

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, April 5, 2023
1:30 pm

Via Zoom Teleconference:

<https://us06web.zoom.us/j/88647250277?pwd=NDRwQXVqMjZkVzN2Z0x5RkR3QmNDUT09>

Call-in information: 1 (669) 900 6833, Meeting ID: 886 4725 0277, Passcode: 181580

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

WRAC Agenda

1.	Introductions & Welcome	1:30pm
2.	Consider Approval of February 1, 2023 WRAC Meeting Minutes	1:35pm
3.	Consider Submitting 2022 Annual Report to the District Board of Supervisors	1:40pm
4.	Elections for Chairperson and Vice-Chairperson	1:45pm
5.	Consider forming an Ad Hoc committee to Review the Committee Bylaws	1:50pm
6.	Receive Brief Update from County Staff on the Arroyo Grande Creek Levee and repairs	1:55pm
7.	Receive Presentation from County staff on the DESAL Plan	2:05pm
8.	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	2:25pm
9.	Future Agenda Items	2:40pm
10.	Public Comment for Items not on the Agenda	2:50pm
11.	Adjourn Meeting	3:00pm

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

Next Regular Meeting: May 3, 2023, 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 **February 1, 2023** 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**

The number of voting Members present is 14; quorum met.

2) **Approval of October 5, 2022 WRAC Meeting Minutes**

Item start time ~ [00:05:55](#)

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

T. Walters moves to approve the October 5, 2022 meeting minutes and C. Mulholland seconds the motion. Motion carries 14-0-0.

3) **Approval of November 2, 2022 WRAC Meeting Minutes**

Item start time ~ [00:06:27](#)

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

E. Greening moves to approve the November 2, 2022 meeting minutes and B. Burchett seconds the motion. Motion carries 13-0-1.

C. Mulholland comments on November Agenda Item 4 regarding the Ad Hoc Committee bylaws and asks if that item will be revisited again at a future meeting this year. A. Pease responds.

D. Chipping comments that the format of the meeting minutes is insufficient, and requests additional details to be provided.

E. Greening comments in agreement with D. Chipping and provides an example of how the minutes could be improved.

D. Logan comments that the WRAC meeting minutes are formatted similar to how other public agencies format their minutes and are usually accompanied by a recording of the meeting to provide additional information.

J. Guthrie comments in agreement with D. Logan adding that the WRAC minutes are far more detailed than the action minutes produced for the Arroyo Grande City Council.

T. Walters asks if a link can be provided to the audio/video meeting recording on the minutes with added timestamp notations for agenzized items. B. Clark responds.

E. Greening comments on the thoroughness of the minutes produced by the San Luis Obispo Council of Governments and the required support and compensation for that level of detail. A. Pease responds.

4) Consider Endorsing Application by Tayler Simpson for Member, Development At-Large

Item start time ~ [00:12:45](#)

A. Pease introduces the item and B. Clark comments on the Committee's role in the process of endorsing At-Large positions.

T. Walters comments in support of endorsing Tayler Simpson for Member, Development At-Large.

T. Simpson introduces himself and provides background on his experience for endorsement consideration.

C. Mulholland moves to endorse Tayler Simpson's application for the Development At-Large position and E. Greening seconds the motion. Motion passes 14-0-0.

E. Greening comments on an Alternate Environmental At-Large vacancy, noting that Tom Burhenn is now the Member representative for District 4.

B. Clark comments on the application process moving forward after WRAC endorsement and expects endorsement to be presented to the County Board of Supervisors for approval at the end of February with 10 other City Council and CSD appointment changes. A. Pease responds.

5) Presentation from County Staff regarding updates to the County's LID Manual

Item start time ~ [00:18:00](#)

NOTE: Items 5 and 6 were switched from the original order presented on the Agenda.

A. Pease introduces the item and Ann Gillespie presents updates to the County's LID Manual.

D. Chipping comments on onsite irrigation storage and asks if the manual will have any requirements on cisterns. A. Gillespie responds.

E. Greening comments on impermeable surfaces such as roofs and asks if there are any incentive programs for cisterns. A. Gillespie responds.

E. Greening asks whether chains being used as a method of water drainage, which had been done for a brief period, would be promoted in the manual. A. Gillespie responds.

A. Pease asks if the rain chains are just an aesthetic down spout. A. Gillespie responds.

A. Pease asks if any training opportunities would be available and who that training would be targeted for. A. Gillespie responds.

T. Walters asks if the draft is available now and if WRAC would have an opportunity to review the draft. A. Gillespie responds.

A. Pease asks, in terms of magnitude, if the 2500 square feet of hardscape is the trigger and if there is a requirement below that. A. Gillespie responds.

A. Pease asks which groups will be contacted for plan review. A. Gillespie responds.

T. Walters asks about presenting to the Regional Board and if feedback is expected after review. A. Gillespie responds.

D. Chipping asks if there will be a water table to depth analysis for the region. A. Gillespie responds.

C. Mulholland comments on drainage issues in a subdivision near Laguna Lake in San Luis Obispo and how this analysis could be beneficial during development review processes.

A. Pease asks if there are enough case studies and example projects. A. Gillespie responds.

6) Open Discussion regarding recent storms and flooding

Item start time ~ [00:40:27](#)

A. Pease introduces the item and B. Clark begins open discussion on the January storm and flooding events.

E. Greening asks how soon it was anticipated that the storm was going to be intense and comments on the need for an improved warning system to advise drivers not to be out due to a severe storm approaching. B. Clark responds.

G. Grewal comments on the need for an improved local storm warning system, the mismanagement of clearing pathways for water drainage, replenishment of the Paso Basin via local watersheds, and reporting of water diversions to DWR.

D. Chipping asks for clarification on the Approximate Recurrence of Peak Rain Intensity table provided during the presentation. B. Clark and T. Barnhart respond.

B. Zuniga presents on the on the storm response efforts in the Arroyo Grande Creek and Oceano area.

E. Greening asks how the knowledge gained from these storm systems would affect the implementation of Central Coast Blue and what decisions or approvals still need to be made for the project. J. Guthrie responds.

J. Edwards asks when downstream releases were stopped at Lopez Lake. B. Zuniga responds.

L. Chipping asks why the AG Creek levee breached and comments on debris/logs being the cause of the levee breach in 2001. B. Zuniga responds.

D. Chipping comments on Lopez Lake spilling over and asks if the County is preparing for more rain/flooding events in the future. A. Pease and B. Zuniga responds.

WRAC members share and comment on submitted photos of flooding that took place throughout the county (*discussion/photo presentation begins at [01:04:50](#)*).

C. Mulholland describes recent and past flooding/rain events from 1995 on and around her property in the Laguna Lake area.

D. Logan describes recent flooding of a Templeton CSD treated percolation pond.

N. Teague describes the recent flooding of numerous areas, creeks, and roads throughout the City of San Luis Obispo.

C. Mulholland comments on the Mid-Higuera plan, the efforts of a Zone 9 project to bring a section of the SLO Creek up to a 25-year flood capacity, confluence and creek flows within the watershed, and how a large area of the landscape and City of San Luis Obispo is in a floodplain.

D. Chipping comments that strands of sediment clearly show that at some point, the SLO Creek had spilled the bank on the west side of HWY 101 near Madonna Road prior to being developed.

C. Mulholland describes HWY 101 at Los Osos Valley Road and at Marsh Street being completely underwater during recent and previous storm events, and periodic flooding will likely continue in these and other areas.

D. Chipping comments on flooding and the water levels in Choro Creek and Los Osos Creek, how the woodlands that are now preventing sediment from going into Morro Bay are affecting these water levels, and the need to recalculate what a 100 year storm would do in the flood plain.

J. Guthrie comments on local flooding and debris in Arroyo Grande, that 7 homes were flooded from the Talley Ho Creek, and adds that many of the new drainage projects were successful during recent storm events.

N. Teague comments on operations and capacity of the Salinas and Whale Rock reservoirs during the recent storms.

A. Pease comments on the nexus between recent storm events and the LID and keeping in mind what tools may be put into place to prepare for stormwater.

L. Chipping appreciates the County Public Works real-time rain, stream and reservoir website. A. Pease and B. Clark respond.

7) **Ongoing Updates**

Item start time ~ [01:24:20](#)

a) Rain & Reservoir Report
No comment

b) California Drought Monitor Summary
E. Greening comments on the recent rains and hopes they were enough to replenish the reserves for tree roots to negate any potential fire damage when temperatures begin to warm up.

c) Groundwater Basin Management Efforts
A. Pease comments on the Groundwater Sustainability Commission meeting for the SLO/Edna Basin to take place on March 15th at 3:30pm.

E. Greening asks when communication from DWR is expected regarding the Paso Basin GSP. B. Reely responds.

d) Integrated Regional Water Management (IRWM)
B. Clark comments that the IRWM Prop 1 Round 2 grant application was submitted before the deadline.

E. Greening comments on a grant currently available for Central Coast Blue and asks how much of the total is now in hand and how much still needs to be collected.

J. Guthrie responds.

e) Master Water Report (MWR) Update

B. Clark comments that the data and information audit phase of the project is near completion.

f) State Water Project (SWP)

No comment

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

No comment

h) Various County Water Programs, Policies, and Ordinances

D. Chipping asks about the status of the Paso Basin Planting Ordinance and upcoming Board hearing. E. Greening and B. Burchett respond.

B. Clark comments that the County Planning Department did send out a Notice of Hearing a few hours prior to the WRAC meeting and it will be posted to the WRAC website after the meeting.

i) Open Reporting on Water Conservation Opportunities & Information

No comment

8) Future Agenda Items

Item start time ~ [01:31:41](#)

A. Pease notes that a follow up item on Committee bylaws will be agendaized for the March meeting, and that a macro weather presentation from John Lindsey is planned and awaiting confirmation.

9) Public Comment for Items not on the Agenda

Item start time ~ [01:32:10](#)

J. Edwards asks if rainwater capture and storage concepts will be agendaized for an upcoming meeting; comments on the use of inflatable or rubber dams for stormwater capture during future rain events. A. Pease responds.

D. Howard comments that the February 3-4th SLO Beaver Brigade fundraiser is sold out, adding that the SLO Beaver Brigade will host its first annual SLO Beaver Festival on April 1st at Mission Plaza.

WATER RESOURCES ADVISORY COMMITTEE (WRAC) 2023

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

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

25 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Water Resources Advisory Committee - Roll Call Vote Form
Meeting Date: 2/1/2023

Organization	Representative	ITEM 2: October Minutes					ITEM 3: November Minutes					ITEM 4: Endorsement of Member, Development At-Large				
		AYE	NO	ABSTAIN	ABSENT	AMOUNT	AYE	NO	ABSTAIN	ABSENT	AMOUNT	AYE	NO	ABSTAIN	ABSENT	AMOUNT
District 1	Melanie Blankenship	M														
District 2	Elizabeth Cowart	(Vacant)														
District 3	Neal MacDougall	M														
District 4	Michael Nordstrom	M	X													
District 5	Natalie Riser	M														
	Thomas Burkhenn	M														
	Erica Byland	M	X													
	Allen Duxworth	M														
	Patrizia Pappalardo	M														
AT-LARGE																
Agriculture At-Large	(Vacant)	M														
Agriculture At-Large	(Vacant)	M														
Development At-Large	Tim Walters	M	X													
Environmental At-Large	Christina Mulholland	M	X													
Environmental At-Large	Debra Howard	M	X													
Environmental At-Large	David Chipping	M	X													
Environmental At-Large	Stephanie Wald	M	X													
RCDs																
Coastal San Luis RCD	Linda Chipping	M	X													
Upper Salinas RCD	Jessica Cutchfield	M														
	George Kendall	M														
	Tom Meza	M														
OTHERS																
Atascadero Mutual	John Nall	M														
California Men's Colony	Jame Hendrickson	M														
Camp SLO	Scott Buffone	M														
County Farm Bureau	Mike Schwartz	M														
Cuesta College	Jubilee Safdie	M														
Golden State Water	Steve Carter	M														
	Brent Burchett	M	X													
	(Vacant)	M														
	Matt Cook	M														
	Matt Zimmer	M														
Shandon-San Juan Water District	Stephan Sinton	M														
Estrella El Pomar Creation Water District	Marshall Miller	M														
	Lee Neabitt	M	X													
	Hilary Graves	M														
CITIES																
City of Arroyo Grande	Lyn George	M														
City of Atascadero	Kristen Barnech	M														
	Charles Bourbeau	M														
City of Grove Beach	Robert Robert	M														
	(Vacant)	M														
City of Marro Bay	Laurel Barton	M														
City of Paso Robles	Greg Kwdek	M														
City of Plamo Beach	Christopher Alakai	M														
	Kirk Gonzales	M														
City of San Luis Obispo	Mircea Guthrie	M														
	Shelia Blake	M														
	Andy Justice	M	X													
	Jan Diaz	M														
CSDs																
Avila Beach CSD	Brad Higemann	M														
Cambria CSD	(Vacant)	M	X													
Heritage Ranch CSD	Ray Diezgo	M	X													
Los Osos CSD	Melissa Bland	M														
	Scott Duffield	M														
Nipomo CSD	Jason Molinari	M														
	Chuck Caceria	M														
Oceans CSD	Ron Munds	M														
	Richard Makarovse	M	X													
San Miguel CSD	Linda Austin	M														
	Shirley Gison	M	X													
San Simeon CSD	Kelly Dodds	M														
	Dustin Pitman	M														
Templation CSD	(Vacant)	M	X													
	Dierra Logan	M														
	Frank Meyer	M														
		A	14	0	0	0	0	0	0	0	13	0	0	1	0	34
		A														0

QUORUM (MIN. 12) : _____

MOTION 1

Item #: 2 Pass/Fail: _____ Pass _____

Motion Maker: T. Walker Second: C. Mulholland

AYE: 14 NO: 0 ABSTAIN: 0 ABSENT: 0

Approval of October 5, 2022 WRAC Meeting Minutes

MOTION 2

Item #: 3 Pass/Fail: _____ Pass _____

Motion Maker: E. Greening Second: B. Burchett

AYE: 13 NO: 0 ABSTAIN: 1 ABSENT: 0

Approval of November 2, 2022 WRAC Meeting Minutes

MOTION 3

Item #: 4 Pass/Fail: _____ Pass _____

Motion Maker: C. Mulholland Second: E. Greening

AYE: 14 NO: 0 ABSTAIN: 0 ABSENT: 0

Endorsement of Taylor Simpson for Member, