



# Yolo Subbasin Groundwater Agency

## Board of Directors Meeting Agenda

**Monday, November 21, 2022**

**3:15 p.m. to 5:00 p.m.**

**Meeting Location:**

**Yolo County Department of Community Services  
292 West Beamer Street, Woodland, Cache Creek Room**

**-- OR --**

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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 the 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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**3:15 1. CALL TO ORDER AND DETERMINATION OF QUORUM**

**3:20 2. [CONSIDERATION: RE-AUTHORIZE TELECONFERENCE MEETINGS AS A RESULT OF THE COVID-19 EMERGENCY](#), page 3**

**3:23 3. 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.

**3:27 4. 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.

- 3:32 5. **CONSIDERATION: CONSENT ITEMS**, pages 4-20
- a. Approve September 19, 2022 Regular YSGA Board of Directors Meeting Minutes, pages 5-9
  - b. Receive Fiscal Year 2022-2023 Financial Statements: July 1-November 3, 2022, pages 10-16
  - c. Adopt 2023 Board of Directors Meeting Dates, 1/9, 3/20, 6/19, 9/18, and 11/20/2023
  - d. Receive Minutes of Executive Committee Meetings: 9/12 and 10/11/22, pages 17-20
- 3:35 6. **REPORT OF THE CHAIR AND EXECUTIVE OFFICER**, pages 21-32  
Executive Officer report on activities since last Board meeting.
- 3:45 7. **WATER CONDITIONS UPDATE**, Woodland Davis Clean Water Agency
- 3:55 8. **CONSIDERATION: APPROVAL OF YSGA BECOMING A PARTY TO THE WESTSIDE IRWM COORDINATING COMMITTEE MOU**, pages 33-40
- 4:05 9. **CONSIDERATION: ADOPT RESOLUTION NO. 22-04 DIRECTING AND AUTHORIZING THE EXECUTIVE OFFICER TO PREPARE AND SUBMIT A SGMA IMPLEMENTATION GRANT APPLICATION**, pgs. 41-44
- 4:25 10. **UPDATE: GROUNDWATER SUSTAINABILITY PLAN IMPLEMENTATION**, pgs. 45-53
- a. Report of the Fall 2022 Representative Well Standings
  - b. Executive Order N-7-22 Well Permitting Update
  - c. Establishing a Framework for Forming the Management Area Advisory Committees
- 4:55 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.
- 4:58 12. **NEXT MEETING** – January 9, 2023 Meeting
- 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 December 18, 2022 and made available to the public during normal business hours at the following locations: Yolo County Department of Community Services, 292 W. Beamer Street, Woodland 95695 and YSGA's office at 34274 State Highway 16, Woodland 95695.




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Kristin Sicke, Executive Officer

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

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**MEETING DATE:** November 21, 2022

**AGENDA ITEM NO. 2**

**SUBJECT:** Consideration: Re-Authorize Teleconference Meetings as a Result of the COVID-19 Emergency

INITIATED OR  BOARD

INFORMATION

REQUESTED BY:  STAFF

ACTION:  MOTION

OTHER \_\_\_\_\_

RESOLUTION

ATTACHMENT  YES  NO

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**BACKGROUND**

The Yolo County Health Officer has recommended that local government boards, commissions, and councils continue to meet remotely given the continued threat of COVID-19. Assembly Bill 361 passed in September, which allows virtual board meetings to continue until January 1, 2024.

In order to meet remotely, government agencies must make findings every 30 days that the existing state of emergency continues to directly impact the ability of the members to meet in person, or state officials continue to impose or recommend measures to promote social distancing.

**RECOMMENDATION**

Staff recommend that the Board 1) find that, as a result of the COVID-19 emergency, meeting in person would present imminent risks to the health and safety of attendees, and 2) hold meetings by teleconference as authorized by subdivision (e)(1)(C) of Section 54953 of the Government Code.

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

**MEETING DATE:** November 21, 2022

**AGENDA ITEM NO. 5**

**SUBJECT:** Consideration: Consent Items

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

INFORMATION  
 ACTION:  MOTION  
 RESOLUTION

ATTACHMENT  YES     NO

**BACKGROUND**

- a. *Approve the September 19, 2022 Regular YSGA Board of Directors Meeting Minutes*  
Pursuant to Section 54957.5 of the Brown Act, copies of the draft minutes are available to the public at the Board meetings prior to their approval.
- b. *Receive Fiscal Year 2022-2023 Financial Statements: July 1-November 3, 2022*  
Receive financial statements for July 1, 2022 through November 3, 2022.
- c. *Adopt 2023 Board of Directors Meeting Dates: 1/9, 3/20, 6/19, 9/18, and 11/20/2023*
- d. *Receive Minutes of YSGA Executive Committee*  
Receive YSGA Executive Committee meeting minutes for September 12 and October 11, 2022.

**RECOMMENDATION**

- a. Recommend adoption of September 19, 2022 Regular Board meeting minutes with any corrections.
- b. This agenda item is for informational purposes only. No Board action is required.
- c. Adopt 2023 Board of Directors Meeting Dates of January 9, March 20, June 19, September 18, and November 20, 2023.
- d. This agenda item is for informational purposes only. No Board action is required.



# Yolo Subbasin Groundwater Agency

## Board of Directors Meeting Minutes

**Monday, September 19, 2022**

**3:15 p.m. to 5:00 p.m.**

**Woodland Senior and Community Center**  
2001 East Street, Woodland, Banquet Room

- 1. CALL TO ORDER and DETERMINATION OF QUORUM:** Meeting called to order at 3:15 p.m. by Roger Cornwell, 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 West Sacramento: Dawnté Early  
City of Winters: (Kurt Balasek)  
City of Woodland: (Tania Garcia-Cadena)  
Dunnigan Water District: David Schaad, (Bill Vanderwaal)  
Esparto CSD: (Manuel Quintana)  
Reclamation District (RD) 108: (Bill Vanderwaal)  
RD 765: David Dickson  
RD 787: Roger Cornwell  
RD 999: Tom Slater  
Rumsey Water Users Association: Ken Muller  
Yolo County: Gary Sandy  
Yolo County Flood Control and Water Conservation District (YCFC&WCD): Tom Barth,  
(Kristin Sicke)  
UC Davis: (Kelli O'Day)  
Colusa Drain Mutual Water Company (MWC): Lynnel Pollock  
Yolo County Farm Bureau: Stan Lester, (Denise Sagara)  
Environmental Representative: Ann Brice

Absent: City of Davis, RD 150, RD 307, RD 537, RD 730, RD 1600, RD 2035, Yocha Dehe Wintun Nation

- 2. ADDING ITEMS TO THE POSTED AGENDA:** Nothing to add.
- 3. PUBLIC FORUM:** No public comment.
- 4. CONSIDERATION: CONSENT ITEMS**
  - Approve June 20, 2022 Regular YSGA Board of Directors Meeting Minutes
  - Receive Fiscal Year End 2021-2022 Financial Statements
  - Receive Audited Financial Statements as of June 30, 2021, Richardson & Co.
  - Receive Fiscal Year 2022-2023 Financial Statements: July 1-September 9, 2022
  - Receive minutes of Executive Committee: 6/13, 7/25, and 8/16/22

Action: Approve item a) as presented.

Motion: Yolo County (Sandy)

Second: City of Winters (Balasek)

Discussion: No further discussion

Vote: Approved unanimously

## 5. REPORT OF THE CHAIR AND EXECUTIVE OFFICER

Kristin Sicke, YSGA Executive Officer: Kristin provided an overview of her written Executive Officer report included with the agenda package.

## 6. CONSIDERATION: ADOPTION OF RESOLUTION NO. 22-03 APPROVING AND ADOPTING AMENDMENT NO. 1 TO JOINT EXERCISE OF POWERS AGREEMENT ESTABLISHING THE YOLO SUBBASIN GROUNDWATER AGENCY

Kristin Sicke, YSGA Executive Officer: Kristin provided a historical summary of the Water Resources Association of Yolo County (WRA) and the opportunity to increase administrative and managerial inefficiencies by merging the functions and operations of the WRA into the YSGA. Merging the WRA into the YSGA would also facilitate the integration of SGMA-related groundwater management activities with broader water resource planning efforts within Yolo County. Sicke acknowledged prior WRA Directors and staff and appreciated their years of service and commitment to water resources management in Yolo County.

It was recommended that the Board adopt Resolution No. 22-03 to Approve and Adopt Amendment No. 1 to Joint Exercise of Powers Agreement Establishing the Yolo Subbasin Groundwater Agency.

Action: Adopt Resolution No. 22-03 and Amendment No 1. to the JPA Agreement establishing the Yolo Subbasin Groundwater Agency.

Motion: City of Winters (Balasek)

Second: Colusa Drain MWC (Pollock)

Discussion: No further discussion

Vote: Approved unanimously

## 7. CONSIDERATION: GROUNDWATER SUSTAINABILITY PLAN IMPLEMENTATION

Kristin Sicke, YSGA Executive Officer: Kristin presented a request to enter into a services agreement with SEI Consultants to initiate the 2023 Annual Report process and update the groundwater model with current land use and water supply data. Sicke requested authorization to expend up to \$37,000 in consultant services within the FY 22/23 Operating Budget of \$50,000 (as adopted at the June 2022 Board meeting).

- a. Authorize Executive Officer to Enter into Services Agreement with SEI Consultants

Action: Approve item 7a as presented.

Motion: Yolo County (Sandy)

Second: RD 108 (Vanderwaal)

Discussion: Director Pollock inquired about the “Update Colusa Basin Drain south surface water supply” task. The details of this task are provided in the Model Documentation appendix to the GSP.

Vote: Approved unanimously

Kristin reported on activities that took place at the YSGA's Working Group meetings in August 2022 to solicit and prioritize projects for requesting grant funding. The draft project prioritization criteria were presented for the Board's review and approval.

Director Schaad requested adding "2022" to the Project Prioritization Criteria and Project Solicitation process so that it was clear this would be updated in subsequent years. Sicke appreciated the request as the project solicitation and prioritization documentation are meant to be living documents that will improve over time.

b. Approve GSP Project Prioritization Criteria

Action: Approve item 7b as presented.

Motion: City of Winters (Balasek)

Second: Environmental Representative (Brice)

Discussion: Director Schaad requested that the prioritization criteria be titled with the year 2022 to make it clear that they can be revised moving forward. This change will be made to the final criteria.

Vote: Approved unanimously

Kristin requested the Board officially convert the Working Group into an Ad Hoc Working Group Committee to reduce any confusion with Board of Directors meetings, and to not violate the Brown Act. The Ad Hoc Working Group Committee members proposed for consideration and approval consisted of representatives from City of Davis, City of Woodland, City of Winters, Dunnigan Water District, Environmental Representative – Ann Brice, Rumsey Water Users Association, Reclamation District 108, Reclamation District 787, University of California, Davis, Yocha Dehe Wintun Nation, Yolo County, Yolo County Farm Bureau, and Yolo County Flood Control & Water Conservation District.

c. Formation of the Ad Hoc Working Group Committee

Action: Approve item 7c as presented.

Motion: City of West Sacramento (Early)

Second: County of Yolo (Sandy)

Discussion: No further discussion

Vote: Approved unanimously

**8. MEMBERS' REPORTS AND FUTURE AGENDA ITEMS:** Nothing to report.

**9. NEXT MEETING** –\*potential Special meeting in October and Regular November 21, 2022 Meeting

**10. ADJOURNMENT** – Chair Cornwell adjourned the meeting at 4:30 p.m.

Respectfully submitted,



Kristin Sicke, Executive Officer

ROLL CALL YSGA Board of Directors									
									9/19/2022
	Agency	Name	Board/ Alternate	ATTENDANCE	VOTE - ITEM 4	VOTE - ITEM 6	VOTE - ITEM 7A	VOTE - ITEM 7B	VOTE - ITEM 7C
1	City of Davis	Josh Chapman	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
		Will Arnold	Alternate						
2	City of West Sacramento	Dawnté Early	<b>Board</b>	Absent	Absent	Aye	Aye	Aye	Aye
		Chris Ledesma	Alternate						
3	City of Winters	Jesse Loren	<b>Board</b>						
		Kurt Balasek	Alternate	X	Aye	Aye	Aye	Aye	Aye
		Wade Cowan	Alternate						
4	City of Woodland	Mayra Vega	<b>Board</b>						
		Tania Garcia-Cadena	Alternate	X	Abstain	Aye	Aye	Aye	Aye
5	Dunnigan Water District	David Schaad	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Bill Vanderwaal	Alternate	X					
6	Esparto CSD	Charles Schaupp	<b>Board</b>						
		Manuel Quintana	Alternate	X	Abstain	Aye	Aye	Aye	Aye
7	Madison CSD	Leo Refsland	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
8	RD 108	Hilary Reinhard	<b>Board</b>						
		Bill Vanderwaal	<b>Alternate</b>	X	Aye	Aye	Aye	Aye	Aye
9	RD 150	Warren Bogle	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
10	RD 307	James Johas	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
		Karen Chesnut	Alternate						
11	RD 537	Tom Ramos	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
12	RD 730	Jim Heidrick	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
13	RD 765	David Dickson, Jr.	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Doug Dickson, Sr.	Alternate						
14	RD 787	Roger Cornwell	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Dominic Bruno	Alternate						
15	RD 999	Tom Slater	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
16	RD 1600	Michele Clark	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
17	RD 2035	Kryiakos Tsakopoulos	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
		Mike Hall	Alternate						
18	Rumsey Water Users Association	Ken Muller	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
19	Yocha Dehe Wintun Nation	Marc Fawns	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
		Jim Etters	Alternate						
20	Yolo County	Gary Sandy	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Jim Provenza	Alternate						
21	YCFC&WCD	Tom Barth	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Kristin Sicke	Alternate	X					
22	UC Davis	Camille Kirk	<b>Board</b>						
		Kelli O'Day	Alternate	X	Abstain	Aye	Aye	Aye	Aye
23	Cal Am Water -Dunnigan	Evan Jacobs	<b>Board</b>	Absent	Absent	Absent	Absent	Absent	Absent
		Audie Foster	Alternate						
24	Colusa Drain MWC	Lynnel Pollock	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Jim Wallace	Alternate						
25	Yolo County Farm Bureau	Stan Lester	<b>Board</b>	X	Aye	Aye	Aye	Aye	Aye
		Denise Sagara	Alternate	X					
26	Environmental Rep.	Ann Brice	<b>Board</b>	X	Absent	Absent	Aye	Aye	Aye



