

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
WATER RESOURCES ADVISORY COMMITTEE (WRAC)

SLO City/County Library Community Room
995 Palm Street, San Luis Obispo CA

Wednesday, November 2, 2022
1:30 pm

Via Zoom Teleconference:

<https://us06web.zoom.us/j/86721954088?pwd=eFhUMDB1ak9hcS81cVUrdEhFNnQ2dz09>

Call-in information: 1 (669) 900 6833, Meeting ID: 867 2195 4088, Passcode: 179990

Note: Members must be physically present in order to count toward the quorum and cast votes.

WRAC Agenda

1.	Introductions & Welcome	1:30pm
2.	Comments on October 5, 2022 WRAC Meeting Minutes	1:35pm
3.	Receive Presentation and Provide Feedback on the Master Water Report and Information System Update	1:40pm
4.	Consider forming an Ad Hoc committee to Review the Committee Bylaws	2:10pm
5.	Receive Presentation from David Chipping Regarding Sustainability of Paso Robles Groundwater Basin	2:20pm
6.	Ongoing Updates: a. Rain & Reservoir Report b. California Drought Monitor Summary c. Groundwater Basin Management Efforts d. Integrated Regional Water Management (IRWM) e. Master Water Report (MWR) Update f. State Water Project (SWP) g. Desalination h. Various County Water Programs, Policies, and Ordinances i. Open Reporting on Water Conservation Opportunities & Information	2:40pm
7.	Future Agenda Items	3:00pm
8.	Public Comment for Items not on the Agenda	3:10pm
9.	Adjourn Meeting	3:15pm

This agenda packet and attachments are available online at www.slocounty.ca.gov/wrac

Next Regular Meeting: December 7, 2022, 1:30 pm
 SLO City/County Library Community Room
 995 Palm Street, San Luis Obispo CA

Please contact WRAC Secretary, Brendan Clark, with any questions. bclark@co.slo.ca.us

Purpose of the Committee:

To advise the County Board of Supervisors concerning all policy decisions relating to the water resources of the San Luis Obispo County Flood Control and Water Conservation District. To recommend to the Board of Supervisors specific water resource and water conservation programs with recognition of the economic and environmental values of the programs. To recommend methods of financing water resource programs.

Excerpts from WRAC By-Laws dated September 1, 2020

SAN LUIS OBISPO COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
WATER RESOURCES ADVISORY COMMITTEE (WRAC)

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MINUTES (Draft)

Chairperson: Andy Pease
Vice Chairperson: Ray Dienzo
Secretary: Brendan Clark

The following action minutes are listed as they were acted upon by the Water Resources Advisory Committee (WRAC) as listed on the Regular Meeting agenda for **October 5, 2022** together with staff reports and related documents attached thereto and incorporated therein by reference.

The video recording of the meeting and materials submitted to the WRAC are available online: [https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Water-Resources-Advisory-Committee-\(WRAC\).aspx](https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/Water-Resources-Advisory-Committee-(WRAC).aspx)

Call to order at 1:30 PM

1) Determination of a Quorum and Introductions

A quorum of 13 is established. Quorum met.

2) Approval of June 1, 2022 WRAC Meeting Minutes

A. Pease introduces the item and asks for questions or comments from the Committee.

E. Greening comments on a correction under Item 7: Various County Water Programs, Policies, and Ordinances.

T. Walters comments on a typo in his name recorded during the Item 6: Purlieu Landscapes presentation.

E. Greening moves to approve the edited June 1, 2022 meeting minutes and C. Mulholland seconds the motion. Motion carries (13-0-0).

3) Approval of September 7, 2022 WRAC Meeting Minutes

A. Pease introduces the item and asks for questions or comments from the Committee.

C. Mulholland moves to approve the September 7, 2022 meeting minutes and T. Walters seconds the motion. Motion carries (10-0-3).

4) Receive Presentation from Rob Miller of Wallace Group regarding Water Reuse Projects

A. Pease introduces the item and Rob Miller of Wallace Group presents on Water Reuse Projects.

D. Chipping asks about long-term storage requirements and processes during a wet season. G. Hulburd and R. Miller respond.

D. Howard asks if the reuse water may divert or conflict with water from streams and other sources. R. Miller responded.

D. Heibel comments how great it is to see movement with water reuse and options presented for non-potable recycled water as well as carbon footprint reduction.

R. Munds asks about the energy impacts and costs. G. Hulburd and R. Miller respond.

A. Pease comments on a recent laundry/landscape water reuse project and asks what considerations went into the design of that system. G. Hulburd and R. Miller respond.

T. Walters asks if the technology is becoming more aggressive or compact on the units being developed and if they are becoming more cost effective. R. Miller responds.

C. Howard asks if there are any special operations & maintenance (O&M) requirements in terms of licensing. R. Miller responds.

5) IRWM Proposition 1, Round 2 Grant Project Selection Update, and Consider Support

A. Pease introduces the item and Brendan Clark presents on the IRWM Proposition 1, Round 2 Grant Project Selection Update.

D. Chipping asks how and when the grant funds will be disbursed. B. Clark responds.

E. Greening asks if the tool that is being developed for the Master Water Report will include tracking of environmental needs. B. Clark responds.

T. Walters comments on the Central Coast Blue project and asks about the funding impacts/limitations related to their recommended award. B. Clark responds.

A. Pease asks the Committee for additional questions or a motion. C. Mulholland moves to recommend the RWMG selected projects and funding to the Board of Supervisors for an application to DWR for the Prop 1, Round 2 Implementation Grant. D. Chipping seconds motion. Motion carries (13-0-1).

6) Ongoing Updates:

a) Rain & Reservoir Report

E. Greening comments on inconsistencies/discrepancies of when the rainfall season in California begins and ends. The Committee discusses when the rainfall season begins/ends.

H. Krzuick asks if data was recorded at County rain stations during September maintenance activities and when that data will be made available. C. Howard responds.

b) California Drought Monitor Summary

No comment

c) Groundwater Basin Management Efforts

E. Greening comments on the Paso Robles Basin GSP and requests that the WRAC set aside 30 minutes at a future meeting to review data gathered by D. Chipping concerning the Paso Robles Basin. A. Pease responds.

C. Mulholland agrees with E. Greening's assessment and supports receiving a presentation on the Paso Basin GSP from D. Chipping.

T. Walters agrees that a plan-related presentation would be beneficial for the Committee.

B. Clark suggests the possibility of agendaizing Member Updates for Committee Members to discuss issues of concern for non-action plans.

N. Teague announces that the City of San Luis Obispo will hold a public presentation on October 26th to present the results of Prop 1 funding for a groundwater study and provides information on where the event will be held. E. Greening asks if this is related to the San Luis Obispo Basin planning efforts. N. Teague responds.

C. Mulholland comments on past discussions of using the City of San Luis Obispo's reclaim water to fill shortages for the San Luis Obispo Basin and asks if that is still part of the basin discussion. A. Pease responds.

W. Cunha comments that rainfall tracking begins in October per the State's water management/resource agencies.

d) Integrated Regional Water Management (IRWM)

No comment

e) Master Water Report (MWR) Update

B. Clark comments on the upcoming Master Water Report public workshop, scheduled for November 2nd during the WRAC meeting.

f) State Water Project (SWP)

(1:06:15) E. Greening asks if there were any advanced notices to be aware of about the proposed emergency water transfer and comments on the legal differences between emergency water transfers and normal water transfers. C. Howard responds.

g) Desalination Executable Solution and Logistics Plan (DESAL Plan)

H. Krzuick comments on concerns of brine buildup that would result as a byproduct issue with desalination and asks if these concerns are being considered. C. Howard responds.

h) Various County Water Programs, Policies, and Ordinances

No comment

i) Open Reporting on Water Conservation Opportunities & Information

A. Pease comments on previous water efficient landscaping programs and asks if any similar opportunities can be initiated within the county. N. Teague responds.

7) Future Agenda Items and Hybrid Meeting Format

A. Pease and B. Clark comment on D. Chipping's proposed presentation on the Paso Basin.

B. Clark comments on the Master Water Report Workshop scheduled for November 2nd, the County Public Works LID Handbook update with a presentation from County staff, and an upcoming DESAL Board item.

E. Greening asks about the status of the Nacimiento/San Antonio Lake project and the Adelaida Hydrogeologic Study. C. Howard and B. Zuniga respond.

8) Public Comment for Items not on the Agenda

B. Clark comments on FEMA's preliminary mapping updates for flood zones. FEMA has posted the maps online and the new preliminary boundaries are available for review. Updates will be provided to the Oceano Advisory Council on October 19th, Creston Advisory Body on October 20th, and San Miguel Advisory Council on October 26th.

W. Clemens comments that Oceano has two advisory committees and asks for clarification on which committees will receive presentations. B. Clark responds.

D. Chipping comments on report from the State concerning the probability of a wave similar to the 1860s tidal wave in relation to an Ark Storm scenario.

WATER RESOURCES ADVISORY COMMITTEE (WRAC) 2022

Organization	Representative	Member	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SUPERVISOR DISTRICT														
District 1	Dennis Loucks	M		/	/	/	/	/	/	/	/	/	/	/
	Melanie Blankenship	A		/	/	/	/	/	/	/	/	/	/	/
District 2	(Vacant)	M		/	/	/	/	/	/	/	/	/	/	/
	Neal MacDougall	A		/	/	/	/	/	/	/	/	/	/	/
District 3	(Vacant)	M		/	/	/	/	/	/	/	/	/	/	/
	Natalie Risner	A		/	/	/	/	/	/	/	/	/	/	/
District 4	(Vacant)	M		/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
District 5	Allen Duckworth	M	X	/	X	/	/	(X)	/	/	(X)	/	/	/
	Fred Hoey	A		/	/	/	/	/	/	/	/	/	/	/
AT-LARGE														
Agriculture At-Large	Kurt Bollinger	M		/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
Agriculture At-Large	(Vacant)	M		/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
Development At-Large	Tim Walters	M	X	/	/	/	/	(X)	/	/	(X)	X	/	/
	Greg Nester	A		/	/	/	/	/	/	/	/	/	/	/
Environmental At-Large	Christine Mulholland	M	X	/	X	/	X	X	/	/	X	X	/	/
	Dolores Howard	A		/	/	/	X	X	/	/	X	X	/	/
Environmental At-Large	Eric Greening	M		/	X	/	X	X	/	/	/	X	/	/
	Tom Burhenn	A	X	/	/	/	X	/	/	/	(X)	/	/	/
Environmental At-Large	David Chipping	M	X	/	X	/	X	X	/	/	X	X	/	/
	Stephnie Wald	A		/	/	/	/	/	/	/	(X)	/	/	/
RCDs														
Coastal San Luis RCD	Linda Chipping	M	X	/	X	/	(X)	X	/	/	X	X	/	/
	Jessica Crutchfield (9/7)	A	X	/	/	/	/	/	/	/	/	/	/	/
Upper Salinas RCD	George Kendall	M	X	/	X	/	/	X	/	/	/	X	/	/
	Tom Mora	A		/	/	/	X	/	/	/	X	X	/	/
OTHERS														
Atascadero Mutual	John Neil	M		/	/	/	/	/	/	/	/	/	/	/
	Jaime Hendrickson	A		/	X	/	(X)	X	/	/	/	/	/	/
California Men's Colony	Scott Buffaloe	M		/	/	/	/	/	/	/	/	/	/	/
	Mike Schwartz	A		/	/	/	/	/	/	/	/	/	/	/
Camp SLO	Vacant	M		/	/	/	/	/	/	/	/	/	/	/
	Jubilee Satele	A		/	/	/	/	/	/	/	/	/	/	/
County Farm Bureau	Steve Carter	M	X	/	X	/	(X)	X	/	/	/	X	/	/
	Brent Burchett	A	X	/	X	/	/	X	/	/	(X)	(X)	/	/
Cuesta College	(Vacant)	M		/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
Golden State Water	Matt Cook	M		/	/	/	X	X	/	/	/	(X)	/	/
	Mark Zimmer	A	X	/	X	/	X	(X)	/	/	/	/	/	/
Shandon-San Juan Water District	Stephen Sinton	M		/	/	/	(X)	/	/	/	(X)	X	/	/
	Marshall Miller	A		/	/	/	/	/	/	/	/	/	/	/
Estrella-El Pomar-Creston Water District	Lee Nesbit	M	X	/	X	/	/	X	/	/	/	X	/	/
	Hilary Graves	A	X	/	/	/	/	/	/	/	/	/	/	/
CITIES														
City of Arroyo Grande	Lan George	M		/	X	/	(X)	/	/	/	(X)	/	/	/
	Kristen Barneich	A		/	/	/	/	/	/	/	(X)	/	/	/
City of Atascadero	Charles Bourbeau	M	X	/	/	/	/	/	/	/	/	/	/	/
	Nick DeBar	A		/	/	/	/	/	/	/	/	/	/	/
City of Grover Beach	Robert Robert	M	X	/	X	/	(X)	/	/	/	(X)	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
City of Morro Bay	Laurel Barton	M		/	/	/	X	X	/	/	/	X	/	/
	Rob Livick	A		/	/	/	/	/	/	/	/	/	/	/
City of Paso Robles	Christopher Alakel	M		/	/	/	/	/	/	/	/	/	/	/
	Kirk Gonzalez	A	X	/	/	/	/	/	/	/	/	/	/	/
City of Pismo Beach	Marcia Guthrie	M		/	/	/	/	/	/	/	/	/	/	/
	Sheila Blake	A	X	/	/	/	/	/	/	/	/	/	/	/
City of San Luis Obispo	Andy Pease	M	X	/	X	/	X	X	/	/	(X)	X	/	/
	Jan Marx	A		/	/	/	/	/	/	/	/	/	/	/
CSDs														
Avila Beach CSD	Brad Hagemann	M		/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
Cambria CSD	Ray Dienzo	M	X	/	X	/	X	X	/	/	X	/	/	/
	Melissa Bland	A		/	/	/	/	/	/	/	/	X	/	/
Heritage Ranch CSD	Scott Duffield	M		/	/	/	/	/	/	/	/	/	/	/
	Jason Molinari	A		/	/	/	/	/	/	/	/	/	/	/
Los Osos CSD	Chuck Cesena	M		/	X	/	/	/	/	/	/	/	/	/
	Ron Munds	A	X	/	X	/	X	/	/	/	/	X	/	/
Nipomo CSD	Ed Eby	M	X	/	X	/	X	X	/	/	X	X	/	/
	Richard Malvarose	A		/	/	/	/	/	/	/	/	/	/	/
Oceano CSD	Linda Austin (9/7)	M		/	X	/	X	/	/	/	/	/	/	/
	Shirley Gibson (9/7)	A		/	/	/	/	X	/	/	/	/	/	/
San Miguel CSD	Kelly Dodds (9/7)	M		/	/	/	/	/	/	/	(X)	/	/	/
	Dustin Pittman (9/7)	A		/	/	/	/	/	/	/	/	/	/	/
San Simeon CSD	Charles Grace	M	X	/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A		/	/	/	/	/	/	/	/	/	/	/
Templeton CSD	Debra Logan	M	X	/	X	/	X	(X)	/	/	(X)	/	/	/
	Tina Mayer	A		/	/	/	/	/	/	/	/	/	/	/
STAFF														
Planning and Building	Kylie Hensley	Staff		/	/	/	/	/	/	/	(X)	/	/	/
	Claire Momburger	Staff		/	/	/	/	/	/	/	/	(X)	/	/
	Airlin Singewald	Staff		/	/	/	(X)	/	/	/	(X)	/	/	/
Public Works	Courtney Howard	Staff	X	/	/	/	X	X	/	/	/	/	/	/
	Brandon Zuniga	Staff	X	/	/	/	X	/	/	/	(X)	X	/	/
	Angela Ford	Staff		/	/	/	/	/	/	/	/	X	/	/
	Brendan Clark	Staff	X	/	X	/	X	X	/	/	X	X	/	/
	Joey Steil	Staff	X	/	X	/	X	X	/	/	X	X	/	/
	Jenny Williamson	Staff		/	/	/	X	/	/	/	(X)	(X)	/	/
	May Thiri Kyaw	Staff		/	/	/	X	/	/	/	X	X	/	/

