

## Notice of Public Meeting

### COORDINATING COMMITTEE REGULAR BUSINESS MEETING

**Date:** Wednesday, May 10, 2022

**Time:** 10:00 – 1:00 PM

**Location:** To be hosted remotely by Napa County – [meeting access information at end of agenda](#)

The meeting will be recorded and available at: [westsideirwm.com](http://westsideirwm.com)

#### AGENDA

1. **Call Meeting to Order and Introductions** – Stevenson (5 min)
2. **\*Approve Consent Agenda** – Stevenson (5 min)
  - a. **Approve Today's Agenda** \*\*To add an item to the agenda, see note below
  - b. **Approve Minutes from the March 8, 2023 virtual meeting**
  - c. **YCRCD Financial Update** – Reza
  - d. **Coordinating Committee Financial Report** – SCWA
3. **\*\*\* Public Comment:** This is time reserved for the public to address the Coordinating Committee on matters not on the agenda (5 min)
4. **Water System CIPs update** – Katie Burdick (10 minutes)
5. **Dunnigan Groundwater Recharge Project update** – Ryan Fulton, LWA (10 min)
6. **DWR Update** – Spier (10 min)
7. **\*Hidden Valley Lake CSD Support Request** – Alyssa Gordon, HVLCSO (10 min)
8. **\*Letter of Support Request** – Angela DePalma Dow (5 min)
9. **\*Selection of Projects for Small Grants awards** – Stevenson and all (45 min)
10. **\*Regional and County-wide Drought Funding update** – Deligiannis (5 min)
11. **\*Consideration of WS IRWM 2023/24 draft Work Plan** – Stevenson and all (20 min)
12. **\*Consideration of WS IRWM 2023/24 budget** – Stevenson and all (15 min)
13. **\*Consideration of YCRCD draft budget for FY 2023/24** – Stevenson and all (15 min)
14. **CC Member and Administrative Coordinator Reports, Regional Activities and Updates** – All (15 min)
15. **Consideration of and planning for an in-person meeting in FY 22/23** – All (5 min)
16. **Confirm Next Meeting Date and Location** – Wednesday, July 12, 2023, 10:00 am, hosted by Solano County.



SOLANO COUNTY  
WATER AGENCY



## 17. Adjourn

\*Indicates Action Item

\*\* Consideration of items not on the posted agenda: items must fit one of the following categories: 1) a majority determination that an emergency (as defined by the Brown Act) exists; or 2) a three-fourths vote by Coordinating Committee members present that the need to take action arose subsequent to the agenda being posted.

\*\*\* Members of the public may address any subject that is not otherwise on the agenda during Public Comment. Reasonable time limits will be imposed.

I declare under penalty of perjury that the foregoing was posted prior to 10 am on May 5, 2023, on the door of the offices of the Lake County Water Resources Dept., Napa County Flood Control, Solano County Water Agency, Yolo County Flood Control and Water Conservation District, and the Yolo County Resource Conservation District.

Max Stevenson, Chair \_\_\_\_\_ Date \_\_\_\_\_

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### Microsoft Teams meeting

**Join on your computer, mobile app or room device**

[Click here to join the meeting](#)

Meeting ID: 299 350 185 78

Passcode: zcFryz

**Or call in (audio only)**

+1 323-591-9484,,924816009# United States, Los Angeles

Phone Conference ID: 924 816 009#

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### IN PERSON MEETING LOCATIONS

#### Lake County

Lake County Courthouse  
Conference Room C  
7000-A South Center Drive  
Clearlake, CA 95422

#### Napa County

Napa County Flood Control and Water Conservation District Office  
River Room  
804 First Street,  
Napa, CA 94558

#### Solano County

Solano County Water Agency  
810 Vaca Valley Parkway, Suite 203  
Vacaville, CA 95688

#### Yolo County

Yolo County Flood Control & Water Conservation District



SOLANO COUNTY  
WATER AGENCY



34274 State Hwy 16  
Woodland, CA 95695



**SOLANO COUNTY**  
**WATER AGENCY**



**COORDINATING COMMITTEE REGULAR BUSINESS MEETING MINUTES**

**Date:** Wednesday, March 8, 2023      **Time:** 10:00 – 12:00  
**Location:** Hybrid meeting; remote hosting by Lake County

**Coordinating Committee Members Attending:**

County		Representative		Alternate
Solano	✓	Max Stevenson, SCWA	✓	Drew Gantner, SCWA
Napa		Chris Silke, NC Flood Control District		Richard Thomasser, NC Flood District
Yolo	✓	Elisa Sabatini, Yolo County Sabrina Snyder, Yolo County	✓	Sarah Leicht, Yolo Subbasin Groundwater Agency
Lake		Marina Deligiannis, Lake County Water Resources Dept.	✓	William Fox, Lake County Water Resources Dept.

**Others present:** Yolanda Garibay, Lake County Special Districts; Matt Pavelchik, State Water Boards; Alyssa Gordon, HLVCSD; Ryan Fulton, LWA; Angela Islas, CivicWell; Tracy Kent-Stone, West Sacramento; Matti Siltanen, DWR; Terre Logsdon, County of Lake; Celia Taylor, City of Woodland; Hannah Davidson; Katie Burdick; Hannah Davidson, HLVCSD; M Cohen, City of Woodland.

**AGENDA**

1. **Call Meeting to Order and Introductions** – Stevenson (5 min) 10:03 A.M.  
Recording capabilities unavailable; introductions all around.
2. **\*Approve Consent Agenda** – Stevenson (5 min)
  - a. **Approve Today’s Agenda** \*\*To add an item to the agenda, see note below
  - b. **Approve Minutes from the January 11, 2023 virtual meeting**
  - c. **YCRCD Financial Update** – Reza
  - d. **Coordinating Committee Financial Report** – SCWA
 Approved: unanimous (Lake, Solano, Yolo)
3. **\*\*\* Public Comment:** This is time reserved for the public to address the Coordinating Committee on matters not on the agenda (5 min)  
No public comment.
4. **\*Consideration of Brown Act: Teleconference, Hybrid or In-person meeting on May 10, 2023.**  
California’s State of Emergency related to the Covid 19 pandemic will end on February 28, 2023. The Coordinating Committee can continue to meet virtually if desired following pre-Covid Brown Act requirements – Stevenson (15 min)  
Discussion: Max Stevenson – virtual meetings make the meetings more accessible to the public. Continue to meet via zoom and assume legislature will make necessary changes to make it easier to zoom. ([Terre.logsdon@lakecountca.gov](mailto:Terre.logsdon@lakecountca.gov))  
Terre Logsdon suggested that quorum needs to be present in a room for public to address. Max Stevenson suggests we continue with the meetings as they have been conducted. Sabrina, will check in with her attorney to see what is supposed to happen.  
Max would like to wait for legislature to fix it.



**SOLANO COUNTY**  
**WATER AGENCY**



Meet in person next time? Hybrid meetings have limited success. In person, Terre – mentioned climate resiliency – would like to see Brown Act meetings be required to be hybrid to minimize VMT. Participation rate is greater with online access.  
William Fox: sentiment of everyone here that all prefer the zoom option.  
Max: propose that each agency go back to their counsel and check to see what the options are and we will go from there. Preference is zoom, but will meet in person if necessary.  
Sabrina: if Lake County would be able to participate remotely.  
CC members to check in with their legal counsel and have a response to Kate by 3/17.  
AB 557, sponsored by CSDA, would extend AB361 if agencies chose to support

**5. Presentation: State Water Board County-wide and Regional Funding Program – Matthew Pavelchik (20 min)**

Mr. Pavelchik provided a presentation which is attached to these minutes.

**6. \*Lake County: proposal for the Westside Sac IRWM CC to apply to the County-wide and Regional Funding Program – William Fox (10 minutes)**

Mr. Fox made a case for a regional proposal to the SWRCB County-wide and Regional Funding Program. Discussion by Max Stevenson: need a fiscal agent. Mr. Fox agreed that a fiscal agent is needed. Sarah can check into whether YSGA could be fiscal sponsor. Asked for a \$ amount. WF: well replacement and repair is largest need in the county. As per Matt: possibility for some \$ to be provided up front (CHECK THIS). Propose for Sarah and William to talk offline and craft details, dollar amounts to give some structure to the proposal. In general, the group supports and traditionally, CC has funded consultant review in the past and it would be a proper use of funds.  
MS: propose; WF second the above. Unanimous.

**7. Dunnigan Groundwater Recharge Project update – Ryan Fulton, LWA (10 min)**

Mr. Fulton provided an update of the project: 90 AF recharge in January, 80 AF recharge in February, expect to be able to recharge using Sac River water this month. Expanding monitoring, working with TNC on tech memo to provide results from fall. Showed video from DWR that highlights Dunnigan Project (<https://water.ca.gov/News/Blog/2023/Jan-23/Capturing-Water-from-Storms-to-Replenish-Groundwater>).  
[https://pixel-ca-dwr.photoshelter.com/search?terms=groundwater&date\\_start=2023-01-18%2000%3A00%3A01%20GMT&date\\_end=2023-01-18%2023%3A59%3A59%20GMT&](https://pixel-ca-dwr.photoshelter.com/search?terms=groundwater&date_start=2023-01-18%2000%3A00%3A01%20GMT&date_end=2023-01-18%2023%3A59%3A59%20GMT&)  
SB 23 is aiming to simplify the permitting process for water projects (from Alyssa Gordon)

**8. DWR Update – Siltanen (10 min)**

Mr. Siltanen went through the DWR update PDF with the group, paying special attention to the highlighted opportunities.

**9. Drought Roundtable Discussion – Intra-region drought & planning update – Stevenson and all (10 min)**

Discussion. Solano: Lake Berryessa; Lake County: great conditions, lots of wells are artesian! Surface water looks great on Clear Lake, doing well from a supply side. Alyssa Gordon have comment on Drought Contingency Plan would like WS IRWM CC meeting, May meeting. Sarah Leicht: Indian Valley Reservoir at 128,000 AF in storage with continued inflow. There will be an irrigation season this year. A couple residents are still waiting for new wells; also recharge through district canals. City of Woodland has been running ASR wells also. Sabrina Snyder: Yolo County in partnership with YCFC are hosting a water awareness forum in May, will distribute info to Kate for distribution to WS lists.

**10. \*Consideration of Small Grants evaluation process – Stevenson and all (10 min)**

Discussion

Extend May meeting? 2.5 or 3 hours to accommodate live scoring? Slightly longer meeting next time.



**SOLANO COUNTY**  
**WATER AGENCY**



Max move to adopt scoring table and have a three-hour meeting in May. SS: second. Unanimous.

**11. CC Member and Administrative Coordinator Reports, Regional Activities and Updates – All (10 min)**

Discussion. Lake County DAC projects for inclusion in annual report. Send last year's annual report to Max toute suite!