Agency	Name	Attendance
<b><i>OTHER YSGA STAFF:</i></b>		
Executive Officer	Kristin Sicke	X
Legal Counsel, Downey Brand	Kevin O'Brien	
YSGA Water Resources Tech.	Sarah Leicht	X
GEI Consultants	Larry Rodriguez	
	Taryn Ravazzini	
<b><i>PUBLIC AND AGENCY STAFF:</i></b>		
	Lee Smith	X
	Grant Davids	X
	Jim Mayer	X
CA DWR	Nicholas Vadpey	X
	Nick Edsall	X
	Jeff Quiter	X
	Geoff Klein	X
	Tom Stallard	X

**Yolo Subbasin Groundwater Agency**  
**A/P Aging Summary**  
As of November 3, 2022

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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>
TOTAL	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>	<u>0.00</u>

## Yolo Subbasin Groundwater Agency

**Balance Sheet**

As of November 3, 2022

	<u>Nov 3, 22</u>
<b>ASSETS</b>	
<b>Current Assets</b>	
<b>Checking/Savings</b>	
1000 · 1st Northern-Checking	11,523.18
1010 · 1st Northern-Savings	5,663.85
1020 · Yolo County Treasury	1,154,649.59
1025 · County Treasury FMV	3,968.00
<b>Total Checking/Savings</b>	<u>1,175,804.62</u>
<b>Accounts Receivable</b>	
1100 · Accounts Receivable	13,632.00
<b>Total Accounts Receivable</b>	<u>13,632.00</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>1,189,928.87</u>
<b>TOTAL ASSETS</b>	<u><b>1,189,928.87</b></u>
<b>LIABILITIES &amp; EQUITY</b>	
<b>Equity</b>	
3000 · Unassigned Fund Balance	-24,000.00
3010 · Nonspendable Fund Balance	492.00
3300 · Assigned Fund Balance	24,000.00
3200 · Retained Earnings	823,253.55
Net Income	366,183.32
<b>Total Equity</b>	<u>1,189,928.87</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<u><b>1,189,928.87</b></u>

## Yolo Subbasin Groundwater Agency

## Budget vs Actual

July 1 through November 3, 2022

	Jul 1 - Nov 3, 22	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	225,749.00	237,842.00	94.9%
4200 · Member Contributions-Affiliates	60,170.00	65,170.00	92.3%
4300 · Direct Contribution-White Areas	0.00	20,000.00	0.0%
4700 · Well Permitting Regulatory Fees	11,763.00	24,000.00	49.0%
4900 · Interest Income	0.50	5,000.00	0.0%
<b>Total Income</b>	<b>457,682.50</b>	<b>512,012.00</b>	<b>89.4%</b>
<b>Expense</b>			
5100 · Bank & Other Fees	0.00	500.00	0.0%
5300 · Insurance-General & Auto	2,081.50	2,000.00	104.1%
5500 · Membership Dues	0.00	3,000.00	0.0%
7000 · Admin. Expenses	747.13	5,000.00	14.9%
7100 · Project Mgmt-SGMA Implementatio	45,325.14	251,000.00	18.1%
7125 · Buckeye Creek Recharge Project	137.38	9,000.00	1.5%
7200 · Consultant Services	29,328.31	200,000.00	14.7%
7300 · Legal Services	7,437.00	20,000.00	37.2%
7350 · Audit Services - Financial	0.00	8,500.00	0.0%
7400 · GSP - Related Consultant Costs	0.00	50,000.00	0.0%
7600 · YC Groundwater Monitor Program	6,167.97	90,000.00	6.9%
7700 · GSP Verif in Well Permit Review	274.75	24,000.00	1.1%
<b>Total Expense</b>	<b>91,499.18</b>	<b>663,000.00</b>	<b>13.8%</b>
<b>Net Ordinary Income</b>	<b>366,183.32</b>	<b>-150,988.00</b>	<b>-242.5%</b>
<b>Net Income</b>	<b>366,183.32</b>	<b>-150,988.00</b>	<b>-242.5%</b>

**Yolo Subbasin Groundwater Agency**  
**Open Invoices**  
As of November 3, 2022

Type	Date	Num	P. O. #	Name	Terms	Due Date	Aging	Open Balance
<b>Reclamation District 1600</b>								
Invoice	07/07/2022	2022-47		Reclamation District 1600	Net 30	08/06/2022	89	3,462.00
Total Reclamation District 1600								3,462.00
<b>Rumsey Water Users Association</b>								
Invoice	07/07/2022	2022-49		Rumsey Water Users Association	Net 30	08/06/2022	89	170.00
Total Rumsey Water Users Association								170.00
<b>Yolo County Farm Bureau</b>								
Invoice	07/07/2022	2022-56		Yolo County Farm Bureau	Net 30	08/06/2022	89	10,000.00
Total Yolo County Farm Bureau								10,000.00
<b>TOTAL</b>								<b>13,632.00</b>

**Yolo Subbasin Groundwater Agency**  
**Profit & Loss**  
**July 1 through November 3, 2022**

	Jul 22	Aug 22	Sep 22	Oct 22	Nov 1 - 3, 22	TOTAL
<b>Ordinary Income/Expense</b>						
<b>Income</b>						
<b>4000 · Member Contributions-Municipal</b>	160,000.00	0.00	0.00	0.00	0.00	160,000.00
<b>4100 · Member Contributions-Rural</b>	225,749.00	0.00	0.00	0.00	0.00	225,749.00
<b>4200 · Member Contributions-Affiliates</b>	60,170.00	0.00	0.00	0.00	0.00	60,170.00
<b>4700 · Well Permitting Regulatory Fees</b>	700.00	9,713.00	850.00	500.00	0.00	11,763.00
<b>4900 · Interest Income</b>	0.00	0.00	0.50	0.00	0.00	0.50
<b>Total Income</b>	446,619.00	9,713.00	850.50	500.00	0.00	457,682.50
<b>Expense</b>						
<b>5300 · Insurance-General &amp; Auto</b>	604.75	0.00	0.00	1,476.75	0.00	2,081.50
<b>7000 · Admin. Expenses</b>	14.69	0.00	677.78	54.66	0.00	747.13
<b>7100 · Project Mgmt-SGMA Implementatio</b>	0.00	0.00	45,325.14	0.00	0.00	45,325.14
<b>7125 · Buckeye Creek Recharge Project</b>	0.00	0.00	137.38	0.00	0.00	137.38
<b>7200 · Consultant Services</b>	5,877.50	14,298.00	1,137.50	8,015.31	0.00	29,328.31
<b>7300 · Legal Services</b>	0.00	886.00	3,208.50	3,342.50	0.00	7,437.00
<b>7600 · YC Groundwater Monitor Program</b>	0.00	0.00	6,167.97	0.00	0.00	6,167.97
<b>7700 · GSP Verif in Well Permit Review</b>	0.00	0.00	274.75	0.00	0.00	274.75
<b>Total Expense</b>	6,496.94	15,184.00	56,929.02	12,889.22	0.00	91,499.18
<b>Net Ordinary Income</b>	440,122.06	-5,471.00	-56,078.52	-12,389.22	0.00	366,183.32
<b>Net Income</b>	<b>440,122.06</b>	<b>-5,471.00</b>	<b>-56,078.52</b>	<b>-12,389.22</b>	<b>0.00</b>	<b>366,183.32</b>

**Yolo Subbasin Groundwater Agency**  
**Statement of Cash Flows**  
 July 1 through November 3, 2022

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	Jul 1 - Nov 3, 22
<b>OPERATING ACTIVITIES</b>	
Net Income	366,183.32
Adjustments to reconcile Net Income to net cash provided by operations:	
1100 · Accounts Receivable	-12,932.00
2000 · Accounts Payable	-90,677.32
	262,574.00
Net cash provided by Operating Activities	262,574.00
Net cash increase for period	262,574.00
Cash at beginning of period	913,230.62
Cash at end of period	1,175,804.62

**Yolo Subbasin Groundwater Agency  
Transaction List by Date  
October 7 through November 3, 2022**

Type	Date	Num	Name	Memo	Account	Clr	Split	Amount
<b>Oct 7 - Nov 3, 22</b>								
Bill	10/07/2022		ACWA/JPIA	FY2022-23 policy: period 10/1/22 to 10/1/23 Auto & General Liability	2000 · Accounts Payable		-SPLIT-	-1,969.00
Bill	10/07/2022	1826	Consero Solutions	September Invoices	2000 · Accounts Payable		7200 · Consultant Services	-7,207.50
Deposit	10/14/2022			Deposit	1020 · Yolo County Treasury	X	4700 · Well Permitting Regulatory Fees	150.00
Bill	10/17/2022	578523	Downey Brand LLP	Servces through September 30, 2022	2000 · Accounts Payable		7300 · Legal Services	-3,342.50
Bill Pmt -Check	10/26/2022	246	Downey Brand LLP	Servces through August 31, 2022	1000 · 1st Northern-Checking		2000 · Accounts Payable	-3,208.50
Bill Pmt -Check	10/26/2022	247	LedgerPro Bookkeeping	September Bookkeeping Services	1000 · 1st Northern-Checking		2000 · Accounts Payable	-337.50
Bill Pmt -Check	10/26/2022	248	Taryn Ravazzini	September Services	1000 · 1st Northern-Checking		2000 · Accounts Payable	-1,137.50
Bill Pmt -Check	10/26/2022	249	Yolo County Flood Control & WCD		1000 · 1st Northern-Checking		2000 · Accounts Payable	-52,618.90
Deposit	10/26/2022			Deposit	1020 · Yolo County Treasury	X	4700 · Well Permitting Regulatory Fees	350.00
Bill	10/26/2022	1093606	CA State University, Sacramento	Services for May 2022	2000 · Accounts Payable		7200 · Consultant Services	-282.81
Bill	10/31/2022	YSGA Expenses	Yolo County Flood Control & WCD	Copies 08/01 to 10/31 & Postage 10/6 to 10/31	2000 · Accounts Payable		7000 · Admin. Expenses	-18.78
Bill	10/31/2022	2603	LedgerPro Bookkeeping	October Bookkeeping Services	2000 · Accounts Payable		7200 · Consultant Services	-187.50
General Journal	11/03/2022	CJD aje-276	LedgerPro Bookkeeping	To restore and reissue Check number 203-lost in mail	1000 · 1st Northern-Checking		7200 · Consultant Services	210.00
Check	11/03/2022	250	LedgerPro Bookkeeping	To replace check 203 lost in mail	1000 · 1st Northern-Checking		7200 · Consultant Services	-210.00
Transfer	11/03/2022			Funds Transfer	1020 · Yolo County Treasury		1000 · 1st Northern-Checking	-25,000.00
Bill Pmt -Check	11/03/2022	251	ACWA/JPIA	FY2022-23 policy: period 10/1/22 to 10/1/23 Auto & General Liability	1000 · 1st Northern-Checking		2000 · Accounts Payable	-1,969.00
Bill Pmt -Check	11/03/2022	252	CA State University, Sacramento	Services for May 2022	1000 · 1st Northern-Checking		2000 · Accounts Payable	-282.81
Bill Pmt -Check	11/03/2022	253	Consero Solutions	September Invoices	1000 · 1st Northern-Checking		2000 · Accounts Payable	-7,207.50
Bill Pmt -Check	11/03/2022	254	Downey Brand LLP	Servces through September 30, 2022	1000 · 1st Northern-Checking		2000 · Accounts Payable	-3,342.50
Bill Pmt -Check	11/03/2022	255	LedgerPro Bookkeeping	October Bookkeeping Services	1000 · 1st Northern-Checking		2000 · Accounts Payable	-187.50
Bill Pmt -Check	11/03/2022	256	Yolo County Flood Control & WCD	Copies 08/01 to 10/31 & Postage 10/6 to 10/31	1000 · 1st Northern-Checking		2000 · Accounts Payable	-18.78
<b>Oct 7 - Nov 3, 22</b>								



**Yolo Subbasin Groundwater Agency**  
**MINUTES of Executive Committee (EC) Meeting**  
**September 12, 2022, 12:15 p.m. – 1:00 p.m.**  
**Hosted virtually via GoToMeeting**

**Present:** Kristin Sicke, Roger Cornwell, Kurt Balasek, Sarah Leicht, Elisa Sabatini

**Absent:** Lynnel Pollock, Jesse Loren

1. **Call to Order:** Meeting was called to order by Roger Cornwell, Chair at 12:20 pm.

2. **Adding Items to the Posted Agenda:** Nothing to add.

3. **Public Comment:** No comments.

4. **Administrative Items (Sicke):**

- a) August 16, 2022 meeting minutes were approved.
- b) Reviewed financials: FY2021-22: 8/9– 9/9/22: Financials were provided with the agenda packet.
- c) Payments to approve: Payments were approved as presented.

Kurt Balasek moved to approve administrative items a) and c), which was seconded by Kristin Sicke and approved unanimously.

5. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)

- a) Water Conditions Update – Real-time Wells: Water levels are approximately 6 feet below last year and 7.5 feet below 2015. Water levels are beginning to show recovery from harvest.
- b) Management Area Public Advisory Committee Proposal: Kristin is still working on identifying the members of each Committee. This was originally planned to be presented at the September Board meeting but is now planned for November.
- c) Ad Hoc Committees: Two Ad Hoc Committee meetings were held last month. The Ad Hoc Drought Contingency Planning Committee met to review drought management strategies. The Ad Hoc Funding Committee met to hear a presentation from Chris Lee about Solano Subbasin’s funding strategy.
- d) GSP Implementation: Project Development and Implementation
  - Prioritization and Funding Strategies (Working Group Meetings on 8/3 and 8/31): 14 projects have been submitted for prioritization by the YSGA and potential submission to the SGMA implementation grant.

6. **September 19, 2022 Board of Directors Agenda Items**

- a) Consent Items:
  - i. Financials
  - ii. Minutes
  - iii. FY 20/21 Audit Report
- b) YSGA Incorporation of WRA (WRA Merger into YSGA) – Consider and Approve Resolution and JPA Amendment as formally recommended by the WRA Executive Committee
- c) Consider and Approve Formation of Ad Hoc Working Group Committee
- d) SGMA Implementation Presentation – Approval of Project Prioritization Criteria
- e) Schedule Special Board of Directors Meeting in October (week of 10/24) – Approval of Prioritized Projects and Decision to Submit Grant Application

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

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
September 12, 2022, 12:15 p.m. – 1:00 p.m.  
Hosted virtually via GoToMeeting

8. **Next Executive Committee Meeting Date:** October 11, 2022, at YCFCWCD Headquarters

9. **Adjourned** at 12:42 pm.

Respectfully submitted,



Kristin Sicke  
Executive Officer

**Yolo Subbasin Groundwater Agency**  
**MINUTES of Executive Committee (EC) Meeting**  
**October 11, 2022, 12:00 p.m. – 1:00 p.m.**  
**Hosted at 34274 State Highway 16, Woodland**

**Present:** Kristin Sicke, Roger Cornwell, Sarah Leicht, Elisa Sabatini (by phone), Lynnel Pollock, Jesse Loren

**Absent:** Kurt Balasek

1. **Call to Order:** Meeting was called to order by Roger Cornwell, Chair at 12:04 pm.

2. **Adding Items to the Posted Agenda:** Nothing to add.

3. **Public Comment:** No comments.

4. **Administrative Items (Sicke):**

- a) *September 12, 2022 meeting minutes* were approved.
- b) *Reviewed financials: FY2021-22: 9/9– 10/7/22:* Financials were provided with the agenda packet. Kristin provided the following corrections: Charges under code 7000 should be under code 7100, and charges under code 7600 should be under 7500.
- c) *Payments to approve:* Payments were approved as presented.

Jesse Loren moved to approve administrative items a) and c), which was seconded by Lynnel Pollock and approved unanimously. Pollock abstained from voting to approve item a).

5. **Update on Merger of WRA and YSGA:** At the September Board of Directors meetings, the WRA voted to dissolve and the YSGA voted to revise the MOU to take on the responsibilities of IRWM. The next steps are to sign the formal resolutions and to file documents with the Secretary of State's office. In November, an MOU to enter into the IRWM agreement will be brought to the YSGA Board of Directors for approval.

6. **Update on YSGA GSP Implementation Actions:** Discussion Item (Sicke)

- a) *Water Conditions Update:* Water levels are recovering slightly after the low point in early September.
- b) *Management Area Public Advisory Committee Proposal:* Representatives will be designated by the member entities. Kristin will present the committee membership for approval at the November Board meeting
- c) *Ad Hoc Committees:* Kristin, Elisa, and Sarah met with Solano GSA to learn more about their Prop 218 process. The Ad Hoc Working Group Committee will meet this Thursday to discuss project prioritization and prepare for the SGMA implementation grant.
- d) *DWR's SGMA Implementation Grant Solicitation and Project Prioritization Process.* Thursday's meeting will focus on reviewing the prioritized projects and preparing for the SGMA Implementation grant. A Special Board meeting in late October will pass a resolution authorizing submittal of the projects to the SGMA grant. The grant closes on November 30.

7. **Other Updates & Future Executive Committee Agenda Items:** YCFCWCD, RD 108, and the Fire Districts are all planning a special assessment on next year's tax roll. The Committee will continue tracking the progress of these assessments.

8. **Next Executive Committee Meeting Date:** November 9, 2022, at YCFCWCD Headquarters

9. **Adjourned** at 12:42 pm.

Yolo Subbasin Groundwater Agency  
MINUTES of Executive Committee (EC) Meeting  
October 11, 2022, 12:00 p.m. – 1:00 p.m.  
Hosted at 34274 State Highway 16, Woodland

Respectfully submitted,



Kristin Sicke  
Executive Officer

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

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**MEETING DATE:** November 21, 2022

**AGENDA ITEM NO. 6**

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

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

INFORMATION  
 ACTION:  MOTION  
                   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:** November 18, 2022  
**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 September 19, 2022 meeting of the YSGA Board of Directors the following activities have taken place.

### **Program Administration**

Two meetings were held by the YSGA Executive Committee (EC) on October 11 and November 19, 2022. The EC, consisting of Chair Cornwell, Vice-Chair Loren, Lynnel Pollock, Kurt Balasek, and Executive Officer Kristin Sicke, discussed logistical issues related to YSGA administration and the implementation of the Groundwater Sustainability Plan (GSP). The next meeting of the YSGA EC is scheduled for December 14, 2022 from 12 to 1 p.m. at the YCFC&WCD offices. The YSGA EC members discussed the process for forming the Management Area Advisory Committees, and the remaining steps in dissolving the WRA and transferring IRWM responsibilities to the YSGA. Advantages of merging the entities include streamlining administration, providing a single forum for concerned stakeholders, and managing surface and groundwater as an interconnected system.

The YSGA *Ad Hoc Working Group Committee* met on October 13, 2022 to review the draft results of the 2022 Project Prioritization Ranking for preparing the application process of DWR's SGMA Implementation funding opportunity.

YSGA staff requested a proposal from Ludhorff & Scalmanini to initiate the process of an investigative fee study to determine the most viable long-term funding mechanism for the YSGA. Staff plan to review the proposal for preparing a technical memorandum with the Executive Committee in December.

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.

The Yolo Groundwater website <http://yologroundwater.org> was updated as needed. A calendar of current events is posted to the website. The final adopted Yolo Subbasin GSP that was submitted to DWR by January 28, 2022 is available on the website at: <https://www.yologroundwater.org/yolo-groundwater-sustainability-plan>.

Along with the Board-approved first Yolo Subbasin GSP Annual Report (2022 Annual Report for Water Years 2019-2021).

### **Program Implementation**

- GSP Public Outreach
  - Hosted domestic well workshop in the Hungry Hollow area on October 26, 2022 to discuss well protection measures
  - Hosted meeting with landowners in Yolo-Zamora area on November 9, 2022 to discuss China Slough Rehabilitation Project
  - Ongoing correspondence with concerned stakeholders, well drillers, and well applicants to answer questions about SGMA and the revised well permitting process.
- Projects and Management Actions
  - Coordinated with Yolo County in the well permitting process in accordance with Executive Order N-7-22
  - Continued implementation of citizen science program for individual well monitoring
  - Prepared work plans, budgets, and scheduled for prioritized projects in preparation for [DWR's SGMA Implementation Grant Funding solicitation. Developed Project Information Form, solicited projects from stakeholders, and developed criteria for project prioritization.](#)
- Data Management/Website Updates
  - Worked with DWR to assign state well numbers to new monitoring wells
  - Added additional information to [Drought Resources](#) page
  - Submitted database improvement project for consideration in project prioritization process
- Monitoring Network
  - Provided water level readings in coordination with Yolo County OES for individuals expressing concern over declining groundwater levels and individuals with dry wells
  - Addressed portions of the monitoring network improvement plan
  - Received approved well permits and reviewed pending well permits from Yolo County's Environmental Health Division
  - Continued adding wells to monitoring network in data gap areas (can be viewed at <https://sgma.yologroundwater.org/>)
    - SWN 09N01E04Q500M (real-time)
    - SWN 11N01W18H501M (continuous)
    - SWN 08N01E11L500M (spring/fall)
    - SWN 10N01E11K500M (spring/fall)
    - SWN 10N01W12R500M (spring/fall)
  - Working to install real-time units and/or continuous dataloggers at additional sites
- Areas of Special Concern
  - Continued adding monitoring wells in these areas (see above)
  - Facilitated stakeholder meetings for Hungry Hollow Area and Yolo-Zamora area
  - Assisted with project development for project information forms related to areas of special concern projects
- Drought Response
  - Worked with Yolo County OES to verify reports of dry wells and coordinated water delivery
  - Prepared for and participated in YSGA's Ad Hoc Drought Task Force
  - Reviewed OES reports of dry wells and County's Environmental Health new permits for information on dry well replacements

## **Program Outreach**

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

1. Participated in coordination meeting with Solano GSA to discuss Proposition 218 funding process (September 21; Sicke, Sabatini, and Leicht)
2. Hosted Ad Hoc Drought Task Force meetings (October 6, November 1; Sabatini, Sicke, and Leicht)
3. Participated in Westside IRWM Coordinating Committee Meetings (September 29, November 9; Sabatini and Leicht)
4. Participated in Dunnigan Area Recharge Project Progress Meeting (October 14; Director Vanderwaal, Leicht)
5. Hosted WRA/YSGA Executive Committee Meetings (October 11 and November 9; Directors Cornwell, Loren, Balasek, Pollock, and Sicke, Leicht, and Sabatini)
6. Hosted YSGA Ad Hoc Working Group Meeting to discuss project solicitation and prioritization (October 13; Working Group Members)
7. Coordination Meeting with Yolo County and YSGA legal counsel and staff about implementation of Governor's Executive Order N-7-2022 (November 2; Sabatini and Sicke)
8. Participated in Inter-subbasin EDF Accounting Platform Pilot Coordination Meetings (October 10; Sicke and Leicht)
9. Participated in DWR's Workshop for SGMA Implementation Round 2 Funding (October 20; Leicht)
10. Presented at Hungry Hollow neighborhood meeting to discuss domestic well protection (October 26; Sicke and Leicht)
11. Participated in Coordination Meetings with Yolo County staff to discuss Dry Well Response (September 22, September 23, October 27; Sicke, Sabatini, Leicht)
12. Participated in Meetings with EDF, Water Data Consortium, and SEI to discuss Yolo Groundwater Modeling (October 28, November 17; Sicke and Leicht)
13. Participated in Meeting with DWR SGMA Office to discuss Yolo Subbasin's application for SGMA Implementation funding (November 4; Sicke and Leicht)
14. Hosted Coordination and Outreach Meeting to discuss Rehabilitation of China Slough (November 8; Directors Barth and Lee, Sicke, and Leicht)
15. Participated in Fall 2022 Groundwater Sustainability Forum (November 9; Sicke)

## **Other Items of Note**

The State Water Board provided notice that all curtailments under the August 20, 2021 curtailment orders issued pursuant to the Sacramento-San Joaquin Delta (Delta) Watershed Emergency Reporting and Curtailment Regulation<sup>1</sup> are curtailed effective June 8, 2022 (see the June 7, 2022 update [here](#)). The State Water Board's Delta Drought webpage can be accessed at the following link: [www.waterboards.ca.gov/drought/delta/](http://www.waterboards.ca.gov/drought/delta/).

On [March 18, 2022, DWR announced it must reduce the State Water Project allocations to 5 percent of requested supplies for 2022](#). The lack of rainfall and forecasted storm events has resulted in DWR downgrading the previously set allocation of 15 percent. DWR is prioritizing any unmet critical health and safety needs of the 29 water agencies that contract to receive State Water Project supplies.

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<sup>1</sup> Except eight post-1914 appropriative water rights associated with the Central Valley Project and State Water project in the San Joaquin River watershed and in the Legal Delta



On March 28, 2022, Governor Newsom issued [Executive Order N-7-22](#) asking Californians to limit summertime water use and directing the State Water Resources Control Board to adopt emergency regulations for urban water suppliers. The Order also included provisions to create a multi-year water transfer pilot project, ensure vulnerable communities have drinking water, advance groundwater recharge projects, protect vulnerable fish and wildlife, prevent illegal water diversions, and identify new proposals to support investments in the short- and long-term drought resilience. Of direct significance to the YSGA are the items for safeguarding groundwater supplies (paragraphs 9-13), which include activities related to 1) well permitting coordination; 2) expedited regulatory processes for ensuring groundwater sustainability for household, small community, or public supply wells; 3) groundwater recharge project collaboration; and 4) streamlined state permitting for groundwater recharge project implementation.

On August 11, 2022, Governor Newsom announced [California's Water Supply Strategy](#), which outlines actions needed to invest in new sources and to transform water management.

[Assembly Bill 2201](#) (related to groundwater extraction permit oversight) failed to advance, never receiving a final vote in the assembly. For an update on other water-related bills click [here](#).

Colusa County completed a drought documentary, which can be viewed at the following link: <https://www.youtube.com/watch?v=LE4naAbNQUC>.