Notes: M = Member; A = Alternate Member, (X) = attended virtually

27 0 22 0 28 23 24 21 0 0

**WATER RESOURCES ADVISORY COMMITTEE (WRAC)
GUEST LIST 2022**

Signing-in is voluntary. You may attend the meeting regardless of whether you sign-in.

NAME	AFFILITATION (if any)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Patricia Wilmore	Paso Robles Wine Country Alliance	X	/	X	/	X	X	/	/	X	X		
Willy Cunha	Shandon-San Juan Water District	X	/	X	/	X	X	/	/	X	X		
Matthew Scrudato	Santa Barbara County Water Agency	X	/		/			/	/				
Toby Moore	Golden State Water Company	X	/		/		X	/	/		X		
Nick Teague	City of SLO	X	/	X	/	X	X	/	/	X	X		
Mychal Boerman	City of SLO	X	/	X	/			/	/				
Mario Iglesias	Nipomo CSD	X	/		/	X		/	/				
Will Clemens	OSCD	X	/		/	X		/	/		X		
Jeff Edwards		X	/	X	/		X	/	/		X		
Greg Grewal		X	/		/			/	/	X			
Julie Ridgeway		X	/	X	/	X		/	/	X	X		
Louis Lefebvre		X	/		/			/	/				
Tim Kershaw	Cleath Harris Geologists	X	/	X	/		X	/	/				
Hank Krzuick		X	/		/	X		/	/		X		
Kellie Fortner		X	/	X	/	X		/	/		X		
Spencer Waterman	WSC	X	/		/	X		/	/		X		
Dan Heimel	Confluence ES	X	/	X	/	X	X	/	/		X		
Gwen Kellas	San Simeon CSD	X	/		/			/	/				
Blaine Reely	Groundwater Sustainability Department		/	X	/		X	/	/				
Dolores Howard			/	X	/			/	/				
Audrey Taub	SLO Beaver Brigade		/	X	/			/	/				
Kory Burt	County of San Luis Obispo		/	X	/			/	/				
Jennifer Epp	RWQCB		/	X	/			/	/				
Wendy Linck	RWQCB		/	X	/			/	/				
Lucia Pohlman			/	X	/			/	/				
Matt Cook			/	X	/			/	/		X		
Rob Morrow	WSC		/		/	X		/	/				
Heather Freed	WSC		/		/	X		/	/				
Jeff Olivera			/		/	X		/	/				
Harold Wright	Public Works		/		/	X		/	/				
Leslie Terry	Public Works		/		/		X	/	/				
Robert La Fonda			/		/		X	/	/				
Taylor Boyle	Purlieu		/		/		X	/	/				
Evelyn Frederick	County of San Luis Obispo		/		/			/	/	X			
Aleks Wyzdga	Creek Lands Conservation		/		/			/	/	X			
Don Chartrand	Creek Lands Conservation		/		/			/	/	X	X		
Rob Miller	Wallace Group		/		/			/	/		X		
Greg Hulburd	Wallace Group		/		/			/	/		X		
Tim Rainey	Cleath Harris Geologists		/		/			/	/		X		
Stacy Inman	Pismo Beach Resident		/		/			/	/		X		
Larry Kramer	Cannon		/		/			/	/		X		
Scott Jalbert	County of SLO OES		/		/			/	/		X		

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: November 2, 2022

SUBJECT: Agenda Item 4: Consider forming an Ad Hoc committee to Review the Committee Bylaws

Recommendation

Form a sub-committee to review the WRAC By-laws.

Discussion

As stated in the WRAC By-laws, Article V.3, the WRAC shall review the by-laws "biannually for recommended updates or more often if requested by the Board of Supervisors"

The last update to the By-laws were adopted by the Board of Supervisors on September 1, 2020.

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: November 2, 2022

SUBJECT: Item 6: Ongoing Updates

Recommendation

Receive updates on various ongoing efforts.

Discussion

- a) **Rain & Reservoir Report.** See attached report.
- b) **Drought Updates.**
 - See attached Drought Monitor Summary
 - County of SLO Office of Emergency Services went to the Board on October 4, 2022.
 - The Staff report can be found here: <https://agenda.slocounty.ca.gov/iip/sanluisobispo/agendaitem/details/15299>
 - The Board extended the Drought Declaration for 60 days.
 - For more drought information, please visit <https://www.emergencyslo.org/en/slo-county-drought-information.aspx>
- c) **Groundwater Management Efforts**

On December 18, 2019, the California Department of Water Resources (DWR) released the Final Sustainable Groundwater Management Act (SGMA) 2019 Prioritization¹ that designates each groundwater basin and subbasin (collectively, basins) as high, medium, low or very low priority. Groundwater sustainability agencies (GSAs) are required to develop and implement groundwater sustainability plans (GSPs) for each high or medium priority basin.

BASIN UPDATES:

Basin	Update:
Los Osos Basin	Los Osos Area Subbasin (adjudicated area) is designated as a very low priority basin subject to critical conditions of overdraft. SGMA does not apply to the portions of Los Osos Basin that are adjudicated provided that certain requirements are met (Water Code §10720.8). The fringe areas of the Los Osos Area Subbasin are not subject to the requirements of SGMA due to the DWR prioritization. The Los Osos Basin Management Committee (BMC) oversees implementation of the Los Osos Basin Plan for the area.

¹ <https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>

	<p>Warden Creek Subbasin is designated as a very low priority and is not subject to the requirements of SGMA due to the DWR prioritization.</p> <ul style="list-style-type: none"> On September 30, 2022, representatives from County planning, the Groundwater Sustainability Department and County counsels held a follow up meeting with the CCC where they provided a summary of the hydrogeologic conditions in the basin. <p>For more information, please visit: www.slocounty.ca.gov/losososbasin</p>
<p>Atascadero Basin</p>	<p>Atascadero Basin is designated as a very low priority basin and is not subject to the requirements of SGMA due to the DWR prioritization; however, the Atascadero Basin Groundwater Sustainability Agency (GSA) Executive Committee (EC) elected to develop, and submit to DWR, a groundwater sustainability plan (GSP) by January 31, 2022. The GSP was submitted on January 30, 2022 and is currently under review by DWR. The 2021 Annual Report was submitted March 9, 2022.</p> <ul style="list-style-type: none"> The EC met on October 25, 2022, to amend its conflict of interest code and receive an update on the basin-specific groundwater model development <p>For more information or to view meeting material, visit: www.AtascaderoBasin.com</p>
<p>Santa Maria Basin</p>	<p>Santa Maria Area Subbasin (adjudicated area) is designated as a very low priority basin. The adjudicated areas of the Santa Maria Basin are managed by the Northern Cities Management Area, Nipomo Mesa Management Area, and Santa Maria Valley Management Area. The Santa Maria Basin Fringe Areas – County of San Luis Obispo GSA is the GSA for the non-adjudicated fringe areas of the basin within the County. This subbasin consists of an adjudicated area and other non-adjudicated fringe areas. However, only the priority of the non-adjudicated fringe areas was assessed, which include the Ziegler Canyon Fringe Area in San Luis Obispo County and other fringe areas in Santa Barbara County.</p> <p>Arroyo Grande Subbasin is designated as a very low priority basin and is not subject to the requirements of SGMA due to the DWR prioritization; however, the County and City of Arroyo Grande as GSAs in the basin are committed to developing a GSP by 2022.</p> <p>Staff and the consultant team have completed the final Arroyo Grande Subbasin Groundwater Sustainability Plan and will be posting the final GSP on the basin website.</p> <p>For more information, please visit: www.slocounty.ca.gov/santamariabasin or www.slocounty.ca.gov/agbasin</p>
<p>Paso Basin</p>	<p>Paso Basin is designated as a high priority basin subject to critical conditions of overdraft. The Paso Basin – County of San Luis Obispo GSA and three other GSAs within the basin entered into an agreement to develop a single GSP for the basin and coordinate via the Paso Basin Cooperative Committee (PBCC).</p>

	<ul style="list-style-type: none"> • The PBCC and Paso Basin GSAs submitted the amended GSP to DWR by the July 20, 2022 deadline which addresses deficiencies identified in DWR’s initial assessment of the Paso Basin GSP. DWR will provide a final determination of the GSP late 2022/early 2023. • Paso Basin Sustainability Committee formed (grower-led Committee to work with GSAs on GSP implementation) • Fall groundwater levels are being measured in October 2022 • Grant Update (\$7.6M) <ul style="list-style-type: none"> ○ Funding for Implementation Projects • The next PBCC meeting is on October 26, 2022. <p>For more information, please visit: www.slocounty.ca.gov/pasobasin</p>
<p>Cuyama Basin</p>	<p>Cuyama Basin is designated as a high priority basin subject to critical conditions of overdraft. The Cuyama Basin GSA was formed through a Joint Powers Agreement (JPA) and is an independent agency governed by a Board of Directors for Cuyama Basin. An amended GSP was submitted to DWR on July 20, 2022. DWR will provide a final determination of the GSP late 2022/early 2023.</p> <ul style="list-style-type: none"> • Currently, the JPA is finalizing policies to implement pumping reductions for 2023 and 2024 in the Central Management Area, and the policy for new well permits in compliance with Governor’s Executive Order N-7-22 • The next Cuyama Basin GSA Advisory and Board meetings are on October 27, 2022 and November 2, 2022, respectively <p>For more information, please visit: www.cuyamabasin.org</p>
<p>San Luis Obispo Basin</p>	<p>San Luis Obispo Basin is designated as a high priority basin. The County and City of San Luis Obispo GSAs, in coordination with other basin partners through the Groundwater Sustainability Commission (GSC) developed and submitted a GSP for the SLO Basin to DWR by the January 31, 2022 statutory deadline.</p> <ul style="list-style-type: none"> • Fall groundwater levels are being measured in October 2022 • Grant spending plan and application being developed for the DWR Sustainable Groundwater Management Implementation Grant Round 2 • The next GSC meeting is on November 4, 2022 <p>Interested parties are encouraged to participate in the basin specific efforts by attending workshops and meetings of the GSC for the San Luis Obispo Basin.</p> <p>For more information, please visit: https://www.slocounty.ca.gov/slobasin</p>
<p>Adelaida Area</p>	<p>The Adelaida Area is not a DWR designated groundwater basin; however, the San Luis Obispo County Flood Control and Water Conservation District is coordinating with the U.S. Geological Survey (USGS) and the Upper Salinas-Las Tablas Resources Conservation District (RCD) to conduct a hydrogeologic study within the Adelaida area. The goal of the study is to provide a better understanding of the of the</p>

groundwater conditions in the Adelaida area so that informed decisions can be made about managing local water resources.

- On June 8, 2021, the Board of Supervisors directed staff to proceed with Task 2 which consists of new data collection, including but not limited to: groundwater level data, water quality sampling, and surface-water monitoring.
- Staff returned to the Board on January 25, 2022 to authorize a Joint Funding Agreement between the District and USGS to begin work on Task 2.
- Staff held a public meeting with USGS and the Upper Salinas-Las Tablas Resource Conservation District on 4/25 to solicit participation and provide updates on the next steps of the Study.
- County Staff, USGS, and the RCD are currently working with landowners in the study area to complete Task 2, which includes establishing a groundwater level monitoring network, water quality sampling, and surface water monitoring.

For more information, please visit:

- <https://www.slocounty.ca.gov/adelaidastudy>
- https://www.usgs.gov/centers/ca-water/science/evaluation-groundwater-resources-adelaida-area-san-luis-obispo-county?qt-science_center_objects=0#qt-science_center_objects

County SGMA website – The County has a SGMA website with an interactive mapping tool available for each medium and high priority basin in the county. Residents can verify whether a specific parcel is within a priority basin boundary and, therefore, whether the parcel is subject to SGMA requirements. The following websites include other informative materials, such as SGMA fact sheets and recent presentation materials. Visit the websites and basin-specific page links to learn more and to sign up for the County’s SGMA email list.

WRAC members and interested stakeholders are encouraged to join the various mailing lists for groundwater basin management efforts:

San Luis Obispo County’s SGMA Website and Mailing List Sign-up

<http://www.slocounty.ca.gov/sgma>

California Department of Water Resources (DWR) SGMA Website and Mailing List

<https://water.ca.gov/Programs/Groundwater-Management/SGMA-Groundwater-Management>

d) Integrated Regional Water Management (IRWM)

The RWMG recommended and WRAC supported Prop. 1 Round 2 IRWM Implementation Grant Application is on the Board of Supervisors Agenda for November 1st. If approved by the Board, the application must be submitted to DWR by February 1st. The recommended suite of projects is shown below:

Project Sponsor	Project Name	Total Project Cost	Grant Funding Recommendation
City of Morro Bay	Indirect Potable Reuse	\$8,709,715	\$1,200,000
City of Pismo Beach	Central Coast Blue, Phase 1	\$54,469,000	\$1,000,000
Oceano CSD	Water Resource Reliability Projects	\$1,160,530	\$600,000
SLOCFC&WCD	Master Water Report Information System	\$1,645,729	\$549,755
San Miguel CSD	Water Reliability Projects	\$4,497,000	\$300,000*
SLOCFC&WCD	Grant Admin	\$ 132,374	\$ 132,374
Total		\$70,614,348	\$3,782,129

* San Miguel's project had 3 components; this covers the entire estimated cost of one specific component.

Staff will update the Committee on Nov. 2nd on the Board's actions Nov. 1st.

To be notified of the upcoming meetings and project selection process, sign up for the email list, located at: www.slocounty.ca.gov/irwm.

A summary of open and pending IRWM grants is below:

Prop 1E Stormwater Flood Mgmt Grant (2011)	\$2,797,000	Close-out	
Flood Control Zone 1/1A - Modified 3a Project	\$2,797,000	Close-out	Flood Control District
Prop 84 Implementation Grant (2011)	\$10,401,000	Close-out	
Los Osos Wastewater Project	\$5,945,444	Complete	County of SLO
Flood Control Zone 1/1A - Modified 3c Project	\$2,200,000	Complete	Flood Control District
Nipomo Supplemental Water Project	\$2,200,000	Complete	Nipomo CSD
Grant Administration	\$55,556	Complete	Flood Control District
Prop 1 Disadvantaged Community Involvement 2017	\$877,563	Complete	
FCD Funding Administration	\$20,700	Complete	Flood Control District
Disadvantaged Community Needs Assessment	\$67,738	Complete	Flood Control District
Water Resource Reliability Program, Phase 2	\$177,750	Complete	Oceano CSD
Turnout Pump Station Design & Water Master Plan Update	\$177,750	Complete	City of Grover Beach
Water Res. Recovery Facility, SLO Value Engineering at 60% Design	\$78,125	Complete	City of SLO
Reservoir Expansion Project & Water Master Plan Update	\$177,750	Complete	San Simeon CSD
Wastewater Plant Upgrade Study and Recharge Basin Study	\$177,750	Complete	San Miguel CSD
Prop 1 Implementation Grant, Round 1	\$2,782,130	In Progress	
Grant Administration	\$155,000	In Progress	Flood Control District
One Water SLO, MBR/UV Component	\$1,314,530	In Progress	City of SLO
8th Street Well Construction	\$238,100	In Progress	Los Osos CSD

Supplemental Water Project, Final Phase	\$800,000	In Progress	Nipomo CSD
Water Resource Reliability Program, Projects #1-1, #1-9	\$274,500	In Progress	Oceano CSD
Prop 1 Implementation Grant, Round 2 (est. award date: mid 2023)	\$3,782,129		
TBD	TBD	TBD	Project Sponsors

For questions, contact:
 Brendan Clark, IRWM Program Manager
 Email: bclark@co.slo.ca.us
 Phone: (805) 788-2316

e) Master Water Report (MWR) Update

Over the summer, the District Board of Supervisors approved a contract with Carollo Engineers, Inc. to develop the Master Water Report Update and Information System. This occurred on June 7, 2022: <https://agenda.slocounty.ca.gov/iip/sanluisobispo/agendaitem/details/14655>

Compilation of data sources and analysis is underway, as well as stakeholder outreach. This outreach has included County IT/GIS, County Planning & Building, County Groundwater Sustainability, SLOCOG and LAFCO.

County staff will be presenting a detailed update as Item #3 of this month’s meeting.

f) State Water Project (SWP)

Updates on Board items related to State Water:

1. On October 18, 2022, the District Board authorized funding and approved continued participation in the preliminary planning of the Delta Conveyance Project (DCP). <https://agenda.slocounty.ca.gov/iip/sanluisobispo/agendaitem/details/15298>
2. On October 18, 2022, during the consent agenda “review and approval,” District Staff pulled “Attachment 5 – Proposed Guidelines for Allocation of Emergency State Water Project (SWP) Water” from agenda item #9 in response to Subcontractors who requested additional time for review and comment. The guidelines will be on the SWSAC’s agenda for review/discussion on 11/4. Staff will then return to the Board for approval of the guidelines and to secure authorizations related to the emergency allocation of SWP water. <https://agenda.slocounty.ca.gov/iip/sanluisobispo/agendaitem/details/15349>

g) Desalination Executable Solution and Logistics Plan (DESAL Plan)

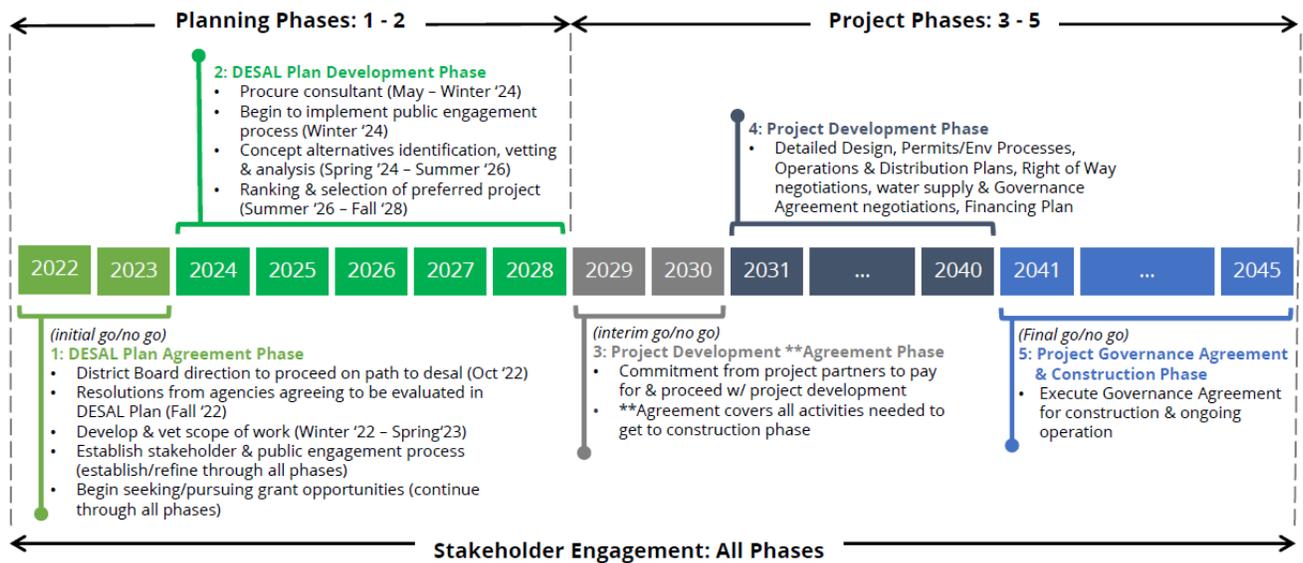
Desalination, the process of removing salt from seawater and/or brackish water to create freshwater, can provide a safe, long term, drought-proof and resilient water supply. On October 18, 2022, the District Board of Supervisors adopted a resolution authorizing staff to proceed with developing a

DESAL Plan in coordination with other participating water-purveying agencies and stakeholders and to pursue grants to offset project costs. This kicks off Phase 1 of a 5-Phase effort to identify and implement a desalination project in San Luis Obispo County.

In addition to developing a stakeholder outreach and engagement plan and seeking grant funding opportunities, the next step in Phase 1 is for potential partner agencies to adopt resolutions agreeing to be considered in the DESAL Plan. Then, together with these participating agencies, District staff will develop and vet a scope of work to bring back to the District Board in Summer 2023.

Originally introduced at the May WRAC meeting, the following graphic lays out a potential timeline and phase descriptions for a desalination project. For more information, please visit the County's new DESAL Plan webpage at <https://www.slocounty.ca.gov/DESAL>.

Desalination Executable Solution And Logistics Plan **DESAL Plan***



h) Various County Water Programs, Policies, and Ordinances

The County Department of Planning & Building's website for its water conservation programs in Nipomo Mesa, Paso Basin, and Los Osos: <https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Countywide-Water-Conservation-Program.aspx>

Nipomo Mesa

Offset Programs. The County is continuing to process building permits subject to the County's water offset fees at a 1:1 ratio to fund the Cash for Grass, Washer Rebate, and Plumbing Retrofit Programs, available for both residential and commercial uses. Funding is currently limited for the rebate programs and applications are accepted on a first-come, first-served basis. Applicants in the Nipomo CSD service area may pay the CSD's supplemental water fee to meet the County's offset requirement.

For more information, visit: [https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Programs-and-Services/Nipomo-Mesa-Water-Conservation-Area-\(NMWCA\).aspx](https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Programs-and-Services/Nipomo-Mesa-Water-Conservation-Area-(NMWCA).aspx)

Paso Basin

Offset Programs. The 1:1 water offset requirement for new construction in the Paso Basin expired on January 1, 2022. Any construction permits submitted after this date are not required to offset their water use. There are now limited funds available for the Cash for Grass, Washer Rebate, and Plumbing Retrofit Programs, available for both residential and commercial uses. A well meter will still be required for compliance with Title 19.

The County also continues to manage the Agricultural Offset Program in the Paso Basin that requires property owners to verify that new and expanded irrigated commercial crops are not increasing their existing water use on-site, based on a 5 year look back period, with a 5 AFY exemption for sites that do not have existing irrigation and are outside of the area of severe decline. On July 12th, 2022 the BOS extended the program expiration date through to August 31st, 2023 or until the Paso Basin Land Use Management Area Planting Ordinance is in effect, whichever is sooner. For more information, visit: [https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Programs-and-Services/Paso-Robles-Groundwater-Basin-\(PRGWB\).aspx](https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Programs-and-Services/Paso-Robles-Groundwater-Basin-(PRGWB).aspx).

The recent Executive Order N-7-22 does not inhibit the agricultural offset clearance program, with the exception that new well applications must be reviewed by Environmental Health (EHS) and the relevant GSA, per the requirements of the EO.

Paso Basin Land Use Management Area Planting Ordinance (LRP2021-00001). Proposal by the County of San Luis Obispo to amend Title 8 and Title 22 of the San Luis Obispo County Code and the Agriculture and Conservation and Open Space Elements of the San Luis Obispo County General Plan to require ministerial planting permits for crop production irrigated from groundwater wells within the Paso Basin Land Use Management Area ("Planting Ordinance") through 2045 with a 25 acre-feet per year per site exemption. A Final Programmatic Environmental Impact Report (FPEIR) has been prepared that identifies significant impacts related to air quality, biological resources, cultural resources, geology and soils, greenhouse gas emissions, hydrology and water quality, land use and planning, tribal cultural resources, and utilities and service systems. Districts 1 and 5. The draft ordinance/General Plan Amendments and FPEIR are available on the project website: <https://www.slocounty.ca.gov/Departments/Planning-Building/Grid-Items/Community-Engagement/Active-Planning-Projects/Paso-Basin-Land-Use-Planting-Ordinance.aspx>

This project is scheduled for Planning Commission hearing on October 27, 2022 and Board of Supervisors hearing on December 6, 2022.

Los Osos

Updated Guide to Planning Information for Development in Los Osos. This website is currently the best resource for FAQ concerning what type of development is currently allowed within Los Osos:

<https://www.slocounty.ca.gov/Departments/Planning-Building/Grid-Items/Community-Engagement/Communities-Villages/Los-Osos.aspx>. Topics covered include but are not limited to:

- Which types of permit applications are currently being accepted for processing;
- Status of the building moratorium and waitlist for undeveloped parcels in the sewer service area (still in place); and
- Status of the Communitywide Habitat Conservation Plan.