**12. Consideration of and planning for an in-person meeting in FY 22/23 – All (10 min)**

Discussion

**13. Confirm Next Meeting Date and Location – Wednesday, May 10, 2023, 10:00 am, hosted by Napa County.**

**14. Adjourn**

Time of adjournment: 12:00

Respectfully submitted, K Reza, Yolo County RCD

Approved by Westside Sacramento IRWM Coordinating Committee, [date](#)

Max Stevenson, Chair \_\_\_\_\_ Date \_\_\_\_\_



**SOLANO COUNTY**  
**WATER AGENCY**



Westside Sacramento IRWM Coordination by YCRCD Budget Overview					
Tasks	Budget				
	7/1/2021	9/30/2022	12/31/2022	3/31/2023	\$ Remaining
<b>1 MEETING FACILITATION AND SUPPORT</b>					
<b>Labor</b>					
Administrative Coordinator	\$30,800.00	-\$5,830.00	-\$3,712.50	-\$4,207.50	\$17,050.00
<b>Labor Total</b>	<b>\$30,800.00</b>	<b>-\$5,830.00</b>	<b>-\$3,712.50</b>	<b>-\$4,207.50</b>	<b>\$17,050.00</b>
<b>Materials</b>					
<b>Materials Total</b>	<b>\$1,515.00</b>			<b>-\$152.36</b>	<b>\$1,362.64</b>
<b>Travel</b>					
mileage	\$589.10				\$589.10
<b>Travel Total</b>	<b>\$589.10</b>				<b>\$589.10</b>
<b>1 MEETING FACILITATION AND SUPPORT Total</b>	<b>\$32,904.10</b>	<b>-\$5,830.00</b>	<b>-\$3,712.50</b>	<b>-\$4,359.86</b>	<b>\$19,001.74</b>
<b>2 PUBLIC OUTREACH</b>					
<b>Labor</b>					
Administrative Coordinator	\$13,200.00	-\$3,052.50	-\$4,042.50	-\$1,567.50	\$4,537.50
<b>Labor Total</b>	<b>\$13,200.00</b>	<b>-\$3,052.50</b>	<b>-\$4,042.50</b>	<b>-\$1,567.50</b>	<b>\$4,537.50</b>
<b>Materials</b>					
IT Support/Computer	\$1,200.00	-\$300.00	-\$300.00	-\$300.00	\$300.00
<b>Materials Total</b>	<b>\$1,200.00</b>	<b>-\$300.00</b>	<b>-\$300.00</b>	<b>-\$300.00</b>	<b>\$300.00</b>
<b>2 PUBLIC OUTREACH Total</b>	<b>\$14,400.00</b>	<b>-\$3,352.50</b>	<b>-\$4,342.50</b>	<b>-\$1,867.50</b>	<b>\$4,837.50</b>
<b>3 DATA MANAGEMENT</b>					
<b>Labor</b>					
Administrative Coordinator	\$15,400.00	-\$3,850.00	-\$3,630.00	-\$3,162.50	\$4,757.50
<b>Labor Total</b>	<b>\$15,400.00</b>	<b>-\$3,850.00</b>	<b>-\$3,630.00</b>	<b>-\$3,162.50</b>	<b>\$4,757.50</b>
<b>3 DATA MANAGEMENT Total</b>	<b>\$15,400.00</b>	<b>-\$3,850.00</b>	<b>-\$3,630.00</b>	<b>-\$3,162.50</b>	<b>\$4,757.50</b>
<b>4 OTHER DUTIES AS NEEDED TO SUPPORT THE CC</b>					
<b>Labor</b>					
Administrative Coordinator	\$15,180.00	-\$4,180.00	-\$2,695.00	-\$4,620.00	\$3,685.00
<b>Labor Total</b>	<b>\$15,180.00</b>	<b>-\$4,180.00</b>	<b>-\$2,695.00</b>	<b>-\$4,620.00</b>	<b>\$3,685.00</b>
<b>Travel</b>					
mileage	\$163.22				\$163.22
<b>Travel Total</b>	<b>\$163.22</b>				<b>\$163.22</b>
<b>4 OTHER DUTIES AS NEEDED TO SUPPORT THE CC Total</b>	<b>\$15,343.22</b>	<b>-\$4,180.00</b>	<b>-\$2,695.00</b>	<b>-\$4,620.00</b>	<b>\$3,848.22</b>
<b>5 ADMINISTRATION</b>					
<b>Administration</b>					
Administration (15% on non-personnel)	\$520.10	-\$45.00	-\$45.00	-\$67.85	\$362.25
<b>Administration Total</b>	<b>\$520.10</b>	<b>-\$45.00</b>	<b>-\$45.00</b>	<b>-\$67.85</b>	<b>\$362.25</b>
<b>5 ADMINISTRATION Total</b>	<b>\$520.10</b>	<b>-\$45.00</b>	<b>-\$45.00</b>	<b>-\$67.85</b>	<b>\$362.25</b>
<b>\$ Remaining</b>	<b>\$78,567.42</b>	<b>-\$17,257.50</b>	<b>-\$14,425.00</b>	<b>-\$14,077.71</b>	<b>\$32,807.21</b>

2.d. SCWA Financial Update

SCHEDULE OF DEPOSITS RECEIVED - WESTSIDE IRWMP  
2110SC

Solano County Water Agency

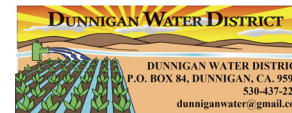
DEPOSIT			SOLANO	LAKE	NAPA	WATER	
DATE	Contributions		COUNTY	COUNTY	COUNTY	RESOURCES	
			WATER	WATER	PUBLIC	ASSOC OF	
			AGENCY	RESOURCES	WORKS	YOLO	Total
10/1/22	IRWMP BY 2022/2023	PREPAYMENT OF OPERATING BUDGET FOR ADMINISTRATION OF WESTSIDE IRWMP BY 2022-23	64,500.00	21,500.00	21,500.00	21,500.00	64,500.00
		<b>Total Contributions</b>	<b>64,500.00</b>	<b>21,500.00</b>	<b>21,500.00</b>	<b>21,500.00</b>	<b>0.00</b>
		Rollover amount					<b>111,419.39</b>
		<b>Total Available</b>					<b>175,919.39</b>

INVOICE		Expenditures	INVOICE				
DATE	INVOICE		AMOUNT				
8/10/22	ROR23-12	SANTA ANA WATERSHED PROJECT AU - NETWORK COORDINATOR FOR THE CA IRWM	1,500.00	375.00	375.00	375.00	1,500.00
10/4/22	36	ROUNDTABLE OF REGIONS CONTRACT	17,257.50	4,314.38	4,314.38	4,314.38	17,257.50
1/4/23	37	YOLO COUNTY RCD - WESTSIDE SAC IRWMP ADMIN OCT - DEC 2022	14,425.00	3,606.25	3,606.25	3,606.25	14,425.00
2/22/23	38	YOLO COUNTY RCD - WESTSIDE SAC IRWMP ADMIN JAN 2023	4,790.00	1,197.50	1,197.50	1,197.50	4,790.00
3/13/23	DS08-39	YOLO COUNTY RCD - WESTSIDE SAC IRWMP ADMIN FEB 2023	3,112.50	778.13	778.13	778.13	3,112.50
				0.00			-
				0.00			-
				0.00			-
				0.00			-
							-
							-
		<b>Total Expenditures</b>	<b>41,085.00</b>	<b>10,271.25</b>	<b>10,271.25</b>	<b>10,271.25</b>	<b>10,271.25</b>
		<b>REMAINING BALANCE</b>	<b>134,834.39</b>				



# Dunnigan Area Groundwater Recharge Demonstration and Pilot Project

Prepared by Larry Walker Associates  
May 2023



# Outline

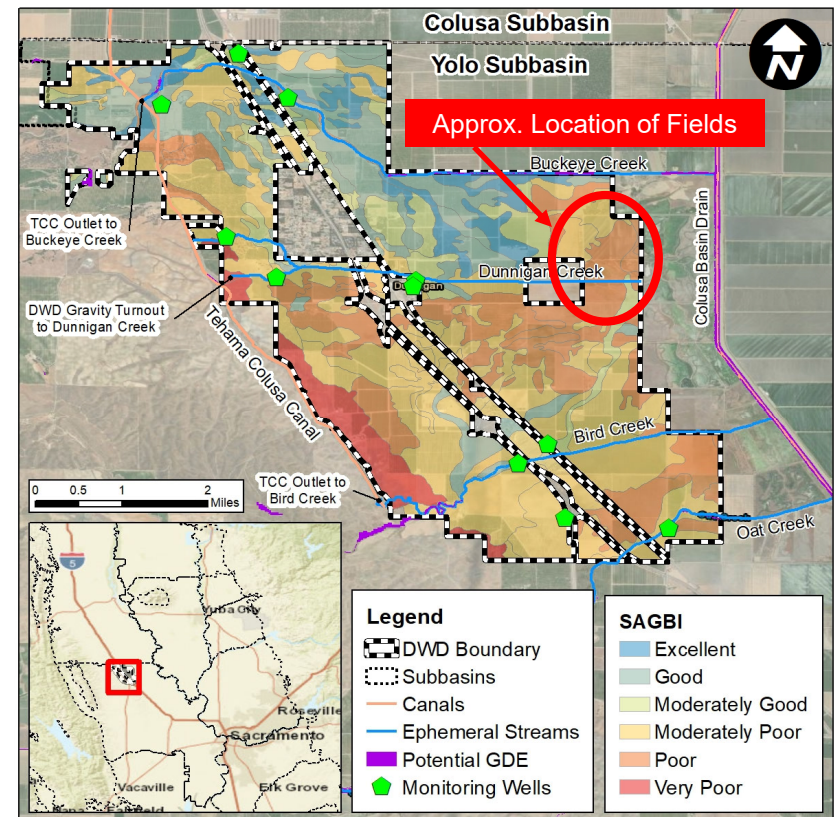
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- Project Area and Description
- Recharge Summary
- Groundwater Dashboard
- Baseline Subsidence
- Questions



# Project Area and Description

- Will divert surface water from the Tehama-Colusa Canal to ephemeral streams and agricultural fields
- ~200 acres of agricultural lands enrolled in TNC's multi-benefit recharge program
- Ephemeral streams include Buckeye Creek, Dunnigan Creek, Bird Creek (west of I-5), and lower Oat Creek