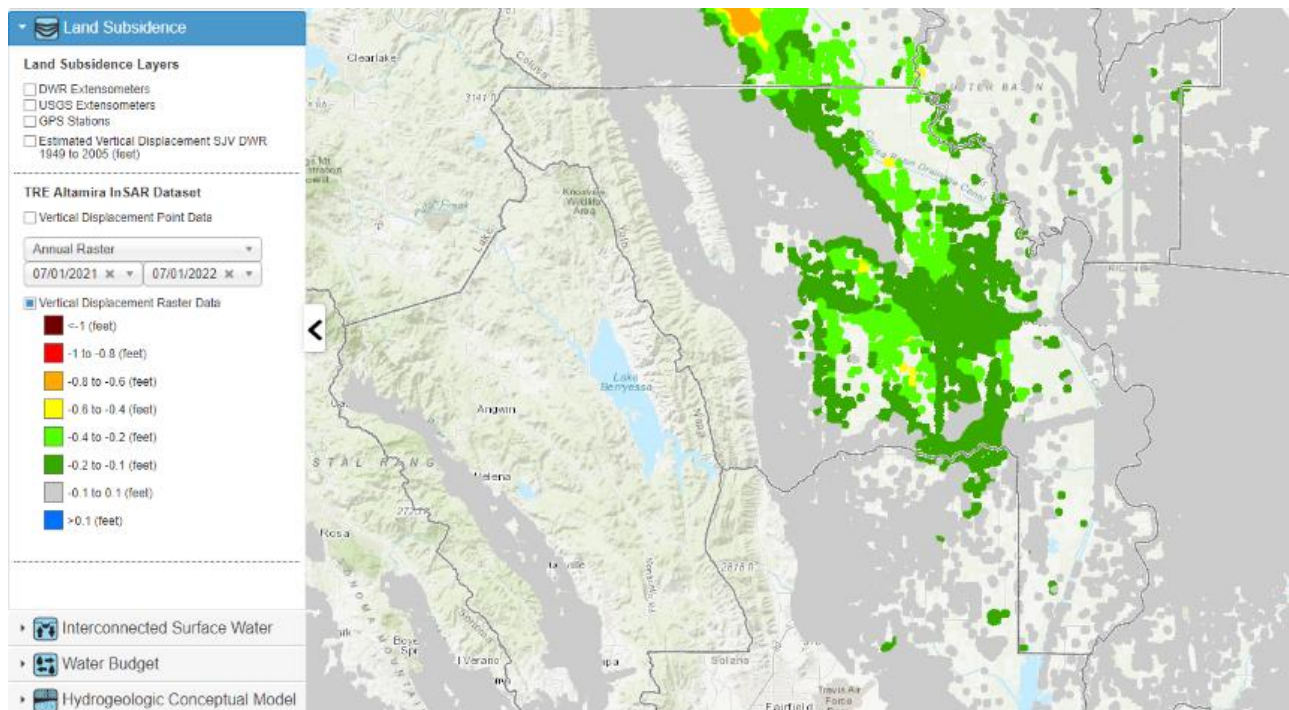
## Current Groundwater Conditions

When compared to last year's elevations (as shown on the historical depth to water table below), this year's water levels are on average 10 feet lower (as seen in the real-time groundwater well hydrograph and the bi-annual groundwater well hydrograph). When compared to the most recent drought period (2015 elevations), this year's groundwater levels are on average 5 feet lower.

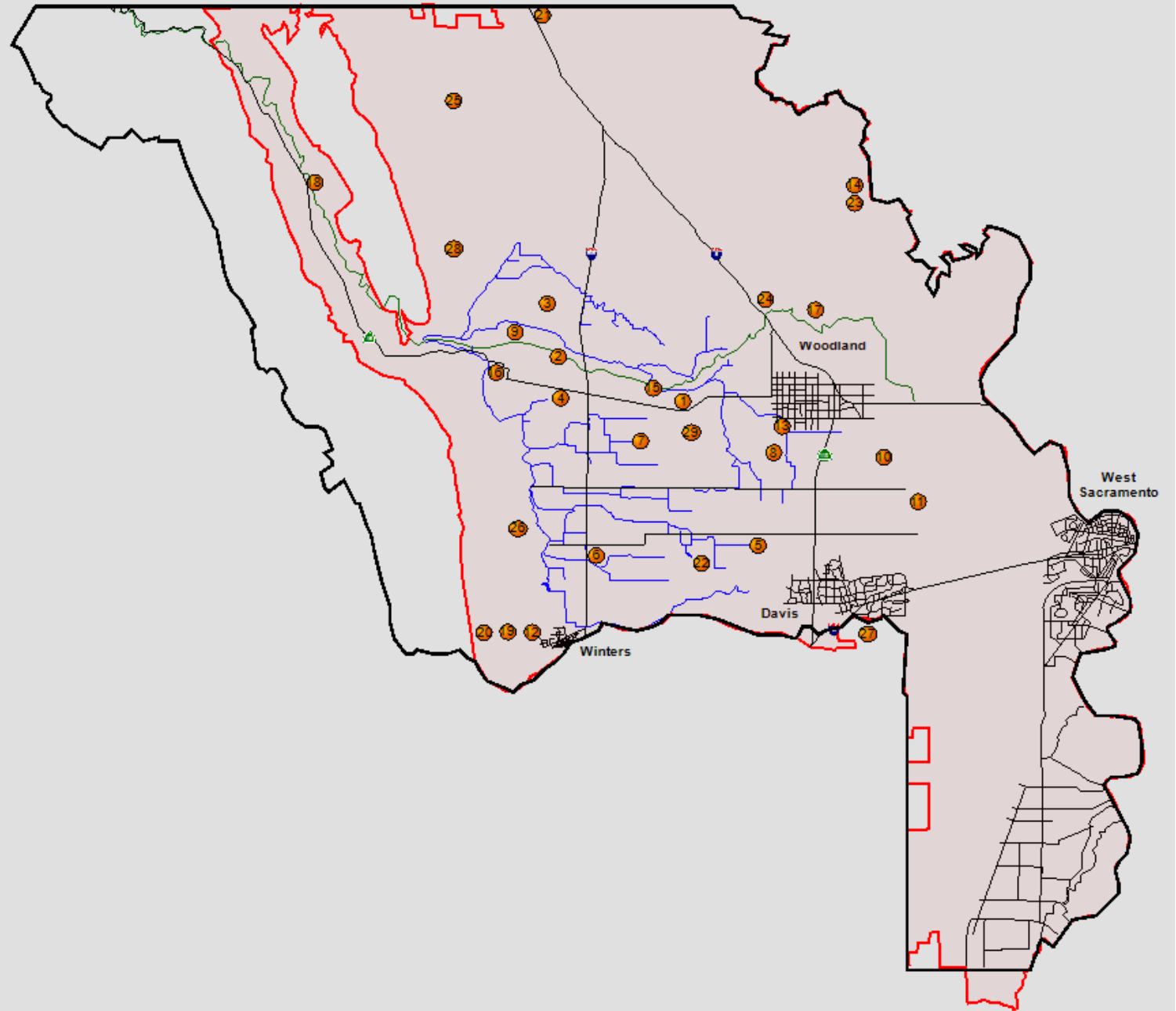
Included below are the following graphics that illustrate the current groundwater conditions and monitoring efforts.

1. A location map of the 28 real-time monitoring locations currently operating in the Yolo Subbasin (Well 20 is no longer in commission and we are working on a replacement; and Wells 25-29 are new real-time wells which corresponding hydrographs will be incorporated into future reports).
2. A table showing historical groundwater elevations on a specific date (November 16, 2022 in this example).
3. A tiled hydrograph of the real-time monitoring wells illustrating depth to water for October 1, 2021 to November 16, 2022.
4. The final hydrograph of average groundwater levels based on 123 monitored wells throughout Western Yolo County. These measurements are normally taken twice annually, once in the spring when groundwater levels are at their highest and again in the fall when groundwater levels are at their lowest. Fall measurements were completed the week of August 29 and September 5, 2022 as illustrated in the hydrograph. Visit <http://yologroundwater.org> for more detailed information.

On September 1, 2022, [DWR released updated InSAR Subsidence Data](#) as of July 1, 2022.



