300,000 a year on habitat improvements, which could be integrated into recharge projects.
- The State would provide \$6.725 million for infrastructure improvements that would increase water supply reliability and groundwater recharge, enabling salmon recovery and climate resiliency activities.

### **Next Step #1: State Water Board approval**

The State Water Board needs to approve the Healthy Rivers and Landscapes Initiative, including Cache Creek and the District, as an alternative to the onerous 55 percent unimpaired flows.

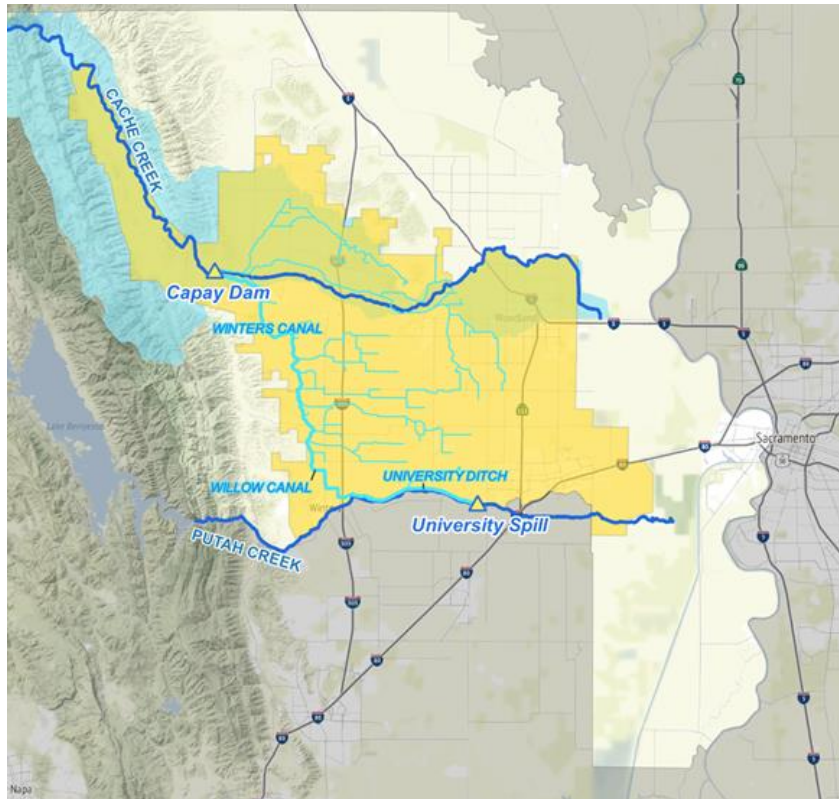
- The State Water Board is planning to release a revised plan that includes the District’s proposal for contribution to Putah Creek salmon as an alternative to the 55 percent unimpaired flow requirement.

- The District encourages all community partners to support the Cache-Putah Resiliency proposal during the public comment period in August and September 2024.

### Next Step #2: Design our future

The Yolo community – growers and rural residents, biologists and environmentalists, local and tribal governments – need to work cooperatively and creatively to develop ways to increase groundwater recharge, provide additional water to Putah Creek, restore habitat and reduce nuisance drainage problems.

- The District anticipates engaging the community on these issues in the coming months.



**YCFC&WCD's Service Area and Canal System:** Capay Diversion Dam diverts flows from Cache Creek and Winters, Willow, and University Canals deliver flows to Putah Creek.

For additional information, please contact Kristin Sicke at [ksicke@ycfcwcd.org](mailto:ksicke@ycfcwcd.org) or 530.662.0265 (ext. 112).

## **Proposal to Update Subbasin Hydrogeologic Conceptual Model and YSGA Groundwater Model to Support SGMA Implementation Using Existing Grant Funds**

### Introduction

The YSGA's current understanding of the groundwater subbasin is informed by well logs, previous studies, and a groundwater model that were published in the 2000's. Since this time, a significant number of new wells have been drilled within the basin and new groundwater level and water quality data has been collected.

In the Hungry Hollow Area, the well log database contained approximately 50 well logs for the Hungry Hollow area. The YSGA has recently found over 250+ new well logs within the Hungry Hollow area from the OSCWR database.

YSGA staff believe collecting additional well logs throughout the Subbasin will address data gaps that are currently noted in the GSP on Hydrogeologic Conceptual Model (HCM) data gaps.

### Anticipated Benefits and Outcome

Using this additional data, we can significantly improve our understanding of the subbasin aquifers in spatial extent, thickness, and three-dimensional geometry. YSGA staff can prepare hydrogeologic cross sections throughout the entire subbasin and prepare maps that would aid the YSGA's consultants in the 5-year GSP update and provide additional data to refine sections of the GSP.

New tools being developed by DWR would also allow YSGA staff to combine the new well log data with the AEM dataset within the subbasin. These tools are anticipated to be available for beta testing by the end of 2025 and be fully available by the end of 2026.

In addition, these hydrogeologic cross sections and maps would provide landowners with a better understanding of the aquifer systems beneath their feet. This data would significantly improve the fidelity of the model to represent real conditions and significantly improve the accuracy of model results and increase the value and utility of the model for use as a scenario-management tool.

### Proposal

The District has hired three interns to assist with YCFC&WCD and YSGA tasks. We estimate completing an update of the well log database may take up to 350 hours over the next year and cost less than \$12,000. When comparing to what a consultant would cost to do the same task, interns and YSGA staff can complete this task at a fraction of the cost saving



the YSGA a minimum of ~\$60,000. This task would be entirely funded by the grant and fits within the grant scope of work already approved by DWR.

YSGA staff propose to utilize two specific consultants, Ken Loy from West Yost and Ken Utley from Luhdorff and Scalmanini, whom have the most extensive knowledge and understanding of the subbasin geology and hydrogeology. Mr. Loy and Mr. Utley (and their supporting staff) would assist with developing and refining YSGA staff's hydrogeologic interpretations during the preparation of the hydrogeologic cross sections, maps, and model update. West Yost and Luhdorff and Scalmanini responded to the YSGA's RFQ that was solicited earlier this year, and it would not be necessary to solicit another RFQ for their assistance on this project.

YSGA staff propose that we use the estimated cost savings of \$60,000 from the work the interns and YSGA staff will complete and allocate that cost to prepare two \$30,000 contracts: one for West Yost and one for Luhdorff and Scalmanini. Both contracts would be funded by the SGMA Implementation Grant.

***YSGA staff are seeking the Executive Committees feedback on this proposal and if it should be brought to the Board for consideration.***