Offset Requirement. The retrofit-to-build program within the community of Los Osos is allowing property owners to retrofit washers and/or hot water recirculation pumps within and outside the prohibition zone to acquire retrofit credits to offset water use for new development at a 2:1 ratio. Program information is available at: <https://www.slocounty.ca.gov/Departments/Planning-Building/Department-Divisions/Agriculture,-Water,-and-Energy/Water-Programs/Programs-and-Services/Los-Osos-Groundwater-Basin-Plumbing-Retrofit-to-Bu.aspx>

Water Offset Study. The County has hired [Maddaus Water Management Inc.](#) to prepare a study to update water usage estimates for urban and rural residences sourcing water from the Los Osos Groundwater Basin, propose new water conservation measures for the retrofit-to-build program, and estimate remaining water savings potential for the community. The project schedule has been extended to a six-month timeline to secure usable results and facilitate a thorough exploration of potential water conservation measures. Updates will be posted at:

<https://www.slocounty.ca.gov/Departments/Planning-Building/Grid-Items/Community-Engagement/Active-Planning-Projects/Los-Osos-Water-Offset-Study.aspx>

Los Osos Community Plan. The Los Osos Community Plan ("LOCP") is being reviewed by the California Coastal Commission and a hearing date has not yet been scheduled. On December 15, 2020, the County Board of Supervisors adopted the Los Osos Community Plan ("LOCP") update and Final Environmental Impact Report ("FEIR"). The LOCP policies are still subject to change based on California Coastal Commission review. The LOCP and FEIR considered by the Board on December 15 are available at: <https://www.slocounty.ca.gov/LosOsosPlan-1.aspx>.

Accessory Dwelling Units (ADU). On February 11, 2022, the California Coastal Commission voted to approve the County's Coastal ADU Ordinance with staff suggested modifications, including not allowing ADUs in Los Osos and Cambria, outlined in the staff report available at: <https://www.coastal.ca.gov/meetings/agenda/#/2022/2> (agenda item #16d). On August 9, 2022, the BOS decided to extend the timeline of incorporating Coastal Commission's suggested modifications until 2023.

Please contact waterprograms@co.slo.ca.us

Rainfall and Reservoir Updates

Sub-Region	Area / Rain Station	Average Annual Rainfall	2021-22 Water Year Total Rainfall	2022-23 Water Year												Cumulative Total	% of Total Average	
				July 22	Aug 22	Sep 22	Oct 22	Nov 22	Dec 22	Jan 23	Feb 23	Mar 23	Apr 23	May 23	Jun 23			
North Coast	Cambria Area (ALERT #717)	22.0	14.65 (67%)	0	0	1.10	0 ^A										1.10	5%
	Whale Rock Reservoir (County Site #166.1)	16.0	11.64 (73%)	0	0	0.76	C										0.76	5%
	Paso Robles (County Site #100)	14.1	11.66 (83%)	0	0	0.29	0 ^A										0.29	2%
Inland	NE Alacadero (ALERT #711)	17.0	8.51 (50%)	0	0	0.47	0 ^A										0.47	3%
	Alacadero MWC (County Site #34.0)	17.5	12.07 (69%)	0	0	0.63	0 ^A										0.63	4%
	Santa Margarita (ALERT #723)	24.0	11.97 (50%)	0	0	E	0 ^A										0	0%
	Salinas Dam (ALERT #719)	20.9	13.94 (67%)	0	0	E	0 ^A										0	0%
South Coast	Rocky Butte (ALERT #703)	40.0	30.02 (75%)	0	0	E	0 ^A										0	0%
	SLO Reservoir (ALERT #749)	24.0	13.48 (56%)	0	0	1.34	0 ^A										1.34	6%
	Lopez Dam (ALERT #737)	21.0	12.94 (62%)	0	0	2.70	0.01 ^A										2.71	13%
	Nipomo South (ALERT #730)	16.0	8.35 (52%)	0	0	1.36	0 ^A										1.36	9%
	Nipomo East (ALERT #728)	18.0	10.43 (58%)	0	0	0.94	0 ^A										0.94	5%

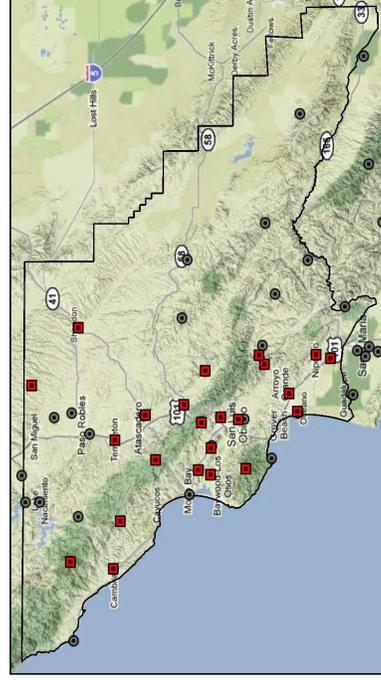
A - Report generated at 1:00 PM on 10/25/2022
 B - Data reflects the total rain recorded at this site.
 C - Data reflects the total rain recorded at this site.
 D - Missing data
 E - Planned maintenance outage; data to be included in future update.

Reservoir Update

Reservoir	Date	Water Elevation (ft)	Spillway Elevation (ft)	Storage (acre-feet)	Capacity (%)
Nacimiento Reservoir	October 25, 2022	718.60	787.75 - 800.0 (rigid body roadway)	66,080	17%
	September 29, 2021	705.90		43,700	12%
San Antonio Reservoir	October 25, 2022	675.30	760.0	31,400	9%
	September 29, 2021	665.50		22,710	7%
Lopez Reservoir	October 25, 2022	458.85	522.7	11,366	23%
	October 25, 2021	468.62		14,870	30%
Salinas Reservoir (Santa Margarita Lake)	October 25, 2022	1,280.56	1300.7	12,011	50%
	October 25, 2021	1,284.00		13,475	57%
Whale Rock Reservoir	October 18, 2022	194.90	218.3	27,816	71%
	September 29, 2021	197.20		28,919	74%
Twitchell Reservoir	October 25, 2022	n/a	651.5	0	0%
	September 29, 2021	n/a		0	0%

Note 1: Historically, Twitchell Reservoir elevation gauge does not report values below 539 ft. Twitchell Reservoir was designed for protection from flood and drought. Excess rain runoff is stored in the reservoir protecting the valley from flood, then water is released as quickly as possible while still allowing it to recharge the groundwater basin.
 Note 2: In May 2014, the Whale Rock Commission adopted a new Bathymetric Study and Volumetric Analysis with new lake capacity and spillway elevation values. Those new values are reflected in this report.

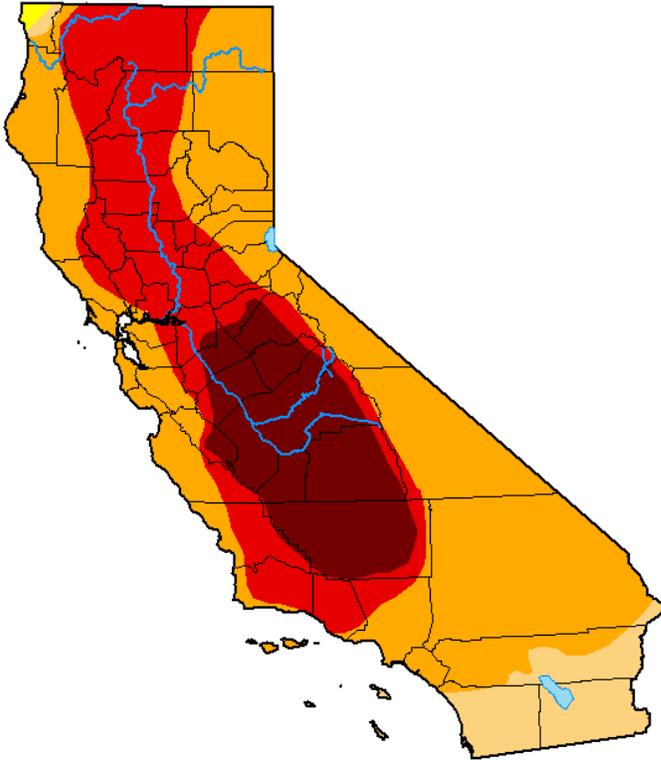
Select Real-Time Rain Gauges in SLO County



Notes:
 Sites maintained by County staff are identified with red squares.
 Sites maintained by other agencies are identified with black circles.
 For more information, please email PW.WR.1 TechUnit@slo.co.us.

U.S. Drought Monitor California

October 25, 2022
(Released Thursday, Oct. 27, 2022)
Valid 8 a.m. EDT



Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	0.00	100.00	99.77	91.83	43.06	16.57
Last Week 10-18-2022	0.00	100.00	99.77	91.83	40.91	16.57
3 Months Ago 07-26-2022	0.00	100.00	99.78	97.47	59.81	12.74
Start of Calendar Year 01-04-2022	0.00	100.00	99.30	67.62	16.60	0.84
Start of Water Year 09-27-2022	0.00	100.00	99.76	94.01	40.91	16.57
One Year Ago 10-26-2021	0.00	100.00	100.00	93.81	83.33	38.74

Intensity:

- None
- D0 Abnormally Dry
- D1 Moderate Drought
- D2 Severe Drought
- D3 Extreme Drought
- D4 Exceptional Drought

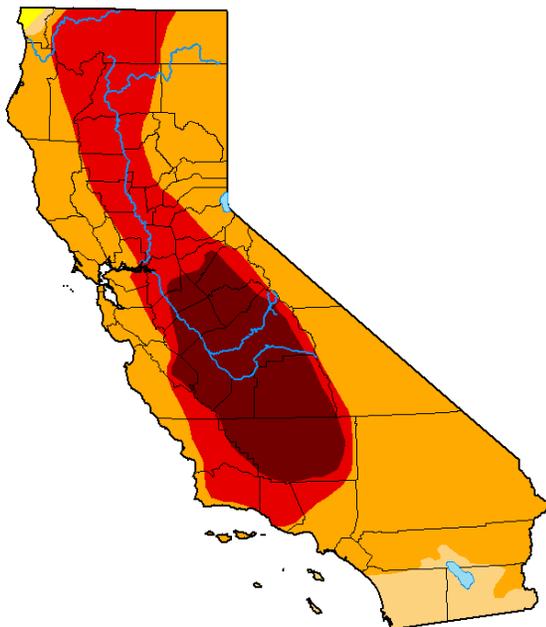
The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. For more information on the Drought Monitor, go to <https://droughtmonitor.unl.edu/About.aspx>

Author:

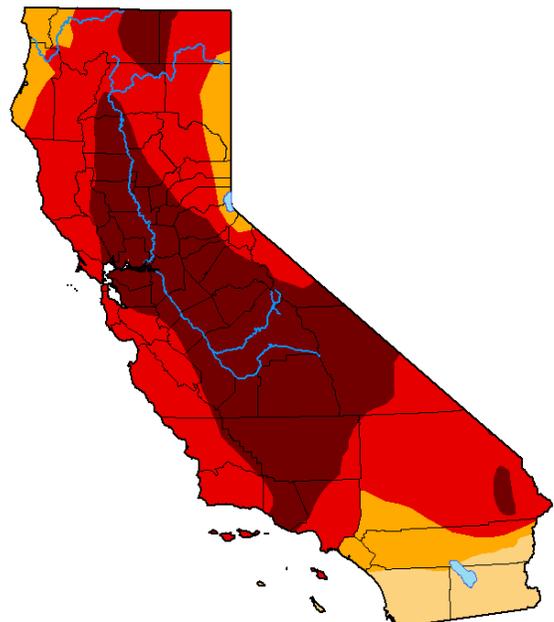
Adam Hartman
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu



October 11, 2022



October 26, 2021

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: November 2, 2022

SUBJECT: Item 7: Future Agenda Items

Upcoming Meetings

In an effort to maximize our in-person meetings together, we are targeting some meetings to be specifically "in-person" and others as informal/informational. So looking ahead to the rest of the fall, we are expecting to have two informational (quorum not necessary) meetings in September and December, and two meetings where in-person is greatly requested, in October and November.

December 7: (potentially informational only, pending if quorum is necessary or not)

- LID Handbook Updates, County Public Works
- Additional Topic TBD

Areas of Interest – Future

- Consider Recreational use of water resources to be under purview of WRAC
- Update on policies and studies related to groundwater in fractured rock
- Update on Salinas Reservoir Dam Project
- Well permitting regulation as a tool for groundwater management
- Desalination opportunities
- Nacimiento and San Antonio Lake Tunnel Project
- Regional Water Quality Control Board – Stormwater Capture
- Biosolids Updates (i.e. barriers, regulations, etc.)
- City and/or Sector panel discussions
- Nursery & landscape panel discussion

Excerpt from WRAC By-laws dated September 1, 2020

Administration: The Secretary, in cooperation with the Chairperson, shall prepare the agenda for each regular and special meeting of the WRAC. Any WRAC member may contact the Secretary and Chairperson and request that an item be placed on the regular meeting agenda no later than 4:30 p.m. twelve calendar days prior to the applicable meeting date. Such a request must be also submitted in writing either at the time of communication with the Secretary or delivered to the County Public Works Department within the next working day. Consideration of the request by the Secretary, in cooperation with the Chairperson, for inclusion on the agenda will be limited to include review for consistency with District and Board of Supervisors priorities, the mandate of the WRAC, and available time.