**Well Monitoring**  
Real-Time



## Well Monitoring

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

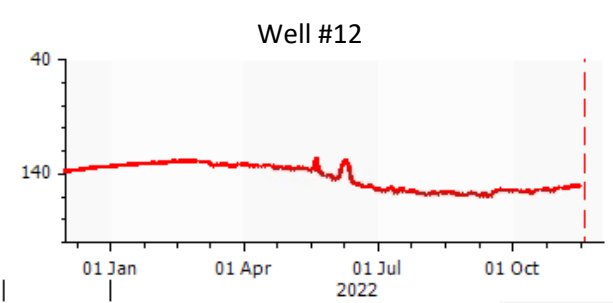
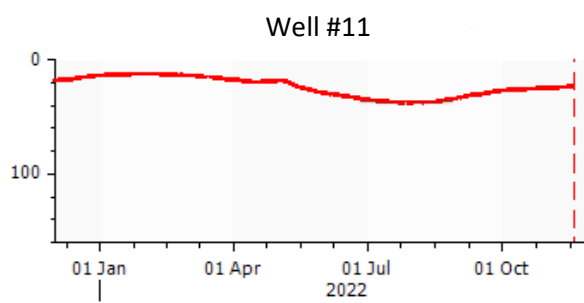
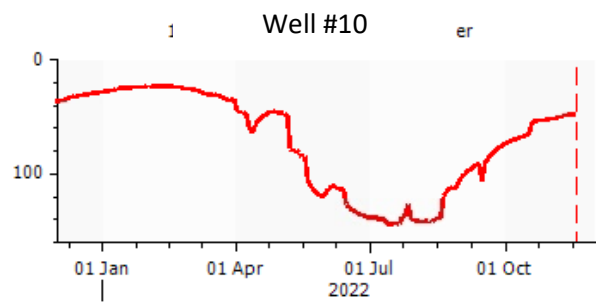
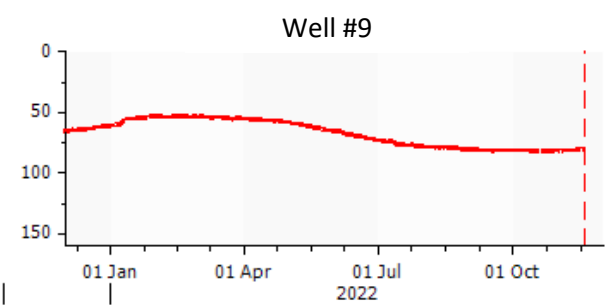
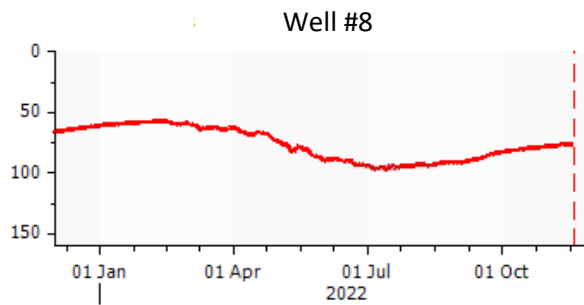
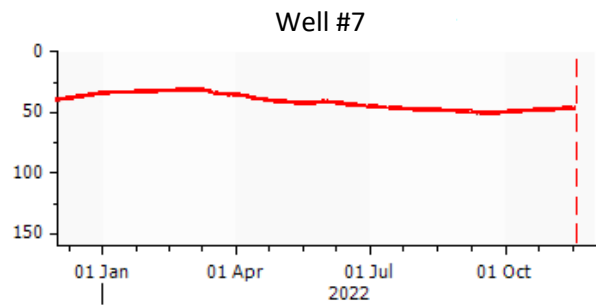
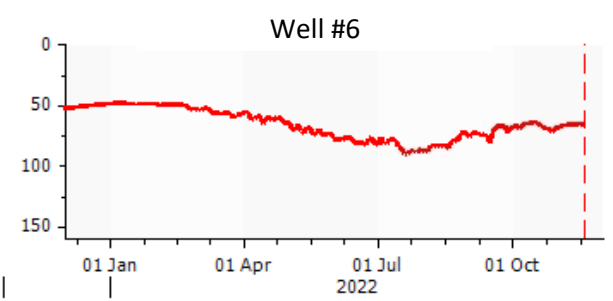
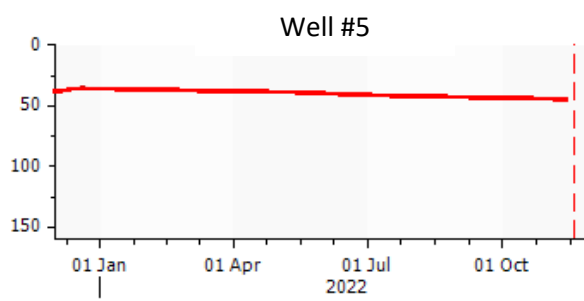
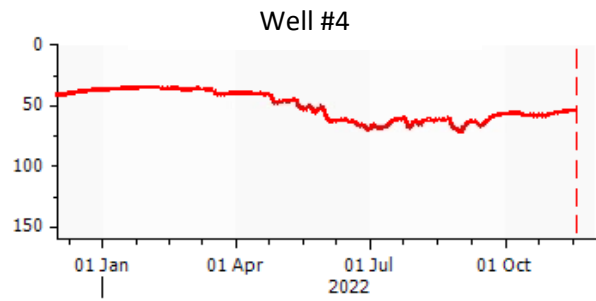
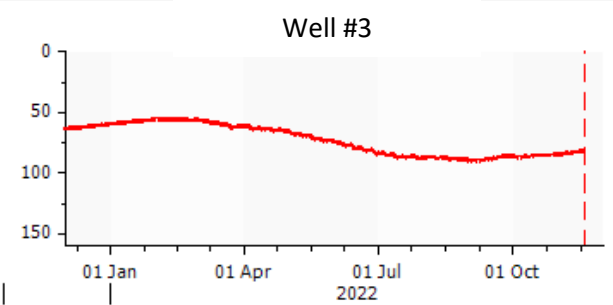
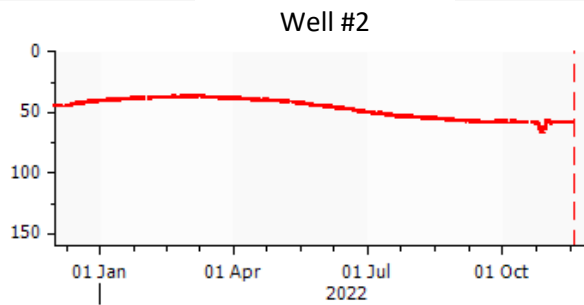
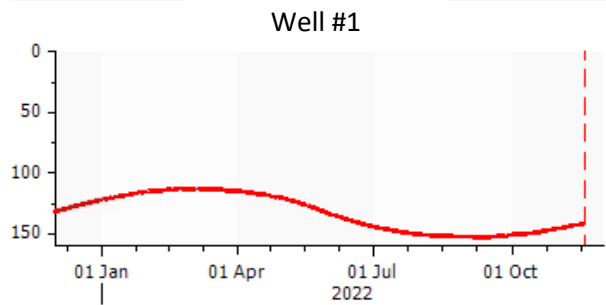
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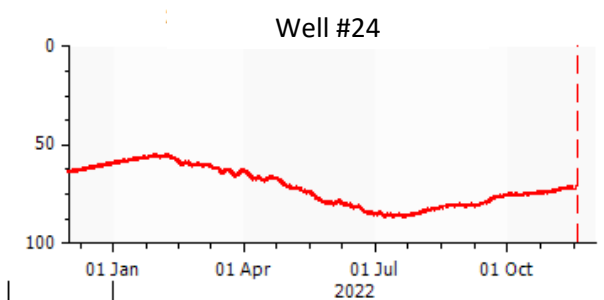
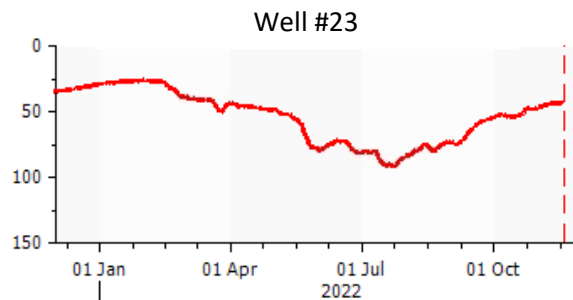
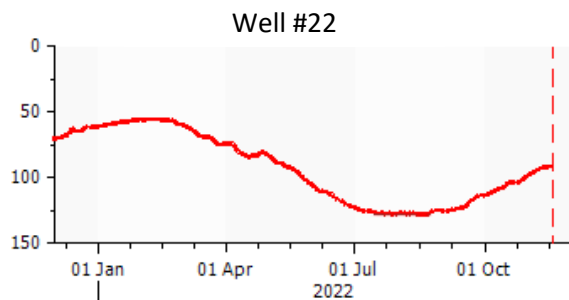
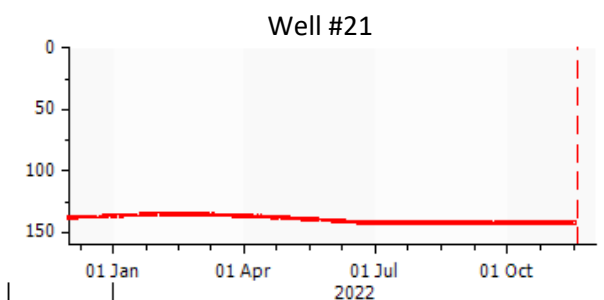
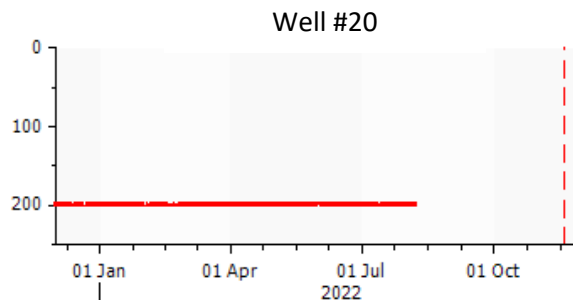
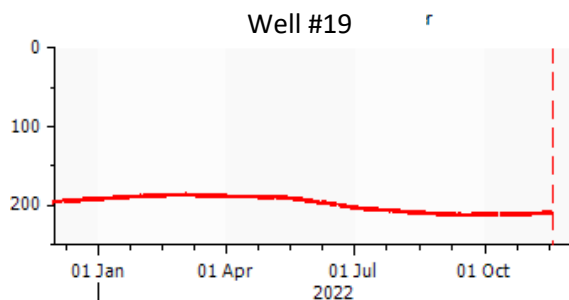
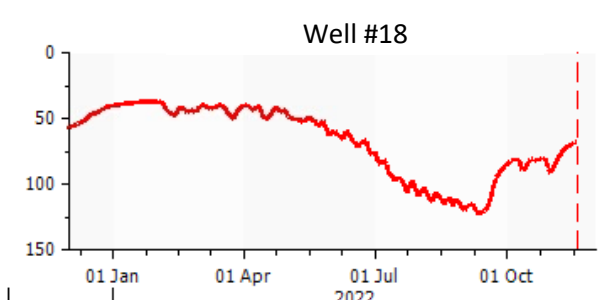
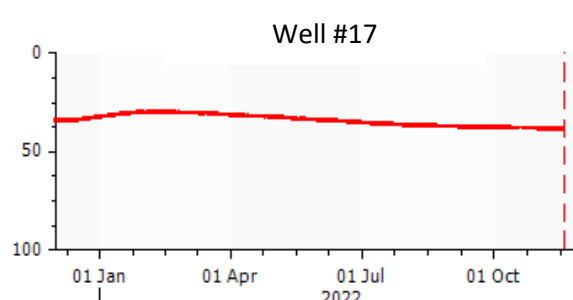
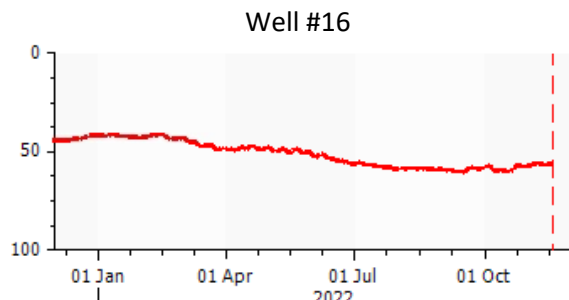
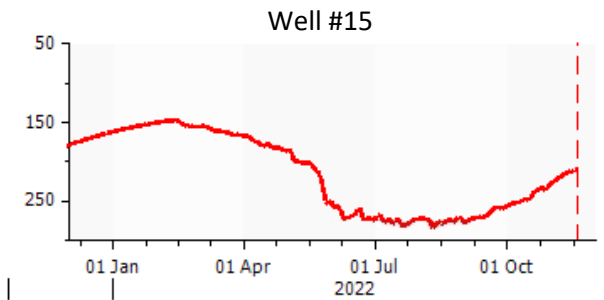
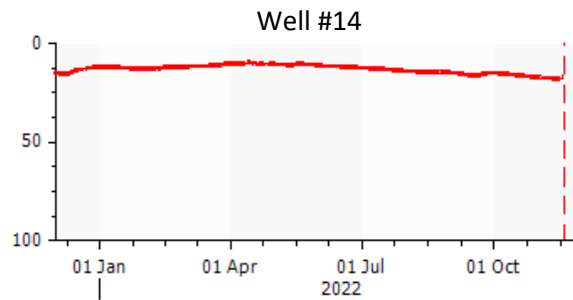
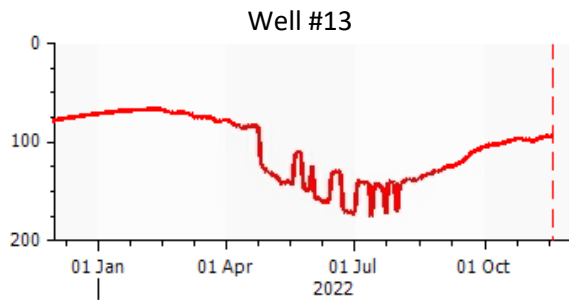
Well Map

Select Date

11/16

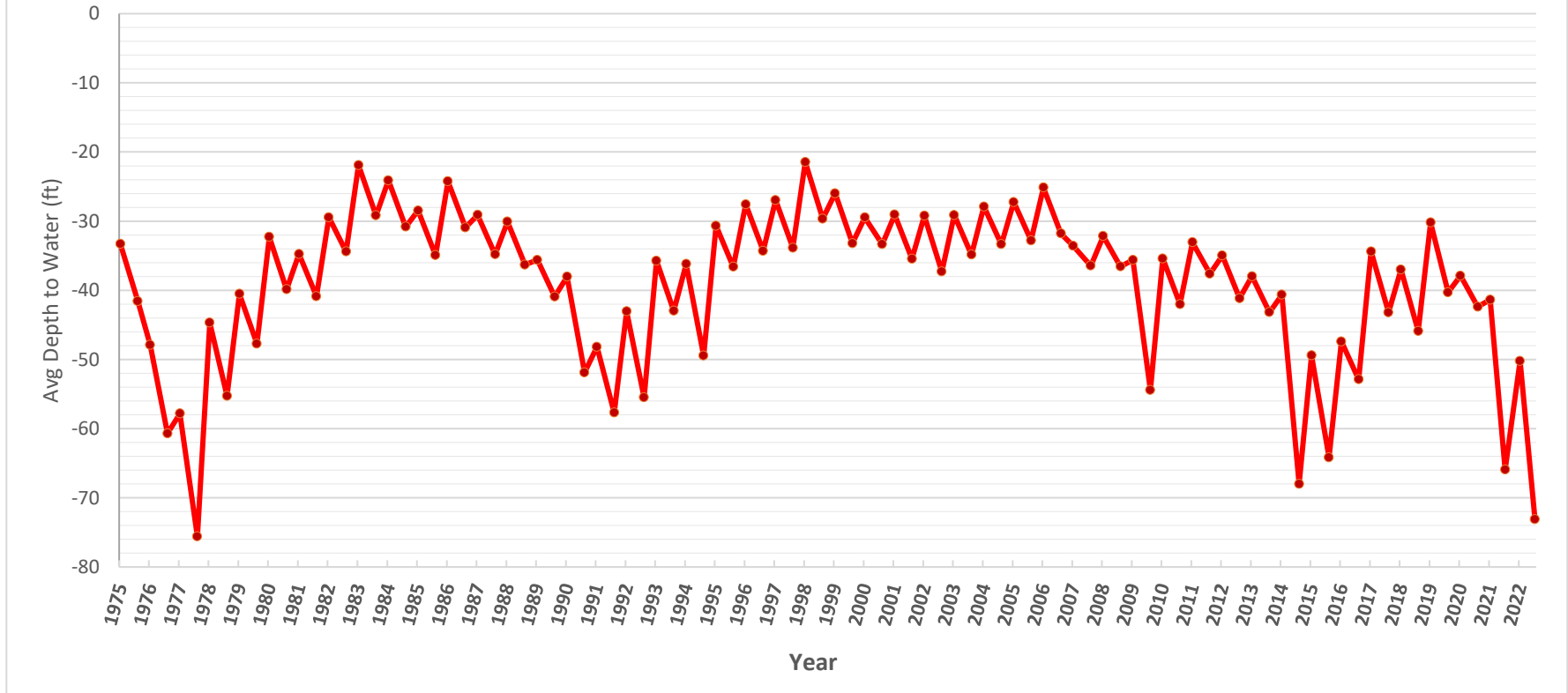
Well	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	$\Delta$ 2021 - 2022	$\Delta$ 2015 - 2022
1.	90.0	86.0	90.5	101.6	123.3	127.1	112.4	103.3	112.0	102.5	114.5	137.2	144.0	-6.8	-16.9
2.	33.9	29.9	45.2	37.5	52.8	53.5	39.2	30.7	32.6	31.5	32.5	44.7	57.8	-13.1	-4.3
3.	45.9	38.5	43.5	51.0	74.6	70.5	56.1	39.7	43.5	39.8	43.6	65.6	82.3	-16.8	-11.8
4.	31.2	26.8	28.2	33.5	48.9	48.3	36.0	27.2	29.3	28.2	32.1	43.9	54.2	-10.3	-5.8
5.		19.6	24.8	27.4	36.2	39.4	37.3	24.8	26.9	20.8	28.8	37.4	44.5	-7.1	-5.1
6.		31.4	38.7	44.7	55.6	56.9	43.0	30.9	39.1	34.6	39.3	51.8	64.9	-13.1	-7.9
7.			20.2	20.2	39.9	44.0	28.0	21.8	24.8	21.7	29.8	41.0	46.1	-5.2	-2.2
8.				51.8	72.3	73.2	66.6	49.3	54.4	43.1	52.3	68.2	76.3	-8.1	-3.1
9.					76.3	72.6	56.4	40.9	44.5	43.9	45.8	67.6	81.0	-13.4	-8.4
10.					48.4	55.6	38.0	24.4	42.2	25.4	41.5	41.1	47.8	-6.7	7.8
11.					22.6	22.1	16.5	12.7	18.0	14.5	19.7	19.4	23.3	-3.9	-1.2
12.										119.0	127.4	138.6	149.9	-11.4	
13.								66.8	70.6	57.3	75.3	82.8	95.3	-12.4	
14.									12.6	11.9	14.5	14.2	17.8	-3.5	
15s.									41.9	38.5	47.6	48.7	50.0	-1.3	
15d.									147.0	136.0	159.5	190.1	211.5	-21.4	
16.										39.4	38.2	45.0	56.3	-11.4	
17.										21.3	25.6	33.7	38.3	-4.6	
18.										48.7	57.3	65.1	69.3	-4.1	
19.										175.8	184.7	197.6	209.4	-11.8	
20.															
21.										120.9	128.7	138.3	142.1	-3.8	
22.												77.5	92.2	-14.7	
23.												41.0	50.1	-9.1	
24.													71.8		
25.													103.0		
26.													119.3		
27.													60.6		
28.													139.3		
29.													128.6		





# YCFCWCD Average Groundwater

Depth by Season (Fall 2022 is 123 wells)\*\*



Mid-March 2021 Average Depth to Water ~ 41 feet  
 Mid-August 2021 Average Depth to Water ~ 66 feet  
 Early March 2022 Average Depth to Water ~ 50 feet  
 Projected September 2022 Average Depth to Water ~75 feet  
**Measured September Average Depth to Water ~73 feet**

Of Note:

1977 Drawdown from Spring to Fall ~18 feet  
 2014 Drawdown from Spring to Fall ~ 27 feet  
 2021 Drawdown from Spring to Fall ~25 feet

**Preliminary 2022 Drawdown from Spring to Fall ~23 feet**

## *Executive Order N-7-22 Well Permitting Update*

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

YSGA staff has continued to work with Yolo County's Environmental Health (YCEH) Division and assisted in the development of a questionnaire form requesting additional data and information from the permit applicant to ensure appropriate evaluation consistent with 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.

As of November 16, 2022 and since April 1, 2022:

- 58 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 54 relevant well permit applications
  - ✓ 17 replacement well permits have received YSGA written verification
  - ✓ 37 new well permit applications are currently in the queue
    - 9 applications pending receipt of a completed questionnaire from the applicant
    - 28 applicants submitted completed questionnaires and are currently under review



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

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**MEETING DATE:** November 21, 2022

**AGENDA ITEM NO. 8**

**SUBJECT:** Consideration: Approval of YSGA Becoming a Party to the Westside IRWM Coordinating Committee MOU

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

INFORMATION  
 ACTION:  MOTION  
 RESOLUTION

ATTACHMENT  YES     NO

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**BACKGROUND**

At the September 19, 2022 Board meeting, the Board of Directors adopted Resolution No. 22-03 amending the YSGA’s JPA and giving the YSGA the power to join and participate in the Westside Regional Water Management Group to foster coordination, collaboration, and communication in addressing water supply, quantity, and quality issues in Yolo County, and the power to pursue funding for qualified projects and programs. To memorialize the YSGA’s participation in the Westside Regional Water Management Group, the YSGA will need to become a party of the Westside Integrated Regional Water Management Coordinating Committee (Westside IRWM CC) Memorandum of Understanding (MOU). The current Westside IRWM CC MOU is attached for reference. A revised IRWM CC MOU would include the YSGA as a party and signatory, assuming the YSGA Board approves. Additionally, the YSGA Board will need to appoint a staff and alternate representative to the IRWM CC. YSGA staff recommend the Board consider appointing YSGA staff Sarah Leicht and Yolo County staff Sabrina Snyder as the primary representatives, with Yolo County staff Elisa Sabatini serving as the alternate representative.

**RECOMMENDATION**

Recommend approval of the YSGA becoming a party to the Westside IRWM CC MOU and authorizing the YSGA Chair to execute the MOU.

MEMORANDUM OF UNDERSTANDING  
IMPLEMENTATION OF THE WESTSIDE SACRAMENTO  
INTEGRATED REGIONAL WATER MANAGEMENT PLAN

**1. PURPOSE**

The purpose of this Memorandum of Understanding (MOU) is to implement the Westside Sacramento Integrated Regional Water Management Plan (Westside IRWMP) by the Westside Sacramento Regional Water Management Group (RWMG). The RWMG consists of the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Solano County Water Agency and Water Resources Association of Yolo County. The basis of the designation of the Westside Sacramento Region (Region) is generally the Putah and Cache Creek watersheds, as shown in Exhibit A. Implementation of the Westside IRWMP will increase regional coordination, collaboration, and communication regarding water issues among stakeholders in the Region. Implementation of the Westside IRWMP will also assist in obtaining funding for flood management, habitat restoration and water related projects that fulfill the goals and objectives of the Westside IRWMP.

This MOU supersedes the MOU signed by the RWMG in September of 2010, as amended, to develop the Westside IRWMP.

**2. GOALS**

To foster coordination, collaboration and communication between the RWMG and other agencies responsible for water resources- related issues and interested stakeholders to achieve greater efficiencies, to provide for integration of projects, enhance public services and build public support for vital projects.

To implement the Westside IRWMP to facilitate regional cooperation towards the challenges and opportunities in water supply reliability, water recycling, water conservation, water quality improvement, storm water capture and management, flood management, wetlands enhancement and creation, and environmental and habitat protection and improvements.

The goals and objectives of the Westside IRWMP are detailed in Section 6 of the Westside IRWMP.

**3. DEFINITIONS**

Coordinating Committee: A committee comprised of representatives of the RWMG to work with other Regions in the Sacramento River Funding Area and the state to manage the

March 15, 2013

Westside IRWMP and to seek out and apply for funding for projects and programs that address the goals and objectives of the Westside IRWMP.

Stakeholders: Entities, such as governments, agencies, business organizations, non-profit groups, tribes and Public Utility Commission regulated entities interested in ensuring long term water supply, water quality, flood management and water related natural resources.

Westside Sacramento Integrated Regional Water Management Plan: The Westside IRWMP was prepared pursuant to California Water Code Section 10530 et sec. It integrates the projects and management plans of water resource related agencies and stakeholder organizations located in a defined region, in this case the Westside Sacramento Region of the Sacramento River Proposition 84 Funding Area, in order to foster coordination, collaboration, and communication among those entities and to assist decision-makers in identifying and applying for grants and other funding in support of identified regional goals and objectives.

Westside Sacramento Regional Water Management Group: The RWMG consists of the Lake County Watershed Protection District, Napa County Flood Control and Water Conservation District, Solano County Water Agency and Water Resources Association of Yolo County and are signatories to this MOU.

#### **4. IRWMP PARTICIPANTS**

Westside IRWMP participants include the RWMG and any stakeholders interested in water related issues in the Region.

#### **5. MUTUAL UNDERSTANDINGS**

##### **Need for an IRWMP**

Integrated regional water management fosters increased coordination, collaboration and communication between water-related agencies and interested stakeholders that may result in more effectively managed resources, cost efficiencies and better service to the public.

In addition, a qualified IRWMP is required by state law for receiving IRWMP implementation grants from Proposition 84 funds and will likely be required for any future state funding programs.

##### **Scope of the IRWMP**

The Westside IRWMP defines a clear vision for the management of water resources in the Region and highlights important actions needed to accomplish that vision through the year 2035. The Westside IRWMP is intended to be a useful planning tool, and nothing more. It does not provide discretionary approval for any given project. Rather, it provides a

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framework for improved understanding and actions to address the major water-related challenges and opportunities facing the Region through the planning horizon.

### **Geographical Scope of the IRWMP**

The boundaries of the Westside Sacramento Region of the Proposition 84 Sacramento River Funding Area are shown in in Exhibit A.

## **6. GOVERNANCE**

One of the key considerations for the Westside IRWMP is the governance structure chosen to perform the tasks necessary to develop and implement the Westside IRWMP. Section 11 of the Westside IRWMP provides the details of the governance structure to be used to implement and update the Westside IRWMP over the next 20 years, it is summarized below.

The RWMG Governing Boards have appointed representatives to the Coordinating Committee (CC), comprised of one staff representative and an alternate from each member of the RWMG. All CC meetings will be compliant with the Brown Act (Government Code Sections 54950-54960.5).

As described in the Governance Section of the Westside IRWMP, the CC will be responsible for coordinating implementation of the Westside IRWMP including, but not limited to, promoting progress on Westside IRWMP objectives, conducting stakeholder meetings, engaging the public, maintaining the Westside IRWMP website, pursuing grant funds for implementation, coordinating related efforts, finance implementation coordination activities, updating the project list, and, subject to the RWMG Governing Boards approval, updating the Westside IRWMP. Any decisions by the CC shall not cause an increase in expenditures beyond amounts authorized by the RWMG per the Cost Share provision of this MOU.

The CC will have a Chair and Vice Chair; the Chair shall be responsible for coordinating and running meetings as described in the Governance Section of the Westside IRWMP.

A summary of the major Governance components is found below, detailed descriptions of each component are found in Section 11 of the Westside IRWMP.

### **Decision Making**

Decisions authorized by the RWMG, through their representatives on the CC, will continue to be made using broad stakeholder agreement as during development of the Westside IRWMP. If broad agreement cannot be made, the CC will vote on decisions, with a simple majority vote required for final decisions.

## **Roles and Responsibilities**

### *Long-term Implementation of the IRWMP*

Implementation of the Westside IRWMP will rely on actions taken by existing agencies and organizations within the Region. The RWMG as represented by the CC will provide leadership for fostering cooperation, continuing coordination, tracking of Westside IRWMP performance, and updating the Westside IRWMP.

### *Public Involvement Processes*

CC/Stakeholder input meetings will be held quarterly, or as needed, to discuss implementation issues. The CC may convene additional meetings as necessary to support fulfilling the objectives of the Westside IRWMP. The meetings will be announced and open to the public.

### *Coordination with Neighboring IRWMP Efforts, State Agencies, and Federal Agencies*

Members of the CC will engage with neighboring IRWMP efforts and continue to communicate with California Department of Water Resources and other state and federal agencies that have interests or could impact meeting the objectives of the Westside IRWMP.

### *Making Changes to the IRWMP*

The CC will review the Westside IRWMP at least once every five years to determine if the content needs to be changed in a significant way.

If significant changes are needed, the CC will lead the process for revising the Westside IRWMP. Once substantial revisions are made, the CC will request that the RWMG and project proponents adopt the revised Westside IRWMP.

### *Updating the IRWMP Project List*

The CC may add projects to the Westside IRWMP, without formally amending the Westside IRWMP, that further the goals and objectives of the Westside IRWMP. The CC will invite stakeholders and project proponents at least once per year to submit additional projects for consideration to be included in the Westside IRWMP or updates to projects already included in the Westside IRWMP.

### *Pursue Funding for Implementation*

The RWMG will not serve as fiscal agent for funding opportunities, but rather help identify a willing agency or organization with the appropriate authority and financial conditions to serve as a fiscal agency for each specific funding opportunity that is pursued.

As described in the Westside IRWMP, the CC will research, help identify and pursue funding opportunities that could help implement the projects and meet the objectives included in the Westside IRWMP.

### **Term**

This MOU shall take effect upon signature or counter signature of the authorized representatives of the RWMG. This MOU shall expire on December 31, 2035 or upon its replacement by a subsequent MOU, or other instrument.

### **Cost Share**

The CC will prepare an annual operating budget, linked to an annual work plan, to fulfill the roles of the CC. This budget will be presented and discussed at a CC/Stakeholder meeting. The RWMG (and potentially other agencies/organizations within the Region) may provide funds or in-kind services to fulfill the roles of the CC for the purposes of implementing the Westside IRWMP. The CC may direct the expenditure of funds for any roles defined for the CC in support of the Westside IRWMP.

The RWMG has authorized \$80,000 as an initial operating budget for fiscal year 2013/2014 towards implementation of the Westside IRWMP, with each RWMG partner contributing \$20,000 in funds.

The level and allocation of cash and in-kind services contributed by the RWMG members and other contributing agencies/ organizations within the Region to fulfill the roles of the CC for the purposes of implementing the Westside IRWMP will be reviewed, adjusted and approved by each RWMG member on an annual basis.

### **Withdrawal from the MOU**

If any of the RWMG desires to withdraw from this MOU once adopted, the following conditions must be followed:

- 1) Written notification of intent to withdraw from the MOU must be submitted to all RWMG members;
- 2) Withdrawal from this MOU may occur at anytime with 90 days written notice. However, once a RWMG member makes a payment for annual funding for implementation of the Westside IRWMP, no refunds of that contribution are made in the event of a withdrawal.

### **Personnel**

It is expected that RWMG members will contribute the staff time necessary to meet the goals of this MOU.

March 15, 2013

## **Reports and communications**

Members of the CC will regularly report on the status of the Westside IRWMP to the RWMG and stakeholders. An annual report detailing project and program work completed, outreach and coordination, and the annual work plan and budget shall be prepared for the RWMG in the first quarter of each year.

## **Execution**

This MOU may be executed in counterparts and the signed counterparts shall constitute a single instrument. The signatories to this MOU represent that they have the authority to bind their respective agency to this MOU.

### **7. SIGNATORIES TO THE MEMORANDUM OF MUTUAL UNDERSTANDINGS.**

We the undersigned representatives of our respective agencies, acknowledge the above as our understanding of the implementation of the Westside Sacramento Integrated Regional Water Management Plan.

\_\_\_\_\_  
Jim Spering, Chairman, Solano County Water Agency

  
\_\_\_\_\_  
William L. Marble, Chairman, Water Resources Association of Yolo County

\_\_\_\_\_  
Jill Techel, Chairman, Napa County Flood Control and Water Conservation District

\_\_\_\_\_  
Jeff Smith, Chairman, Lake County Watershed Protection District







Member agencies initially submitted 14 projects for staff to prioritize on September 7, 2022. On August 31, 2022, the YSGA's Working Group provided comments on draft project eligibility and prioritization criteria. Staff incorporated feedback from the Working Group and the Board of Directors approved the criteria on September 19, 2022. The Working Group also provided feedback on staff's initial ranking of projects at a meeting on October 13, 2022, including the decision to only recommend 11 projects for potential inclusion in the SGMA Implementation Round 2 Grant.

YSGA staff will provide a presentation of the 11 projects and will provide an update on the grant application process. Applications are due by December 16, 2022, and a Resolution authorizing the submission and a future grant agreement arrangement needs to be included in the application.

### **RECOMMENDATION**

Recommend adoption of Resolution No. 22-04 directing and authorizing the Executive Officer to prepare and submit a SGMA Implementation Grant Application to the Department of Water Resources (Department) and to enter into an agreement with the Department if successfully awarded.

**RESOLUTION NO. 22-04  
OF THE  
BOARD OF DIRECTORS OF THE  
YOLO SUBBASIN GROUNDWATER AGENCY**

***IN THE MATTER OF:* APPLYING FOR GRANT FUNDING UNDER THE 2021  
SUSTAINABLE GROUNDWATER MANAGEMENT GRANT  
PROGRAM SGMA IMPLEMENTATION GRANT**

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

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

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

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

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

**WHEREAS**, the State of California, Department of Water Resources has opened a funding solicitation under the [2021 Sustainable Groundwater Management Program SGMA Implementation Grant](#) and the YSGA is appreciative of the opportunity for state financial assistance.

**NOW, THEREFORE, BE IT RESOLVED:**

1. The Board of Directors of YSGA allows an application to be made to the Department of Water Resources to obtain a grant under the 2021 Sustainable Groundwater Management (SGM) Grant Program SGMA Implementation Grant pursuant to the California Drought, Water, Parks, Climate, Coastal Protection, and Outdoor Access For All Act of 2018 (Public Resources Code, 80000, et seq.) and the Budget Acts of 2021 and 2022.
2. The Board of Directors of YSGA has the authority and shall enter into a funding agreement with the Department of Water Resources to receive a grant for the *Yolo Subbasin GSP: Planning and Project Implementation*.
3. The Board of Directors of YSGA authorize and direct the Executive Officer, or designee, to prepare the necessary data, conduct investigations, file such application, execute a funding agreement and any future amendments thereto, submit invoices, and submit any reporting requirements with the Department of Water Resources.

**PASSED AND ADOPTED** at a meeting of the Board of Directors of the Yolo Subbasin Groundwater Agency on November 21, 2022 by the following vote:

AYES:

NOES:

ABSENT:

Signed by me after its passage this 21<sup>st</sup> day of November 2022.

---

Roger Cornwell, Chair

**Certification of Secretary**

I do hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the Yolo Subbasin Groundwater Agency held on November 21, 2022:

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Kristin Sicke, Board Secretary

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

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**MEETING DATE:** November 21, 2022

**AGENDA ITEM NO. 10**

**SUBJECT:** Groundwater Sustainability Plan Implementation

INITIATED OR  BOARD

INFORMATION

REQUESTED BY:  STAFF

ACTION:  MOTION

OTHER \_\_\_\_\_

RESOLUTION

ATTACHMENT  YES  NO

---

**BACKGROUND**

*a. Report of the Fall 2022 Representative Well Standings*

To monitor and report on groundwater conditions to the Department of Water Resources, the Yolo Subbasin GSP identified 62 Representative Wells. The [YSGA's first Annual Report](#) provided a summary of *Representative Well* hydrographs as of September 2021 to the Department, which reported **five of the 62 Representative Wells** exceeded their respective groundwater elevation *Minimum Thresholds* (the lowest groundwater elevation on record) for the *Groundwater Levels and Groundwater Storage Sustainable Management Criteria (SMC)*. And **three of the 17 Representative Wells** exceeded their respective groundwater elevation *Minimum Thresholds* for the *Interconnected Surface Waters SMC*.

The Yolo Subbasin GSP defines an *Undesirable Result* occurring when the *Minimum Threshold* criteria is exceeded in 51 percent or more of *Representative Wells* in two Management Areas. The Yolo Subbasin GSP also defines an *Undesirable Result Watch Area* as a Management Area that has exceeded the *Minimum Threshold* for 51 percent of the Representative Wells within the Management Area. An *Undesirable Result Watch Area* triggers responses from the YSGA to address the local conditions of exceeding *Minimum Threshold* values to avoid triggering the criteria for a basin-wide *Undesirable Result*.

As of Fall 2022, **eight of the 62 Representative Wells** exceeded their respective groundwater elevation *Minimum Thresholds* for the *Groundwater Levels and Groundwater Storage Sustainable Management Criteria*. And **two of the 17 Representative Wells** exceeded their respective groundwater elevation *Minimum Thresholds* for the *Interconnected Surface Waters Sustainable Management Criterion*.

A summary table of the Fall 2022 *Representative Well* standings is attached, along with the *Representative Well* hydrograph.

*b. Executive Order N-7-22 Well Permitting Update*

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

YSGA staff has continued to work with Yolo County's Environmental Health (YCEH) Division and assisted in the development of a questionnaire form requesting additional data and information from the permit applicant to ensure appropriate evaluation consistent paragraph 9 requirements. YSGA staff reviewed YCEH's draft Technical Memorandum for implementing a temporary agricultural well permitting procedure that considers the appropriate setbacks to ensure nearby wells are not impacted. As of November 18, 2022 and since April 1, 2022:

- 58 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 54 relevant well permit applications
  - ✓ 17 replacement well permits have received YSGA written verification
  - ✓ 37 new well permit applications are currently in the queue
    - 9 applications pending receipt of a completed questionnaire from the applicant
    - 28 applicants submitted completed questionnaires and are currently under review

*c. Establishing a Framework for Forming the Management Area Advisory Committee*

As part of implementing the GSP on a local level, the YSGA will consider establishing a framework for the formation of Management Area Advisory Committees. These committees will tackle on-the-ground issues related to project implementation, management action considerations, dispute resolution options, etc. If desired, the YSGA can utilize the *Ad Hoc Drought Contingency Planning Committee* to consider the appropriate drought mitigation activities.

The committees will serve as a forum for community organization and public involvement, and the potential role and responsibilities of these Committees are to 1) evaluate and respond to local groundwater conditions, 2) select and implement projects, and 3) report to the Board of

Directors and make recommendations for action on issues related to groundwater conditions and ensuring sustainability.

YSGA staff has worked with Legal Counsel, consultants, and various member agencies to assist in thinking through the framework for these committees and will provide a presentation on what should be considered.

### **RECOMMENDATION**

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

# FALL 2022

## REPRESENTATIVE WELL STANDINGS



Prepared by:

YSGA Staff  
34274 State Highway 16  
Woodland, CA 95695



**TABLE 1. CAPAY VALLEY REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective
<i>DWR assigned well number</i>	<i>YSGA GSP Well Number</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation, ft. MSL</i>									<i>Fall 2018-Fall 2022</i>	<i>5-year average minus MO</i>
<i>Shaded values are below the minimum threshold value</i>														
<i>*** represents no measurement</i>														
10N02W16R001M	276	215.0	207.7	217.0	219.9	216.7	216.2	214.6	214.2	211.2	215.2	209.9	213.9	-1.1
10N02W18F001M	277	315.6	304.2	325.6	312.9	318.5	317.8	325.9	314.8	311.2	314.8	312.2	318.7	3.0
10N03W02R002M	280	319.5	308.2	312.7	322.5	316.6	316.7	313.3	313.4	309.3	312.5	310.2	312.5	-7.0
11N03W09Q001M	285	383.7	355.8	382.2	394.4	384.9	389.3	382.3	381.6	377.6	387.4	382.4	381.9	-1.8
11N03W23L001M	287	296.0	287.6	298.5	301.0	298.9	298.7	298.2	***	285.9	298.6	286.0	293.5	-2.5
11N03W23N001M	288	287.3	271.0	295.3	301.6	298.3	297.5	294.5	289.3	284.4	297.4	286.7	291.9	4.6
11N03W33F001M	289	351.1	341.2	351.5	356.2	351.6	352.0	351.3	351.2	344.4	351.4	345.8	349.0	-2.1
12N03W20D001M	293	382.8	376.4	383.4	387.1	382.4	383.6	382.0	382.4	380.0	383.6	378.0	381.2	-1.6
11N03W35D003M	415	280.7	273.0	***	293.1	282.1	284.1	281.2	283.1	275.9	286.1	278.1	279.3	-1.4
10N03W24B002M	416	324.8	281.1	327.8	345.9	343.7	339.6	327.2	326.6	310.4	305.2	303.1	322.5	-2.4

**TABLE 2. NORTH YOLO REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective
<i>DWR assigned well number</i>	<i>YSGA GSP Well Number</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation, ft. MSL</i>									<i>Fall 2018-Fall 2022</i>	<i>5-year average minus MO</i>
<i>Shaded values are below the minimum threshold value</i>														
<i>*** represents no measurement</i>														
11N01E02D001M	127	-13.3	-88.3	-17.4	16.2	-10.3	7.6	-27.2	5.6	-37.1	0.5	***	-23.0	-9.7
11N01E16P001M	128	-33.1	-129.8	0.4	26.3	-24.1	17.3	-25.9	10.5	-58.5	-8.0	-86.9	-39.0	-5.9
12N01E03R002M	129	9.1	-44.3	-1.0	20.6	3.5	19.2	-9.0	15.3	-12.9	16.3	-2.9	-4.5	-13.6
12N01E26A002M	131	-4.2	-46.1	-5.0	19.3	-2.0	13.0	-12.5	5.6	-29.7	3.3	***	-12.3	-8.1
10N03E33B011M	153	3.8	-73.3	8.6	***	7.5	14.2	3.1	11.3	1.7	10.8	-23.4	-0.5	-4.3
12N01W14M001M	178	10.5	-30.9	-7.5	19.3	-7.5	10.8	-14.9	-5.9	-29.5	-33.7	-28.5	-17.6	-28.1
12N01W26L002M	431	13.1	-43.8	-12.8	10.5	-5.6	6.0	-16.3	-9.2	-35.3	-17.3	-41.7	-22.4	-35.4
10N01E02Q002M	251	32.1	-32.6	17.1	40.4	20.3	32.6	17.6	22.5	***	***	***	18.3	-13.8
10N02E06B001M	405	26.0	-85.7	18.6	37.6	28.6	29.6	23.6	25.0	-8.1	15.6	1.7	12.9	-13.2
12N01W05B001M	411	49.5	-25.3	18.7	30.5	20.6	25.6	15.5	16.5	4.4	8.6	***	14.8	-34.7
10N02E09N001M	410	12.9	-63.7	7.3	36.6	23.0	28.0	17.1	23.2	-3.4	15.7	-11.3	6.5	-6.4
10N02E03R002M	420	12.2	-39.2	-9.8	31.8	6.5	22.3	***	15.7	***	4.4	-36.7	-13.4	-25.6
11N02E20K004M	421	28.8	-31.6	25.7	33.4	29.5	32.9	26.8	29.1	20.9	24.4	17.1	24.0	-4.9

**TABLE 3. SOUTH YOLO REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective
<i>DWR assigned well number</i>	<i>YSGA GSP Well Number</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation, ft. MSL</i>									<i>Fall 2018-Fall 2022</i>	<i>5-year average minus MO</i>
<i>Shaded values are below the minimum threshold value</i>														
<i>*** represents no measurement</i>														
08N03E32L001M	122	-1.9	-71.8	-10.1	16.4	-56.5	8.8	-18.4	2.9	-31.1	-0.6	***	-29.0	-27.1
06N03E07M001M	160	9.9	-10.8	-2.8	14.7	-2.0	12.2	-5.4	***	-7.0	4.7	-7.9	-5.0	-14.9
08N03E31N001M	422	-7.0	-49.3	-10.2	14.3	-9.0	2.9	-20.8	***	-34.2	-12.1	-40.3	-22.9	-15.8
07N03E04Q001M	423	0.5	-27.1	-1.4	16.9	-0.9	7.7	***	***	-7.7	7.4	-6.0	-4.0	-4.5

**TABLE 4. CENTRAL YOLO REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective
<i>DWR assigned well number</i>	<i>YSGA GSP Well Number</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation, ft. MSL</i>									<i>Fall 2018-Fall 2022</i>	<i>5-year average minus MO</i>
<i>Shaded values are below the minimum threshold value</i>														
<i>*** represents no measurement</i>														
08N02E15A002M	114	-25.1	-61.3	***	***	0.4	16.8	-9.6	10.0	-28.6	-15.8	-31.2	-17.3	7.9
08N03E07N001M	132	-22.0	-78.0	***	***	***	***	***	***	-28.9	-7.5	-32.3	***	***
09N03E33B002M	151	4.7	-35.3	4.8	19.0	3.6	15.0	-2.1	12.9	-4.2	11.4	-9.3	-1.5	-6.2
08N02E18M002M	170	20.4	1.5	18.5	30.1	27.7	***	20.9	22.5	8.9	14.1	5.5	16.3	-4.1
08N01E07R001M	220	82.3	16.5	60.5	87.6	74.1	72.2	***	65.1	46.5	59.6	42.5	55.9	-26.3
08N01W09C001M	222	110.9	40.3	72.0	92.6	78.2	82.6	85.4	88.6	69.0	73.9	51.9	71.3	-39.6
08N01W13G003M	224	80.0	47.8	70.9	***	78.4	77.8	71.8	73.3	58.8	61.4	53.3	66.6	-13.4
08N01W20R005M	229	72.8	36.4	44.7	75.4	60.9	72.0	45.0	59.6	31.2	47.2	26.1	41.6	-31.2
10N01E34A003M	430	27.6	-47.4	11.0	42.0	28.0	35.5	18.6	25.9	-33.9	11.1	***	5.9	
09N01E07D001M	231	111.1	68.3	102.4	109.6	104.7	104.5	99.2	97.2	76.5	93.0	75.7	91.7	-19.4
09N01E20E001M	233	104.8	67.1	106.7	108.8	106.0	105.0	105.7	98.9	91.7	94.7	85.7	99.2	-5.6
09N01E24D001M	234	52.2	7.6	41.5	51.5	49.5	47.3	45.3	40.7	29.1	36.4	27.4	38.6	-13.6
09N01E31D001M	235	104.6	68.3	103.7	111.3	106.1	100.7	101.8	92.6	70.9	79.0	64.8	89.4	-15.2
09N01W08Q001M	239	185.1	152.2	185.7	186.3	184.7	178.3	184.5	174.9	172.9	168.9	161.1	177.8	-7.3
09N01W21E001M	240	163.4	144.7	160.4	171.1	153.7	165.1	162.4	159.4	149.5	150.3	141.9	153.6	-9.8
09N02E07L001M	246	24.7	-45.4	2.2	37.6	18.4	28.2	***	23.4	-19.6	10.2	-26.8	-6.5	-31.1
09N02E32M001M	248	29.1	-7.0	16.2	44.2	27.1	32.7	21.6	27.2	-2.7	18.4	-18.1	8.8	-20.3
09N03E19R002M	250	6.7	-14.1	2.5	18.7	3.3	15.0	-0.6	12.9	-6.0	12.7	9.8	1.8	-4.9

**TABLE 4. CENTRAL YOLO REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS (CONT.)**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective
10N01E23Q002M	254	26.8	-43.0	16.8	44.9	31.7	37.7	23.0	29.6	-12.2	16.0	-25.0	6.9	-20.0
10N01E29K001M	256	77.8	58.4	80.0	87.2	81.8	80.8	80.2	79.5	77.2	79.4	77.5	79.3	1.5
10N01W08B001M	261	139.5	73.3	136.0	144.9	141.9	140.5	137.3	135.7	106.9	123.3	90.4	122.5	-17.1
10N01W21J001M	265	127.5	90.9	127.5	137.0	130.6	131.2	129.7	129.3	115.4	124.4	106.1	121.9	-5.7
10N01W32E001M	268	169.9	144.5	169.6	174.9	169.6	167.1	168.6	164.1	152.0	158.2	146.8	161.3	-8.6
10N01W35Q001M	269	120.5	93.0	121.9	128.7	124.0	116.2	123.3	110.0	104.8	113.4	98.8	114.5	-6.0
10N02W14A001M	275	137.8	91.1	136.0	148.7	138.4	138.8	137.2	134.1	104.8	125.4	91.3	121.6	-16.2
10N02W26P001M	279	241.7	212.7	220.6	225.6	219.7	221.4	211.2	***	***	207.7	207.0	214.6	-27.2
10N02E29A001M	406	35.7	9.9	29.6	38.3	35.9	37.4	***	***	***	26.5	23.7	29.7	-6.0
09N02E22H002M	400	22.9	-24.8	22.4	28.6	26.8	28.4	23.3	24.2	14.0	14.3	13.2	19.9	-3.0
10N02E36E001M	401	22.1	9.0	20.4	28.7	19.8	25.8	19.6	23.6	14.1	22.0	9.4	16.6	-5.5
09N01E26N001M	403	71.7	32.2	53.5	76.3	66.1	64.8	61.0	58.7	46.3	46.6	35.4	52.4	-19.3
09N01W23D001M	404	135.8	82.9	119.7	136.0	128.6	122.1	122.8	121.6	67.9	113.2	39.5	95.7	-40.1
08N01W22G500M	419	71.9	6.5	39.5	79.5	58.5	78.5	47.5	62.5	16.5	41.5	9.5	34.3	-37.6

**TABLE 5. DUNNIGAN HILLS REPRESENTATIVE MONITORING WELL GROUNDWATER ELEVATIONS**

State Well Number	Representative Well Number	Measurable Objective	Minimum Threshold	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Fall Average	Distance to Measurable Objective	
<i>DWR assigned well number</i>	<i>YSGA GSP Well Number</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation</i>	<i>Groundwater Elevation, ft. MSL</i>									<i>Fall 2018-Fall 2022</i>	<i>5-year average minus MO</i>	
				<i>Shaded values are below the minimum threshold value</i>											
				<i>*** represents no measurement</i>											
10N01E18C001M	253	143.1	132.8	137.8	138.0	140.1	137.5	138.5	135.4	134.5	133.8	132.9	136.8	-6.3	
10N01W02Q001M	260	128.3	73.6	76.8	94.6	86.0	91.0	79.8	78.4	46.2	71.6	46.1	67.0	-61.3	
10N01E15D001M	402	17.5	-69.6	-53.0	6.3	5.1	17.7	-2.3	7.4	-23.6	-9.6	-26.6	-20.1	-37.6	

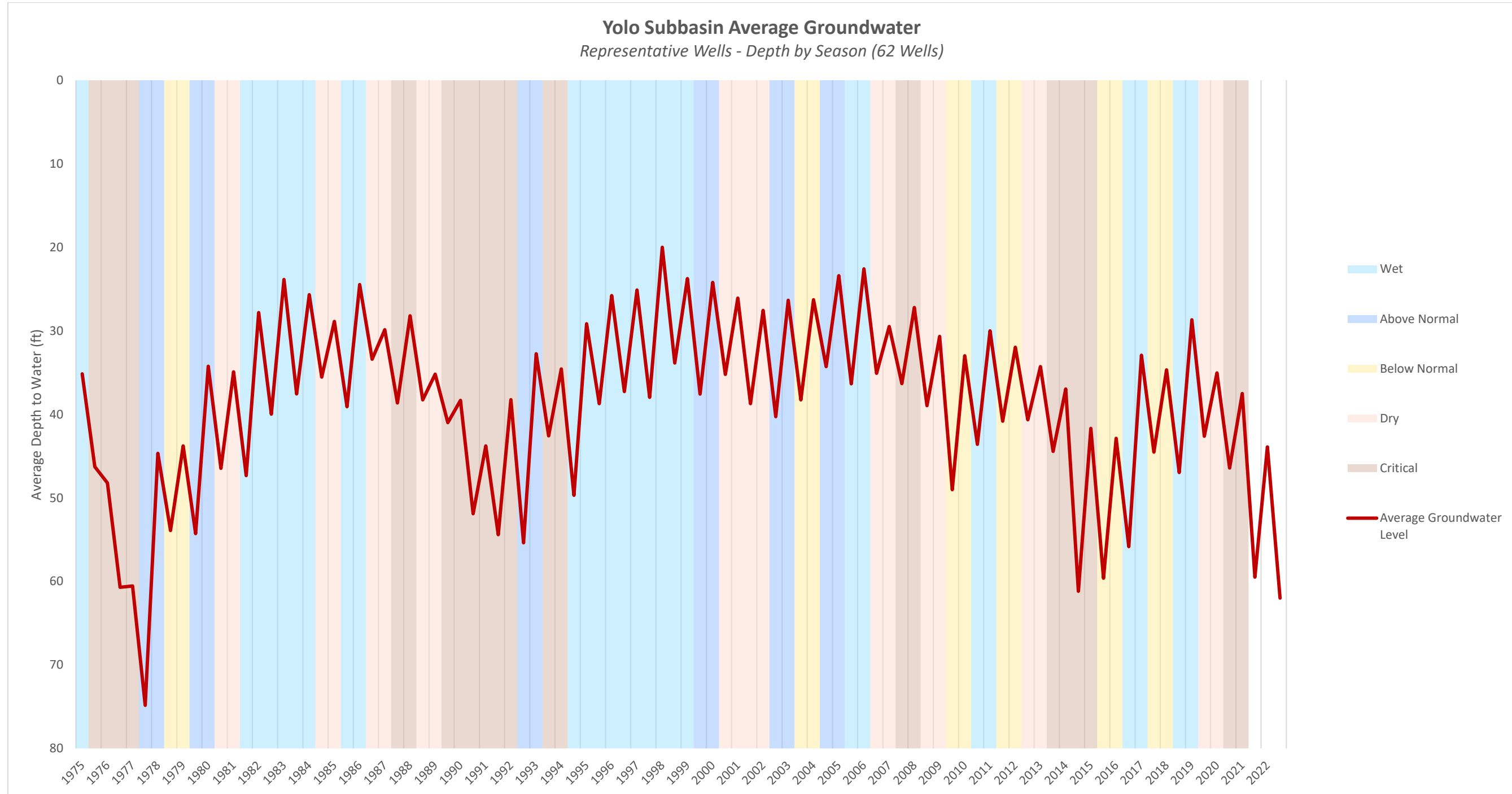
TABLE 6. INTERCONNECTED SURFACE WATERS REPRESENTATIVE GROUNDWATER ELEVATIONS

ISW Management Zone	State Well Number	Representative Well Number	Measurable Objective Value	Minimum Threshold Value	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	5-year Spring Average	Distance to Measurable Objective
Upper Cache Creek	11N03W23L001M	287	298.7	287.6	298.5	301.0	298.9	298.7	298.2	***	285.9	298.6	286.0	299.1	0.7
Upper Cache Creek	11N03W33F001M	289	354.3	341.2	351.5	356.2	351.6	352.0	351.3	351.2	344.4	351.4	345.8	352.5	-0.6
Upper Cache Creek	12N03W20D001M	293	385.2	376.4	383.4	387.1	382.4	383.6	382.0	382.4	380.0	383.6	378.0	384.0	-0.3
Upper Sac River	10N02E03R002M	420	23.9	-39.2	-9.8	31.8	6.5	22.3	***	15.7	***	4.4	-36.7	17.5	0.2
Upper Sac River	12N01E03R003M	427	29.3	-35.4	14.1	28.7	14.7	23.4	6.4	20.6	-26.7	18.6	-19.5	20.5	-4.6
Upper Sac River	11N02E20K004M	421	33.5	-31.6	25.7	33.4	29.5	32.9	26.8	29.1	20.9	24.4	17.1	28.9	-3.3
Lower Sac River	09N03E33B002M	151	15.7	-35.3	4.8	19.0	3.6	15.0	-2.1	12.9	-4.2	11.4	-9.3	13.4	-0.8
Lower Sac River	10N02E36E001M	401	26.8	9.0	20.4	28.7	19.8	25.8	19.6	23.6	14.1	22.0	9.4	23.8	-1.9
Lower Sac River	08N04E19N001M	428	8.7	-1.3	3.3	11.2	3.5	7.5	2.0	6.9	2.0	7.1	1.4	7.7	-0.2
Putah Creek	08N02E18M002M	170	29.7	1.5	15.5	30.1	23.5	***	13.5	22.5	8.9	14.1	5.5	21.3	-5.2
Putah Creek	08N01W20R005M	229	91.6	36.4	44.7	75.4	60.9	72.0	45.0	59.6	31.2	47.2	26.1	61.9	-22.3
Putah Creek	08N01E17F001M	429	76.0	56.1	63.2	78.5	66.6	***	63.7	64.4	***	***	***	69.8	-4.6

TABLE 7. INTERCONNECTED SURFACE WATERS (LOWER CACHE CREEK) REPRESENTATIVE GROUNDWATER ELEVATIONS

ISW Management Zone	State Well Number	Representative Well Number	Measurable Objective Value	Minimum Threshold Value	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021	Fall 2021	Spring 2022	Fall 2022	Years Below MT Value	5-year Spring Average	Distance to Measurable Objective
Lower Cache Creek	10N01W21J001M	265	132.7	131.6	127.5	137.0	130.6	131.2	129.7	129.3	115.4	124.4	106.1	3.5	133.3	0.5
Lower Cache Creek	10N02W14A001M	275	145.4	143.2	136.0	148.7	138.4	138.8	137.2	134.1	104.8	125.4	91.3	3.5	142.5	-2.9
Lower Cache Creek	10N01W23P001M	424	115.8	116.7	113.4	118.4	***	112.2	111.8	115.7	106.3	114.1	***	2.5	116.1	0.3
Lower Cache Creek	10N01E22H500M	425	61.2	55.1	52.8	65.5	53.1	57.3	54.4	50.1	38.4	***	***	1.5	57.6	-3.5
Lower Cache Creek	10N01W16G500M	426	138.0	132.6	129.6	139.5	133.0	133.0	129.5	130.2	102.7	***	***	1.5	135.2	-2.8

FIGURE 1: YOLO SUBBASIN AVERAGE DEPTH TO WATER



\*DWR has not defined Water Year 2021-2022 yet.

**Average Depth to Water**

Fall 1977: 74.84 feet

Fall 2021: 59.50 feet

Fall 2022: 62.00 feet