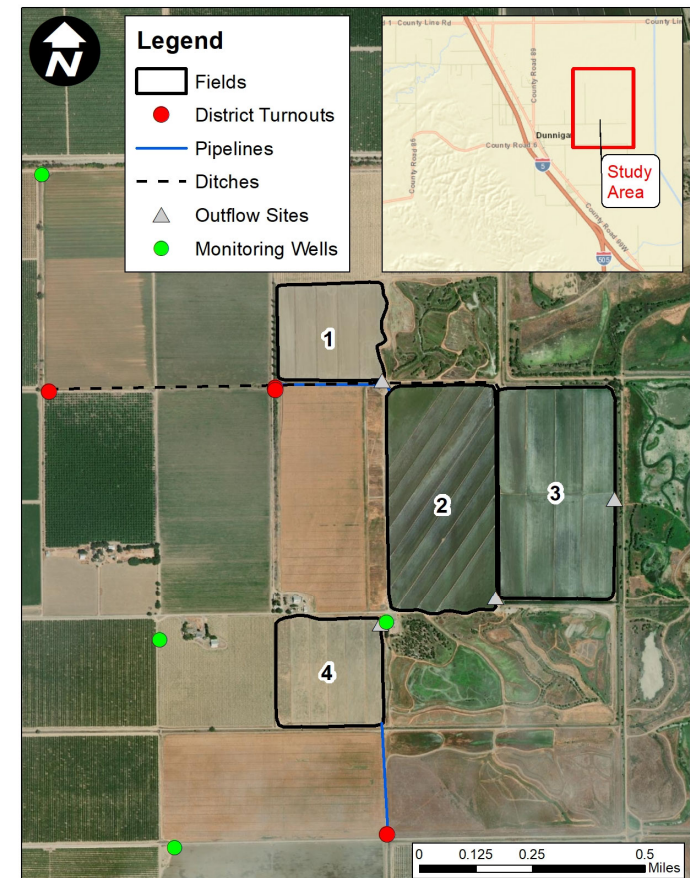


Note:  
 SAGBI = Soil Agricultural Groundwater Banking Index  
 GDE = Groundwater Dependent Ecosystem (based on DWR's Natural Communities dataset)

# Recharge Summary

- Purchased surface water from senior water right holders between October 28<sup>th</sup> and November 6<sup>th</sup>; applied ~300 AF
- Diverted ~90 AF between January 5<sup>th</sup> to January 16<sup>th</sup> using stormwater runoff from lands adjacent to the Tehama-Colusa Canal
- From February 9<sup>th</sup> through April 30<sup>th</sup>, diverted Section 215 water from the Sacramento River; applied ~1200 AF.
- Draft technical memorandum summarizing Fall 2022 results available for review (TM will be updated to include results through April 2023).

\*\*About 90% of the water applied in the Fall of 2022 provided groundwater recharge.





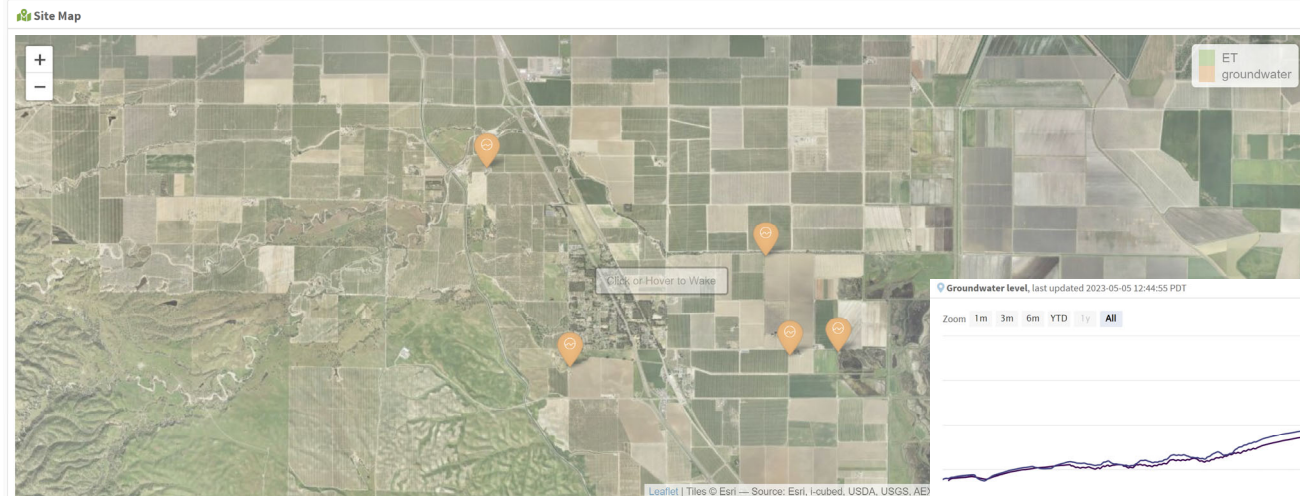
# Stakeholder Data Portal

Stakeholder Data Portal Overview Groundwater Rain SC ET Data

Overview  
These data summarize the 24 hr period ending: 2023-05-05 10:00:00. Data are provisional, subject to change.

**-65.44 ft**  
Groundwater level (ft BLS, daily average)

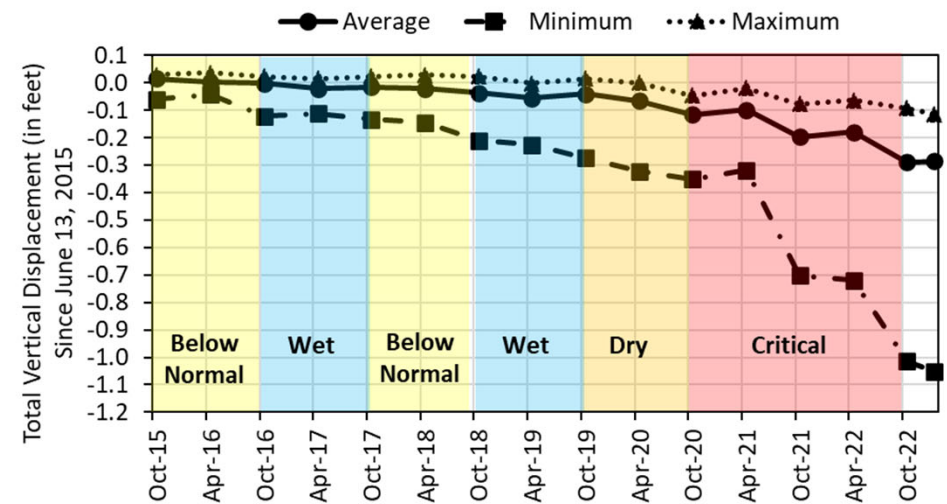
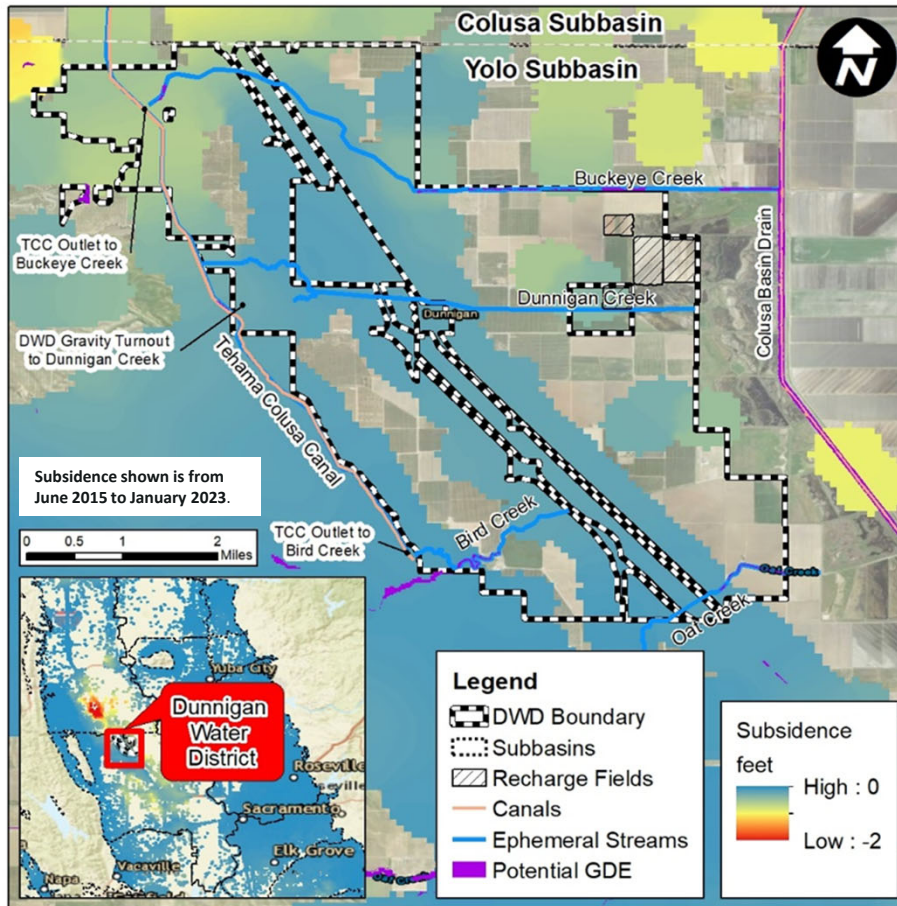
**765.83  $\mu$ S**  
Electrical conductivity ( $\mu$ S, daily average)



- Total number of monitoring wells: 10
- Installed: 5
- Remaining: 5 (to be installed within the next 1 or 2 months)

These data are provisional and subject to change. Values may be summarized to hourly or daily frequency, but 15 minute frequency data is always available via download in the [Data tab](#).

# Subsidence





# Project Publicity

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- Department of Water Resources
  - <https://water.ca.gov/News/Blog/2023/Jan-23/Capturing-Water-from-Storms-to-Replenish-Groundwater>
- Los Angeles Times
  - <https://www.latimes.com/environment/story/2023-03-21/california-looks-to-farmland-to-recharge-groundwater>
- Governor Newsom
  - <https://www.gov.ca.gov/2023/03/24/governor-newsom-eases-drought-restrictions/>

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Questions??





**May 2023 DWR Updates (from DWR's North Central Region Office)****Grants****California Grants Portal**

The California State Library, in partnership with the Department of Water Resources and other state grantmaking agencies, has launched the California Grants Portal – your one destination to find all state grant and loan opportunities provided on a first-come or competitive basis. Visit [grants.ca.gov](https://grants.ca.gov) to find funding opportunities for you and your community.

**State Water Efficiency and Enhancement Program (SWEEP) – Block Grant Pilot**

Awardees of the program will: 1) provide technical assistance to farmers in development and implementation of irrigation projects, 2) identify on-farm projects for financial support and disburse funds, 3) Support and verify on-farm project implementation, 4) provide reporting and invoicing. The minimum award is \$2 million, the maximum award is \$5 million. Awardees will prioritize socially disadvantaged farmers and ranchers (as defined by the Farm Equity Act of 2017) for technical assistance and financial support. Total funding available is \$40 million, no match required and advanced funding available under certain circumstances. **Applications are due 6/19/23 at 5pm.** [More information here.](#) Sustainable Agricultural Lands Conservation Program also has grant programs open for [Agricultural Conservation](#), [Capacity and Project Development](#), and [Land Use Planning Grants](#).

**SB552: DWR's County Drought Resilience Planning Assistance** for state small water system and domestic wells **DWR will provide financial or direct technical assistance to counties (up to \$125,000)** for developing their County Drought Resilience Plan per SB 552 to provide needed water shortage protection and emergency response for state small water systems and domestic wells. A webinar kicking off the availability of these assistance opportunities was held March 16. A recording of the presentation will be available shortly, but [applications and additional information can also be found here](#). For questions, email [CountyDRP@water.ca.gov](mailto:CountyDRP@water.ca.gov) or call Julie Ekstrom at 916-612-4371. **Applications are being accepted now through December 29, 2023.**

**ICARP: Regional Resilience Grant Program**

The ICARP [Regional Resilience Grant Program](#) (RRGP) is pleased to invite responses to key surveys that mark the beginning of the application process for RRGF funding: the [Intent to Apply Survey and the Request for Help Survey](#). This program funds regional climate resilience efforts, including identifying climate resilience priorities, building capacity, and implementing projects, that respond to a region's greatest climate risks. **The first step in applying to RRGF's funding is filling out the Intent to Apply Survey.** The RRGF application will be available Wednesday, April 26, 2023. Applicants interested in applying for the RRGF but not ready to submit the Intent to Apply Survey may reach out to RRGF staff for help through the Request for Help Survey or by emailing [icarp.grants@opr.ca.gov](mailto:icarp.grants@opr.ca.gov).

**California Financing Coordinating Committee's Spring 2023 Funding Fairs**

Representatives from 14 local, state, and federal agencies will provide information about funding opportunities, and will be available to answer questions about your projects.

Funding fairs will be held on: **May 4, 9am-2pm (Virtual), May 16, 9am-2pm (Virtual), and May 25, 9am-2pm** (Hybrid, pending a location in Sacramento with hybrid capabilities. If you have a location, please let CFCC know.) [Visit the California Financing Coordinating Committee's website to register for the Zoom link.](#)

**Water tank program for dry wells**

DWR in partnership with CalOES, DGS, and Water Boards has a new tank program for domestic wells that have gone dry. Eligible Applicants Include: public agencies, public utilities, special districts, colleges and universities, mutual water companies, nonprofit organizations, federally recognized tribes and state tribes listed on the NAHC's consultation list. Under the program, 2,500 gallon tanks are pre-purchased by DWR. The program includes funding for the tanks to be delivered to residence and connected to their existing plumbing with a small pump, and for water hauling to fill the tanks to meet basic health and sanitation needs. For more information contact: [smallcommunitydrought@water.ca.gov](mailto:smallcommunitydrought@water.ca.gov) or Alena Misaghi at (559) 230-3309.

## May 2023 DWR Updates (from DWR's North Central Region Office)

Other state & federal grant websites for resources that may be helpful are:

- California Financing Coordinating Committee -- <https://cfcc.ca.gov/>, and
- CalOES grants -- <https://www.caloes.ca.gov/cal-oes-divisions/grants-management>
- US EPA -- <https://www.epa.gov/grants/specific-epa-grant-programs>, and
- Economic Development Administration -- <https://eda.gov/funding-opportunities/>

### Upcoming conferences, webinars, new reports and data

#### CA Water Plan: Resource Management Strategy Workshops

The [California Water Plan](#) describes and updates a broad set of [resource management strategies](#) (RMSs) that help local agencies and governments manage their water and related resources. Every RMS can be a technique, program, or policy that can be used to meet water-related management needs of a region and the state as a whole. The first workshop will collect public input on the draft Watershed Management RMS will be held [April 27 from 1-3pm, online only](#). Other RMS workshops will cover [reservoir reoperation \(May 3\)](#), [urban water use efficiency \(May 9\)](#), and [desalination \(May 18\)](#). Please use the links to register for these webinars in advance. A water balance data webinar will be held May 3<sup>rd</sup> from 1:30-4pm, [registration here](#).

#### Executive Order N-4-23: Streamlining Recharge Using Floodwater

On March 10, 2023, Governor Newsom signed Executive Order N-4-23, which set forth the conditions under which water users may capture and divert floodwater for groundwater recharge – temporarily lifting regulations and setting clear conditions for diverting flood stage water without state permits to boost groundwater recharge storage. The Executive Order suspends certain regulatory requirements under conditions of imminent risk of flooding during this Spring's runoff months until June 1, 2023. For more information a [press release](#), [the EO](#), and an [overview fact sheet](#) can be seen here. A joint webinar hosted by DWR, SWRCB, and CDFW was held Thursday March 23, 2023 from 1-2:30 pm, [recording available here](#). [SWRCB reporting page](#) and for other data information and mapping resource tutorials, please visit the [DWR webpage](#).

#### DWR Releases the Latest California's Groundwater Conditions, Semi-Annual Update

DWR has released the latest version of [California's Groundwater Conditions, Semi-Annual Update: March, 2023](#). This update provides information on statewide groundwater levels, land subsidence, and well infrastructure, including dry well reporting, and summarizes the effects of the current and historical drought periods on California's groundwater conditions. For the first time, this Semi-Annual Update takes a look at groundwater extraction and change in storage data submitted to DWR in annual reports as part of ongoing efforts to manage groundwater basins under SGMA.

#### California's Water Supply Strategy: Adapting to a Hotter, Drier Future

August 11, 2022 Governor Newsom announced a new strategic document to manage water in the face of a projected 10% reduction in supplies over the next 20 years. The strategy calls for investing in new sources of water supply, accelerating projects and modernizing how the state manages water through new technology to increase water supply and adapt to more extreme weather patterns caused by climate change. The [full strategy document](#) can be found here and a [press release here](#).

[Under this directive DWR is partnering with SWRCB to fast-track efforts to capture flood waters to recharge groundwater basins](#). The State's efforts reached a milestone January 6 when the State Water Board approved a six-month permit that will enable multiple landowners to divert excess flows from Mariposa creek near the City of Merced to recharge a key groundwater basin. The Merced Project permit, the first approved under a new pilot regulatory assistance program, is expected to pave the way for future projects to allow water from wet-weather storms to be captured and diverted. The permit application authorizes multiple diversions by multiple landowners of up to 10,000 acre-feet of water from the creek during periods of high flows that would otherwise likely flow through the system. Currently there are five applications pending, with two more projected to be approved next

## May 2023 DWR Updates (from DWR's North Central Region Office)

week. The remaining three are going through a public noticing process. [A fact sheet on DWR Regulatory Assistance: Temporary Water Rights for Groundwater Recharge can be found here.](#)

### FREE Leak Detection Surveys for Small Water Systems

Protecting California's water supply is more important than ever as we brace for another year of drought conditions. The California Rural Water Association (CRWA), in partnership with the Department of Water Resources, is offering FREE leak detection surveys for small water systems. **If you are a small (including Tribal) water system with 3,000 connections or less, sign up for a free leak detection survey today! Please contact Luis Carmona at: [lcarmona@calruralwater.org](mailto:lcarmona@calruralwater.org) or 916-283-8509 x109 to get started.**

### Executive Order N-7-22

On March 28, 2022 Governor Newsom signed [Executive Order N-7-22](#), which **included new well permitting requirements (Action 9) as well as CEQA exemptions and permit streamlining for FloodMAR projects (Action 13)**. The materials including a fact sheets, recording and presentation materials from the April 13th and a self-certification form for the CEQA waiver are now posted on DWR's Drought Webpage, under the 'Drought Well Permitting Requirements' and the 'CEQA Suspension on Groundwater Recharge Projects' accordion dropdowns: <https://water.ca.gov/water-basics/drought>. This EO has been slightly modified in 2023 and the updated [EO-N-3-23](#) which includes the opportunity to send recommendations for further drought related actions and views on existing actions to the governor no later than April 28, 2023.

### DWR's Climate Change Program Resources

DWR's Climate change program has lots of initiatives including resources for water managers. Check out their [webpage](#) and [factsheet](#) here.

### California's Groundwater Live: Up-to-date data on groundwater conditions, well installations and subsidence

The Department of Water Resources (DWR) released the final [California's Groundwater – Update 2020 \(Bulletin-118\)](#), containing information on the condition of the State's groundwater, DWR has also developed a companion web-based application called [California's Groundwater Live](#) (CalGW Live), leveraging the [California Natural Resources Agency Open Data Platform](#) (Open Data) to improve the access and timeliness of statewide groundwater information. The easy-to-use interface will make many of the data sets used in CalGW Update 2020 available in an interactive map format that will be updated regularly for viewing and downloading. For more information, visit the updated [California's Groundwater website](#) Contact: [CalGW@water.ca.gov](mailto:CalGW@water.ca.gov).

### OpenET makes tracking water use data easier with satellite data

A space-based tool is ready to help track water in the western U.S. Using data from satellites, [Open Evapotranspiration](#) (OpenET) gives farmers and other water users information on how much of their water loss ends up as evapotranspiration. The OpenET data are available for 17 western states, including the Colorado River basin area.

## **SGMA & Drought**

### Update Your GSA and GSP Manager Point of Contact Information in DWR's SGMA Portal

If your GSA and/or GSP Plan Manager Point of Contact (POC) is not current, or you are not sure, please visit the SGMA Portal to ensure that your contact information is up-to-date. When logged in, the Portal allows edits to be made to previously submitted contact information. If you have SGMA Portal questions, please email them to: [GSPSubmittal@water.ca.gov](mailto:GSPSubmittal@water.ca.gov).

## **DWR Releases 'Drinking Water Well Impacts' Guidance and 'Water Shortage Planning' Brochure**

April 7, 2023: DWR released the [Considerations for Identifying and Addressing Drinking Water Well Impacts](#) guidance document and technical assistance. This guidance document supports GSAs to fully consider and appropriately address potential impacts to drinking water well users during SGMA implementation. There is an

## May 2023 DWR Updates (from DWR's North Central Region Office)

[online accompanying toolkit](#). The Department also released a brochure, called [Alignment and Coordination: Water Shortage Planning](#) for Rural Communities and Sustainable Groundwater Management. This brochure encourages voluntary collaboration between counties and GSAs as they coordinate their respective responsibilities for drought and water shortage planning efforts, for rural communities under Senate Bill 552, and the long-term sustainability goals of groundwater basins under SGMA.

### DWR Releases GSP Determinations for 12 non-Critically Overdrafted Basins

4/27/23: DWR released 12 assessments of GSPs developed by local agencies to meet the requirements of the SGMA. Today's release includes the approval of GSPs for the following basins: Shasta Valley and Scott River Valley Basins in Siskiyou County; Big Valley Basin in Lake County; East Side Aquifer, Forebay Aquifer, Langley Area, Monterey, and Upper Valley Aquifer Subbasins in Monterey County; San Luis Obispo Valley Basin in San Luis Obispo County; Santa Margarita Basin in Santa Cruz County; Upper Ventura River Subbasin in Ventura County; and San Jacinto Basin in Riverside County. The assessments can be viewed on [the SGMA Portal](#). These plans are approved with recommended corrective actions that will need to be address in the next plan update, due in January 2027

### Groundwater platform announces expanding list of partners

A coalition of organizations and State agencies have announced [expansion in the number of partners](#) in for the [Groundwater Accounting Platform](#). The platform was initially developed in partnership with the Rosedale-Rio Bravo Water District. Now the platform is adding three new pilot project partners from Merced, Santa Cruz, and Yolo counties. Information from the platform is designed to help groundwater agencies with efforts to prevent dry wells and water supply shortages.

### SB552: DWR's Water Shortage Vulnerability Scoring and Tool

As part of its technical assistance to support SB 552 implementation, DWR developed the [Water Shortage Vulnerability Scoring and Tool](#) to provide the foundational data and information statewide to counties for their water shortage risk assessment.

### Dry Well Susceptibility Map

The DWR, in coordination with the State Water Resources Control Board, has developed an interactive mapping tool, called the Dry Well Susceptibility Tool. This tool identifies areas within groundwater basins that may be prone to water supply shortages in drinking water wells. State and local agencies and well owners can use this tool to anticipate where wells may go dry based on historical conditions to inform drought preparedness decision-making. To use this tool, navigate to [California's Groundwater Live website](#) and click the [Dry Domestic Well Susceptibility tab](#). A fact sheet on this tool, as well as DWR's Dry Well Reporting System, [is available here](#).

### Dry Well Reporting Site

There is a website available to [report private wells going dry](#). Information reported to this site is intended to inform state and local agencies on drought impacts on household water supplies. The data reported on this site (excluding personal identifiable information) can be viewed on the [SGMA data viewer](#) or downloaded on the [CNRA Atlas](#). Individuals or local agencies can report water shortages and [a list of resources](#) are included on the [webpage](#). The reporting forms are available in both English and Spanish. Local agencies can now sign up to receive notifications of any dry wells reported in their area. To sign up please email [sgmps@water.ca.gov](mailto:sgmps@water.ca.gov).

### DWR is developing eight Proposition 68-funded technical projects

Fact sheets on each project can be viewed under the "Prop 68" tab [here](#).

- [AEM webpage](#) contains information on the how the process works, safety, schedule, data submission by GSAs, TAC, pilot study data and more. Public webinar was held **June 8<sup>th</sup> 12:00 – 1:00**, a [recording can be viewed here](#) and [handouts can be downloaded here](#). Draft Airborne Electromagnetic (AEM) resistivity **data for the entire Central Valley have been published** on the [California Natural Resources Agency](#)

## May 2023 DWR Updates (from DWR's North Central Region Office)

[Open Data Portal](#). The dataset can also be viewed online on the [AEM Data Viewer](#). DWR's AEM surveys will continue this Spring. Visit the AEM Survey Schedule webpage for more information on the tentative data publication dates.

- **2020 Statewide Crop Mapping data** was released in March of 2023 and includes multi-cropping information. The 2020 final and 2021 provisional datasets includes agricultural land use and urban boundaries for all 58 counties in California. The data can now be accessed at the following locations: [CA DWR Land Use Viewer](#) (viewing and downloading); [CNRA Webpage](#) (viewing and downloading); on the [SGMA Data Viewer](#) (viewing) and the [California State Geoportal](#) (viewing and downloading).
- **InSAR subsidence data** is now available through October 1 of 2022 and can now be viewed on the [SGMA data viewer](#). The updated GIS services and data reports are also available [online](#). Future data will be released on a quarterly basis.

### Facilitation Support Services (FSS): Funding still available

- GSA's developing GSPs are eligible to receive funding for identification and engagement of interested parties, meeting facilitation, interest-based negotiation/consensus building, and public outreach facilitation
- More information [can be found here](#). Written translation services available in 8 languages for outreach materials (5,000 word maximum).

7. Hidden Valley Lake CSD Water Shortage Plan  
support request

# Water Shortage Contingency Plan



# About the Plan

- Identifies what will be done in the event of a water shortage.
- SB 552: Drought planning for small water suppliers.
- Update every 5 years.

# Event Criteria

- Infrastructure-related water outages
- Drought conditions
  - Rainfall
  - Static well level
  - Well recharge rate
- Water contamination

Water Rate Schedule	Current Rates ('20/21)	Proposed Drought Water Rates				
		FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	2024/25
<b>Fixed Service Charge</b>						
Monthly Fixed Service Charge: <i>(Same as Non-Drought Fixed Service Charges)</i>						
<b>Commodity Charges for All Water Consumed per hundred cubic feet (HCF)</b>						
<b>All Customer Classes:</b>						
Drought Stage 1	\$3.35	\$3.86	\$4.32	\$4.84	\$5.28	\$5.75
Drought Stage 2	\$3.75	\$4.38	\$4.90	\$5.49	\$5.99	\$6.52
Drought Stage 3	\$4.02	\$5.04	\$5.65	\$6.33	\$6.90	\$7.52
Drought Stage 4	\$4.47	\$5.93	\$6.64	\$7.44	\$8.11	\$8.84



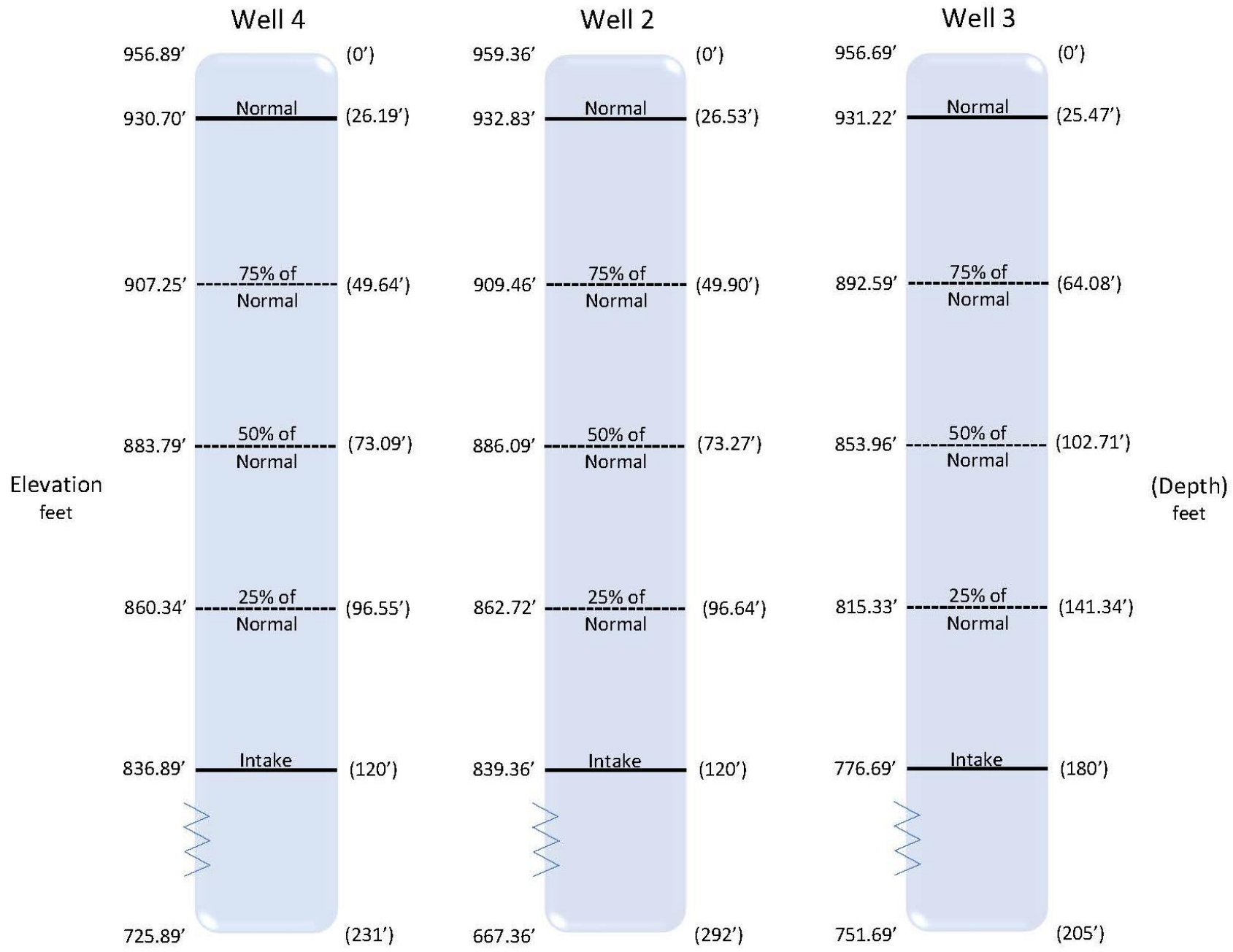
Response Stage	Event	Trigger	Response Action	Termination Action
<b>Stage 1</b> Warning	Anticipated drought conditions.	Lack of or projected lack of normal precipitation levels (<18") <sup>2</sup> .	Encourage drought-tolerant landscaping and water conservation.	Return to normal precipitation.
<b>Stage 2</b> Potential	Minor water supply interruption.  Well static level: 75% of normal  Well recharge rates: 94% ≥ x ≥ 90%	Minor water outage due to minor distribution equipment failure and/or small power outages.  Below normal precipitation levels (<18") and/or well static level at 75% of normal and/or well recharge rates between 94% - 90%.	Encourage customers to limit water use for health and sanitation purposes only.  Implement Drought Stage 1 rates; launch water conservation campaign.	Break is repaired and/or power is restored.  Return to normal precipitation and/or normal or above 75% of normal well static level and/or normal well recharge rates.
<b>Stage 3</b> Moderate	Serious/prolonged water supply interruption.  Well static level: 74% ≥ x ≥ 50% of normal  Well recharge rates: 89% ≥ x ≥ 75%	Serious water outage due to distribution equipment failure and/or power outages.  Below normal precipitation levels (<18") and/or well static level between 74% - 50% of normal and/or well recharge rates between 89% - 75%.	Require customers to limit water use for health and sanitation purposes only.  Implement Drought Stage 2 rates; launch/continue water conservation campaign; limit outdoor water use by 25%.	Outage is repaired or a backup water supply has been provided and/or power is restored.  Return to normal precipitation and/or normal or above 74% of normal well static level and/or normal or above 89% well recharge rates.
<b>Stage 4</b> Critical	Severe water supply interruption.  Well static level: 49% ≥ x ≥ 25% of normal  Well recharge rates: 74% ≥ x ≥ 60%	Severe water outage due to general equipment failure and/or damage to a water tank and/or power outages.  Below normal precipitation levels (<18") and/or well static level between 49% - 25% of normal and/or well recharge rates between 74% - 60%.	Restrict water usage by 25% and limit use for health and sanitation purposes only.  Implement Drought Stage 3 rates; launch/continue water conservation campaign; limit outdoor water use by 50%.	Outage is repaired or mostly repaired and/or power is restored.  Return to normal precipitation and/or normal or above 49% of normal well static level and/or normal or above 74% well recharge rates.
<b>Stage 5</b> Emergency	Complete water interruption.  Water contamination.  Well static level: < 25%  Well recharge rates: < 60%	<u>Well</u> /pump failure and/or major tank/transmission main failure and/or severe power outage.  Well and/or distribution system contamination.  Below normal precipitation levels (<18") and/or well static level below 25% and/or well recharge rates below 60%.	Provide backup water source and restrict use for health and sanitation purposes only. Reduce as much usage as possible.  Distribute health advisories; may prohibit use completely.  Implement Drought Stage 4 rates; launch/continue water conservation campaign; restrict outdoor water use completely.	Interruption is repaired or a backup water supply has been provided and/or power is restored.  Health advisory lifted by SWRCB.  Return to normal precipitation and/or normal or above 24% of normal well static level and/or normal or above 59% well recharge rates.

# Stage 1 – Warning

Event	Trigger	Response Action	Termination Action
Anticipated drought conditions.	Lack of or projected lack of normal precipitation levels (<18”).	Encourage drought-tolerant landscaping and water conservation.	Return to normal precipitation.

# Stage 2 – Potential

Event	Trigger	Response Action	Termination Action
<p>Minor water supply interruption.</p> <p>Well static level: 75% of normal</p> <p>Well recharge rates: <math>94\% \geq x \geq 90\%</math></p>	<p>Minor water outage due to minor distribution equipment failure and/or small power outages.</p> <p>Below normal precipitation levels (&lt;18") and/or well static level at 75% of normal and/or well recharge rates between 94% - 90%.</p>	<p>Encourage customers to limit water use for health and sanitation purposes only.</p> <p>Implement Drought Stage 1 rates; launch water conservation campaign.</p>	<p>Break is repaired and/or power is restored.</p> <p>Return to normal precipitation and/or normal or above 75% of normal well static level and/or normal well recharge rates.</p>



# Stage 2 – Potential

Event	Trigger	Response Action	Termination Action
<p>Minor water supply interruption.</p> <p>Well static level: 75% of normal</p> <p>Well recharge rates: <math>94\% \geq x \geq 90\%</math></p>	<p>Minor water outage due to minor distribution equipment failure and/or small power outages.</p> <p>Below normal precipitation levels (&lt;18") and/or well static level at 75% of normal and/or well recharge rates between 94% - 90%.</p>	<p>Encourage customers to limit water use for health and sanitation purposes only.</p> <p>Implement Drought Stage 1 rates; launch water conservation campaign.</p>	<p>Break is repaired and/or power is restored.</p> <p>Return to normal precipitation and/or normal or above 75% of normal well static level and/or normal well recharge rates.</p>

# Stage 3 – Moderate

Event	Trigger	Response Action	Termination Action
<p>Serious/prolonged water supply interruption.</p> <p>Well static level: 74% ≥ x ≥ 50% of normal</p> <p>Well recharge rates: 89% ≥ x ≥ 75%</p>	<p>Serious water outage due to distribution equipment failure and/or power outages.</p> <p>Below normal precipitation levels (&lt;18”) and/or well static level between 74% - 50% of normal and/or well recharge rates between 89% - 75%.</p>	<p>Require customers to limit water use for health and sanitation purposes only.</p> <p>Implement Drought Stage 2 rates; launch/continue water conservation campaign; limit outdoor water use by 25%.</p>	<p>Outage is repaired or a backup water supply has been provided and/or power is restored.</p> <p>Return to normal precipitation and/or normal or above 74% of normal well static level and/or normal or above 89% well recharge rates.</p>

# Stage 4 – Critical

Event	Trigger	Response Action	Termination Action
<p>Severe water supply interruption.</p> <p>Well static level: 49% ≥ x ≥ 25% of normal</p> <p>Well recharge rates: 74% ≥ x ≥ 60%</p>	<p>Severe water outage due to general equipment failure and/or damage to a water tank and/or power outages.</p> <p>Below normal precipitation levels (&lt;18”) and/or well static level between 49% - 25% of normal and/or well recharge rates between 74% - 60%.</p>	<p>Restrict water usage by 25% and limit use for health and sanitation purposes only.</p> <p>Implement Drought Stage 3 rates; launch/continue water conservation campaign; limit outdoor water use by 50%.</p>	<p>Outage is repaired or mostly repaired and/or power is restored.</p> <p>Return to normal precipitation and/or normal or above 49% of normal well static level and/or normal or above 74% well recharge rates.</p>

# Stage 5 – Emergency

Event	Trigger	Response Action	Termination Action
<p>Complete water interruption.</p> <p>Water contamination.</p> <p>Well static level: &lt;25%</p> <p>Well recharge rates: &lt; 60%</p>	<p>Well/pump failure and/or major tank/transmission main failure and/or severe power outage.</p> <p>Well and/or distribution system contamination.</p> <p>Below normal precipitation levels (&lt;18”) and/or well static level below 25% and/or well recharge rates below 60%.</p>	<p>Provide backup water source and restrict use for health and sanitation purposes only. Reduce as much usage as possible.</p> <p>Distribute health advisories; may prohibit use completely.</p> <p>Implement Drought Stage 4 rates; launch/continue water conservation campaign; restrict outdoor water use completely.</p>	<p>Interruption is repaired or a backup water supply has been provided and/or power is restored.</p> <p>Health advisory lifted by SWRCB.</p> <p>Return to normal precipitation and/or normal or above 24% of normal well static level and/or normal or above 59% well recharge rates.</p>



# How is a Response Stage Initiated?

- Under the discretion of the Board of Directors.
- General Manager may have discretion under an emergency outage.
- Drought water rates are implemented by the Board of Directors.

# Enforcement

- Each day 1+ provisions are violated are considered a separate offense.
- Repeat violators may be subject to discontinuation.
  - \$135 = disconnection (\$45) + reconnection fee (\$45) + lock fee (\$45)
- Violators have the right to refute accusation(s).

<IRWM Westside logo and info here >

## 8. Lake County LOS request

**May 10<sup>th</sup>, 2023**

Attn: Stephanie Pardell & Cara Rodrick  
California State Parks  
Division of Boating and Waterways  
Aquatic Invasive Species Branch/QZ Prevention  
One Capital Mall, Suite 500  
Sacramento, CA 95814

**Subject:** Westside Sacramento Integrated Regional Water Management support for the application of the Lake County Quagga and Zebra Invasive Mussel Program for year 2023/2024

Dear Ms. Pardell and Ms. Rodrick,

On behalf of the **Coordinating members of the West side IRWM group, comprised of agencies from Lake County, Napa County, Solano County, and Yolo County**, we write today to support the grant application for the Lake County Quagga and Zebra Invasive Mussel Program (Program) by the Lake County Watershed Protection District to the California State Parks Division of Boating and Waterways.

IRWM groups are unique in that they are a collective of agencies that manage water resources that cross arbitrary boundaries like counties and city lines, and focus on the watershed. **The Westside IRWM group is focused on the Upper Cache Creek Watershed and the Putah Creek Watershed that connect and flows together to the Delta.** Due to the aquatic connectivity that the IRWM region shares, it's important to all Westside members that the waters within the region remain mussel-free.

Lake County's Clear Lake is at the headwaters of the Upper Cache Creek Watershed, meaning that an invasive mussel introduction in that water body would increase the probability of an infestation throughout the rest of the watershed and impair ability of Westside members to manage water resources in our region, including valuable infrastructure such as dams and irrigation systems that support agriculture and drinking water in the Central Valley to the Delta. **The future of the Westside IRWM region, for sustainable and manageable water resources, depends on Clear Lake remaining mussel-free.**

**Members of the Westside IRWM appreciate the past prevention efforts the Division of Boating and Waterways has provided Lake County, and Solano County Water Agency (SCWA), a IRWM member.** IRWM small grants provided for the obtainment of a Lake County-SCWA shared educational Mussel Boat (CDFW Dreissenid Mussel Permit#0003) and considers Lake County as an innovative waterbody manager in the realm of mussel prevention.

Thank you for your time and consideration and once again, we value the support DBW has provided to Lake County in the past and we hope this support will continue into the future for the protection of our region and the water resources we all manage.

Sincerely,

<signatory footnote for IRWM Westside>

9. Small Grants Project Information

Westside Sacramento IRWM Small Grants Applications 2023

Project Title	Submitted By	Sponsor	Project Description	Project Status
Flowmeter Device Installation for Small Farmers	Kristin Sicke	YCFC&WCD	Acquisition and installation of up to four flowmeter devices for groundwater wells on socially disadvantaged (small family) farms.	Construction
Fifty Valley Oaks for Winters Putah Creek Nature Park	Kristine DeGuerre	City of Winters	<p>Winters Putah Creek Nature Park is the highest priority restoration site in the Lower Putah Creek Watershed Management Action Plan and is an example of restored natural form and function. It serves the public from surrounding communities by providing outdoor recreation and many educational opportunities especially for youth. The north bank trail at Winters Putah Creek Nature Park follows the top of the north bank of Putah Creek within city limits for 3,000 feet and is heavily used by the public. Currently only about 10% of the trail is shaded and foot traffic off of the asphalt trail suppresses all top of bank vegetation in the summer. This project would establish 50 valley oaks and companion Santa Barbara sedge on the south side of the trail, enough to provide near total shade over the trail at maturity. The project would establish a 12" layer of wood chips 10 feet long and 10 feet wide for each tree in the fall of 2023 that would deter foot traffic, suppress all weeds and condense soil moisture at the surface. Putah Creek Council would supply the oaks and sedges, the City of Winters would mobilize the wood chips, local Rotary Clubs would provide the labor for planting. Fifty valley oaks would be planted to moisture into the mulched area in the spring of 2024 and require no further irrigation. The chips would decay over about 5 years by which time the trees and sedges would be established. Tribal communities are served by establishing Santa Barbara sedge, an important basketweaving plant. It responds to climate change and supports public health by providing a shady all weather trail for outdoor recreation and wildlife viewing. The City of Winters provides in-kind contribution through use of equipment to move wood chips and local Rotary Clubs provide in-kind labor.</p>	Construction
Putah Creek Club Family Canoe/Picnic at Lake Solano Park	Melanie Ellison	Putah Creek Council & Winters Middle School	<p>Putah Creek Club is an afterschool club for 12 Winters Middle School students to learn about the Putah Creek Watershed, its flora and fauna, and how to practice environmental stewardship. It gives students the opportunity to lend a hand in habitat enhancement projects and advocate for what they think is important environmentally. This "Family Canoe/Picnic @ Lake Solano Park" would be an extension of the existing club, which is normally an after school club in the Spring that meets Thursdays from 3-5:30p. This special day aims to help students and their families foster a positive relationship with the creek and our natural world by providing an end-of-year picnic lunch and canoeing tour of Lake Solano. The day will also serve as an opportunity to make a plan for the future of the club.</p> <p>Putah Creek Council will provide the canoes, paddles, and lifejackets. This funding request would cover lunch for the 12 Putah Creek Club students, 2 family members per student, 3 Putah Creek Club leaders, and 1 guest naturalist, for a total of 40 lunches. At \$30 per lunch, it's a grand total of \$1,200. Winters Middle School is a Title I school, with over 50% of its families qualifying for free/reduced lunch.</p>	Operation

Westside Sacramento IRWM Small Grants Applications 2023

Project Title	Project Benefits (how it advances Goals and/or objectives of WS IRWM)	Partners	Project Beginning Date	Project Ending Date
Flowmeter Device Installation for Small Farmers	<p>Goals:                      + Improves education and awareness about water                      + Promotes reasonable use of water</p> <p>Objectives:                      + Increase adoption of ag BMPs                      + Monitor conditions/improve understanding to support sustainable groundwater basins</p>	California Alliance of Family Farms	6/1/2023	9/30/2023
Fifty Valley Oaks for Winters Putah Creek Nature Park	<p>Goal 1. Acknowledge and respect the cultural values and resources of the region. Santa Barbara Sedge is an important basketweaving plant that was used by many tribes in Northern California. This plant was formerly tended for basketweaving material in most riparian zones. These plantings would provide a publicly accessible site for tending and collection of rhizomes.</p> <p>Goal 2. Improve education and awareness throughout the Region about water, watershed functions and ecosystems and the need for sustainable resource management to protect community health and well-being. The proposed planting will enhance wildlife viewing and demonstrate the use of natural materials for weed suppression and conservation of water. Santa Barbara Sedge provides excellent erosion control and long term suppression of invasive weeds, even Himalaya blackberry.</p> <p>Goal 6. Preserve and enhance water related recreational activities. Shade over the north bank trail will encourage enjoyment of Winters Putah Creek Nature Park for exercise and experience of nature.</p> <p>Goal 8. Promote reasonable use of water and watershed resources. Establishing native plants without supplemental irrigation saves water and avoids plastic irrigation parts.</p> <p>Goal 9. Protect and enhance habitat and biological diversity of native and migratory species. Valley oaks support 67 nesting bird species and are particularly important to migrant birds in urban areas. <a href="https://www.sciencedirect.com/science/article/abs/pii/S1618866717304636">https://www.sciencedirect.com/science/article/abs/pii/S1618866717304636</a></p> <p>Objectives: This project supports the education and awareness focus by providing an accessible and practical demonstration planting without supplemental irrigation or herbicides. It supports the habitat focus by establishing native vegetation. It supports the invasive species focus by using mulch for initial weed suppression and establishing sedges as long term competition for control of invasive plants. It enhances the recreation focus by encouraging use of the north bank trail in the heat of summer by providing nearly continuous shade over the trail (at maturity).</p>	Rotary Clubs of Winters, Davis and Woodland, Putah Creek Council, Winters Natural Resources Committee	7/1/2023	6/30/2024
Putah Creek Club Family Canoe/Picnic at Lake Solano Park	<p>Goal 2. Improve education and awareness throughout the Region about water, watershed functions and ecosystems and the need for sustainable resource management to protect community health and well-being. This project will provide a memorable learning experience in the Putah Creek Watershed for members of the Putah Creek Club. An expert naturalist (TBD), will lead the canoe tour around Lake Solano, pointing out flora and fauna of interest.</p> <p>Goal 6. Preserve and enhance water related recreational activities. This day on the lake will provide a water-related recreational experience for several families who would not otherwise have the means to do so.</p>	Winters Middle School	28-May-23	28-May-23

Westside Sacramento IRWM Small Grants Applications 2023

Project Title	Submitted By	Sponsor	Project Description	Project Status
Clear Lake Science Symposium/ Summit	Angela DePalma Dow	Lake County Watershed Protection District	<p>In December 2022, the California Fish and Game Commission convened an interagency emergency meeting to address the alarming decline in Clear Lake Hitch (<i>Lavinia exicaulda chi</i>) populations, an endemic freshwater species of high cultural importance to Clear Lake Pomo Tribes and neighboring Tribal communities throughout Lake, Mendocino, Sonoma, and Yolo Counties. In the succeeding months, a historically significant collaboration emerged between the Tribes, the State Water Resources Control Board, and the California Fish and Wildlife Department. Parallel to these collaborative efforts, the UC Davis Tahoe Environmental Research Center convened a January 2023 meeting involving university scientists, fish biologists from the US Geological Survey, the California Fish and Game Department, and Robinson Rancheria; and staff and consultants from Lake County Tribal EPA Departments, Lake County Water Resources Department and FlowWest. At the end of the January 2023 meeting, a request for coordination of emergent and relevant research findings was made by the attendees, and a Clear Lake Hitch Science Symposium / Summit was proposed. The majority of the research performed on Clear Lake remains unknown and frequently un- or underreported to local agencies, communities, and Tribes. When research results are incompletely disseminated, potential remediative actions and policy decisions are delayed; and the general public relies on misleading, pseudoscientific opinions for pressing environmental concerns. A Clear Lake Science Summit / Symposium, with a session dedicated to the Clear Lake Hitch, would provide agencies, researchers, practitioners, Tribes, and the general public an opportunity to share their research, data and efforts with public partners. The output of this science summit will be cutting-edge scientific information (via a digital binder containing videos, slide presentations, reports, etc.) and guidance (webpages with explanatory text and hyperlinks) on how to continue accessing research relating to Clear Lake water quality, aquatic ecosystems, and biodiversity.</p>	Concept/development

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Project Title	Project Benefits (how it advances Goals and/or objectives of WS IRWM)	Partners	Beginning Date	Project Ending Date
Clear Lake Science Symposium/ Summit	<p>This project will address the following IRWM Goals and objectives.</p> <p>Goals #1. Acknowledge and Respect Cultural Values by providing relevant information about the Clear Lake hitch and impacts to hitch habitat as the hitch, and hitch habitat provide valuable cultural resources – and some sustenance - to regional tribes.</p> <p>Goal #2. Improve understanding of watershed characteristics and functions through the shared water-related information of most recent research collected by academic and non-academic institutions.</p> <p>Goal #7. Improvements to water quality management as this symposium / summit will share data and information gathered by all regional agencies, tribes, research and public partners which will reduce redundancies and maximize knowledge for current and future work and efforts.</p> <p>Goal #8 Promote reasonable use of watershed resources by sharing the impacts to hitch, and other valuable aquatic resources, and potential management actions, the symposium, and resulting proceedings will promote the best use of watershed resources for conservation and preservation.</p> <p>Goal #12 Using Science Collaboration to make fair and equitable decisions as this symposium is a basic scientific sharing opportunity and opportunities for collaboration, networking, and cross-program and project support will be encouraged and expedited. This will make management decisions, especially with tribal partners, more equitable and fair.</p> <p>Objective #2 Will provide education and info for adult populations – This is a public access symposium that will be available for free for all attendees, with publically accessible interactive proceedings available on the WPD website following the event.</p> <p>Objectives #4 – 6 Identify life history characteristics for native fish – this symposium will include a dedicated session to the Clear Lake hitch, and will include research presentations from USGS, CDFW, UCFWS, regional tribes such as Big Valley Rancheria, Habematolel Pomo of Upper Lake, Robinson Rancheria, and others, that will share their findings from monitoring and researching native fish in Clear Lake and tributaries.</p> <p>Objectives #18 Maintain and enhance watershed and natural resource monitoring network and information sharing – this will provide a vital avenue for information sharing and data exchange in a publically available space with provided proceedings that will be accessible for all and not just a book / binder on a shelf.</p>	Yolo Flood Control and Water Conservation District	Jun-23	Jun-24



# Annual Work Plan 2023 – 2024 – DRAFT

## Purpose of Work Plan

The purpose of this Work Plan is to state clearly the goals, objectives and tasks the IRWM Coordinating Committee (CC) will focus on for the 2022 – 2023 Fiscal Year.

## Introduction and Background

The Westside approved its first Annual Work Plan for the 2015-16 Fiscal Year and has developed an Annual Work Plan each year since then, evaluating progress each year-end. The CC maintains its foundational activities of function and governance, sustains its commitment to the grant-funded projects in progress, and will move toward a broader examination and fulfillment of Plan Objectives based on importance, urgency, and area of focus.

## Goals and Objectives for 2022-23:

### Goal 1: Seek and secure future funding sources for the completion of projects in the IRWM Plan

Objective 1: Work with the Statewide Roundtable of Regions to secure State-level operational funding for IRWM Regions throughout the State.

Task 1: Write letters in support of IRWM to legislative decision-makers upon request, as needed.

Objective 2: Work with agencies and organization throughout the region and the State to secure funding for planning and implementation of Projects in the IRWM Plan.

Task 1: Engage with Department of Water Resources IRWM staff and decision-makers to establish the ongoing importance of IRWM and the need for significant funding to secure safe, clean and affordable water for residents of the Region.

Task 2: As opportunities arise, match individual projects within the plan with specific funding opportunities by making project sponsors aware of the funding opportunities.

Objective 3: Work with the Statewide Roundtable of Regions and other local and regional agencies and organization as needed to strengthen connections between IRWM and Sustainable Groundwater Management (SGM).



SOLANO COUNTY  
WATER AGENCY





# Annual Work Plan 2023 – 2024 – DRAFT

Task 1: As opportunities arise during the development and implementation of Groundwater Sustainability Plans (GSP), emphasize the role of groundwater management as one of many components of Integrated Regional Water Management.

Task 2: Support groundwater management projects, including letters of support and their inclusion in the WS IRWM Plan.

Objective 4: Consider opportunities related to climate resiliency and the possibility of expanding the Coordinating Committee’s scope and membership to meet state preferences for regional collaboration with respect to climate adaptation and mitigation.

Task 1: Monitor funding and technical assistance opportunities to build capacity for climate change resilience planning and to implement climate resilience implementation projects.

Task 2: As specific funding opportunities arise, consider the possibility for the Westside Region to apply for climate-related planning and capacity development funds.

Goal 2: Seek solutions within the Region on drought management, stormwater management, municipal water use efficiency, and water audits.

Objective 1: Engage in Regional, action-oriented discussions on drought, stormwater, WUE and water audits.

Task 1: Consistently schedule meeting agenda presentations and/or discussion items that address these topics.

Task 2: Explore actions taken by other IRWM Regions in the state for application in the Westside Region.

Goal 3: Coordinate with other IRWM Regions, GSP development groups and related organizations.

Objective 1: Communicate and coordinate with neighboring IRWM Regions.

Task 1: Report coordination activities at Regular Westside IRWMP meetings.

Objective 2: Engage with local (County) SGMA Authorities.

Task 1: Participate in and support Groundwater Agency meetings and activities as appropriate.

Objective 3: Participate in the IRWM Roundtable of Regions Statewide Network.



**SOLANO COUNTY**  
**WATER AGENCY**



# Annual Work Plan 2023 – 2024 – DRAFT

Task 1: Attend meetings and events as appropriate.

Task 2: Provide input to IRWM-related issues of Statewide importance.

Goal 4: Increase focus on and funding opportunities for diverse objectives contained in the Plan.

Objective 1: Support new opportunities for Disadvantaged Community Involvement and Implementation grants as appropriate.

Task 1: Provide support to Lake County Special Districts in administering the Prop 1 Implementation grant.

Task 2: Provide outreach for training and technical assistance as opportunities arise.

Task 3: Further develop opportunities for Tribal involvement in IRWM.

Objective 2: Support further Brownfield site cleanup opportunities.



Task 1: Continue to monitor EPA Brownfields funding opportunities

Task 2: Support relevant proposal, contracting and implementation, if relevant opportunities arise.

Objective 3: Secure sustainable funding for the Small Grants Program.

Task 1: Explore alternative revenue sources to support the Small Grants Program.

Objective 4: Promote awareness and prevention of invasive species.

Task 1: Display quagga-mussel boat and educational materials during at least one event and / or a combination of two in-person and/or virtual outreach or educational events.

Task 2: Support prevention of introduction and the eradication of invasive and/or nuisance species.

Objective 5: Promote water-related education.

Task 1: Support and/or promote at least one education project for funding as opportunities arise.



SOLANO COUNTY  
WATER AGENCY



# Annual Work Plan 2023 – 2024 – DRAFT

Objective 6: Support water-related habitat improvement.

Task 1: Support, including letters of support, at least one habitat project for funding as opportunities arise.

Objective 7: Support fire-impact recovery in the Westside Region. 

Task 1: Support at least one fire response or recovery project.

Objective 8: Explore opportunities for climate resiliency planning and implementation projects in support of the objectives above.

Task 1: Monitor federal, state, and other funding opportunities to bolster climate resiliency in the Westside Sac region.

Task 2: Disseminate opportunities to appropriate entities within the WS IRWM region.

Task 3: Support, including letters of support, at least one climate resiliency-related project for funding as opportunities arise.

## Goal 5: Report to the public on implementation progress for the Westside Sac IRWM Plan

Objective 1: Determine progress toward accomplishing Westside Plan Goals and Objectives.

Task 1: Publish update and accomplishments in the Westside's Annual Report.

Task 2: Disseminate Annual Report widely through WS IRWM website, email lists, and member agency websites



12. Westside Sac IRWM CC Draft Budget 2023 – 2024



Coordinating Committee Annual Budget Review & Draft Budget for FY 2022-2023													
		FY 2013-2014	FY 2014-2015	FY 2015-2016	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021	FY 2021-2022	FY 2023 - 2024	DRAFT BUDGET FY 2023-2024	Total: FY 2013/14 through FY 2022/23
<b>Contributions</b>													
	Solano County Water Agency			\$60,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$206,000.00
	Lake County Water Resources	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$206,000.00
	Napa County Public Works	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$21,500.00	\$206,000.00
	WRA of Yolo County/ YSGA	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$43,000.00		\$21,500.00	\$206,000.00
	<b>Total Contributions</b>	<b>\$60,000.00</b>	<b>\$60,000.00</b>	<b>\$120,000.00</b>	<b>\$80,000.00</b>	<b>\$80,000.00</b>	<b>\$80,000.00</b>	<b>\$86,000.00</b>	<b>\$86,000.00</b>	<b>\$107,500.00</b>	<b>\$64,500.00</b>	<b>\$86,000.00</b>	<b>\$824,000.00</b>
	Rollover Amount		\$48,688.36	\$75,481.54	\$134,881.41	\$105,454.96	\$45,558.56	\$46,543.66	\$72,437.46	\$90,096.83	\$111,419.40	\$79,651.98	
	<b>Total Income Available</b>	<b>\$60,000.00</b>	<b>\$108,688.36</b>	<b>\$195,481.54</b>	<b>\$214,881.41</b>	<b>\$185,454.96</b>	<b>\$125,558.56</b>	<b>\$132,543.66</b>	<b>\$158,437.46</b>	<b>\$197,596.83</b>	<b>\$175,919.40</b>	<b>\$165,651.98</b>	<b>\$824,000.00</b>
<b>Expenditures</b>													
	Bank of the West				\$69.99								\$69.99
	Cache Creek Conservancy				\$9,490.34								\$9,490.34
	City of Winters			\$12,000.00									\$12,000.00
	Dept of Water Resources					-\$11,780.62							
	Government Contract Registration		\$600.00										\$600.00
	Kennedy/Jenks					\$54,578.75	\$8,716.25						\$63,295.00
	Lake County RCD				\$11,505.40	\$1,564.46	\$2,722.15						\$15,792.01
	Lake County Water Protection					\$18,172.00	\$1,206.07						\$19,378.07
	McCord Environmental		\$8,360.00						\$5,000.00	\$5,000.00			\$18,360.00
	Putah Creek Council				\$2,500.00	\$11,039.14							\$13,539.14
	Solano County RCD				\$12,500.00								\$12,500.00
	The Printer							\$3,443.09					\$3,443.09
	Yolo County Flood Control				\$11,780.62								\$11,780.62
	Yolo County RCD	\$11,311.64	\$24,246.82	\$48,600.13	\$61,580.10	\$66,322.67	\$66,370.43	\$56,663.11	\$61,791.25	\$79,677.43	\$78,567.42	\$78,366.57	\$555,131.00
	Statewide IRWM Roundtable of Regions								\$1,549.38	\$1,500.00	\$1,500.00	\$1,500.00	\$4,549.38
	Small Grants Program										\$16,200.00		
	<b>Total Expenditures</b>	<b>\$11,311.64</b>	<b>\$33,206.82</b>	<b>\$60,600.13</b>	<b>\$109,426.45</b>	<b>\$139,896.40</b>	<b>\$79,014.90</b>	<b>\$60,106.20</b>	<b>\$68,340.63</b>	<b>\$86,177.43</b>	<b>\$96,267.42</b>	<b>\$78,366.57</b>	<b>\$744,348.02</b>
	<b>REMAINING BALANCE</b>	<b>\$48,688.36</b>	<b>\$75,481.54</b>	<b>\$134,881.41</b>	<b>\$105,454.96</b>	<b>\$45,558.56</b>	<b>\$46,543.66</b>	<b>\$72,437.46</b>	<b>\$ 90,096.83</b>	<b>\$ 111,419.40</b>	<b>\$ 79,651.98</b>	<b>\$ 87,285.41</b>	<b>\$79,651.98</b>

13. Draft Yolo County RCD 2023 – 24  
Proposed budget for administrative services  
to WS IRWM CC



Proposed YCRCD Budget - Westside Sac IRWMP Facilitation Support 2023-24						
Task	Item	Qty	Units	Unit Cost	Total Cost	
<b>1 MEETING FACILITATION AND SUPPORT</b>						
	<b>Develop meeting agendas, supporting materials; meeting preparation, Facilitation/support at meetings; Prepare meeting minutes; meeting follow-up</b>					
	Admin. Coordinator	280	hr	\$110.00	\$30,800.00	
<b>Labor</b>					<b>\$30,800.00</b>	
	Printing			\$100.00	\$100.00	
	Certificate of Insurance			\$125.00	\$125.00	
	Office supplies			\$300.00	\$300.00	
	Computer/Software			\$600.00	\$600.00	
	Meeting Refreshments	6	mtg	\$65.00	\$390.00	
<b>Materials</b>					<b>\$1,515.00</b>	
	Mileage rate for Vehicles <sup>-1</sup>	1007	mi	0.625	\$629.38	
<b>Travel</b>					<b>\$629.38</b>	
<b>Task Subtotal</b>					<b>\$32,944.38</b>	
<b>2 PUBLIC OUTREACH</b>						
	<b>Support all outreach efforts by IRWM CC, Annual Report</b>					
	Admin. Coordinator	100	hr	\$110.00	\$11,000.00	
	YCRCD Outreach Coordinator	40	hr	\$98.00	\$3,920.00	
<b>Labor</b>					<b>\$14,920.00</b>	
	IT Support/Computer	12	mo	\$100.00	\$1,200.00	
<b>Materials</b>					<b>\$1,200.00</b>	
<b>Task Subtotal</b>					<b>\$16,120.00</b>	
<b>3 DATA MANAGEMENT</b>						
	<b>Tracking Sheet #1 - IRWM Project Progress, Tracking Sheet #2 - IRWMP Regional Progress</b>					
	<b>Tracking Sheet #3 - Funding Opportunities</b>					
	Admin. Coordinator	130	hr	\$110.00	\$14,300.00	
<b>Labor</b>					<b>\$14,300.00</b>	
<b>Task Subtotal</b>					<b>\$14,300.00</b>	
<b>4 OTHER DUTIES AS NEEDED TO SUPPORT THE CC</b>						
	<b>Support the CC in Administering the Westside IRWMP</b>					
	Admin. Coordinator	130	hr	\$110.00	\$14,300.00	
<b>Labor</b>					<b>\$14,300.00</b>	
	Mileage rate for Vehicles <sup>-2</sup>	279	mi	0.625	\$174.38	
<b>Travel</b>					<b>\$174.38</b>	
<b>Task Subtotal</b>					<b>\$14,474.38</b>	
<b>Subtotal</b>					<b>\$77,838.76</b>	
	Administration (15%)				\$527.81	
<b>Grand Total</b>					<b>\$78,366.57</b>	
	<sup>1</sup> 1 Round Trip (RT) Solano, 1 RT Yolo; 2 RT Napa, 2 RT Lake					
	<sup>2</sup> 2 optional Special Meetings - 1 Solano, 1 Lake					



## Administrative Coordinator Report 5/10/23

1. It's an odd year, time to rotate the Chair position. According to my records, next in line is Napa County Flood Control and Water Conservation District for the chair position with Yolo Subbasin Groundwater Agency as Vice Chair.
2. YSGA membership –Napa and Solano Counties signed on and provided a copy, all other members were due to have the MOU considered by their boards by early May. We are almost there!
3. The Roundtable of Regions will be changing coordinators as SAWPA is no longer willing/able to act as the coordinator. When a new coordinator is found, a WS IRWM CC representative will need to sign the contract as one of the paying RoR members.
4. The Annual report is in development – **please send any interesting photos or info from your agency** that would be a good fit. **Maybe some reservoir before/after photos with respect to drought/precipitation?** We currently have pending articles about:
  - a. Dunnigan
  - b. Small grants program
  - c. Collaboration with CivicWell to provide TA for individual projects
  - d. Lake County Special Districts IRWM Grant update
  - e. CIP update from Katie Burdick
5. I am continuing to work with Grace Person, CivicWell, to funnel projects through CivicWell for TA to match projects to funding sources and provide application assistance if needed. There are currently five projects in different stages of development that Grace is trying to assist.
6. I've worked a bit on the website to get the current meeting documents posted and past years' agendas and agenda packets posted. If you visit the site now, you will see a page for [2022 meetings](#) and [2023 meetings](#) that contain meeting agendas, agenda packets, and minutes for each meeting. On the schedule for website updates:
  - a. Adding pages for 2020 and 2021 meetings and populating them with the appropriate documents (agenda, agenda packet, and minutes) for each meeting.
  - b. Going through each page of the website and correcting typos, errors, and broken links.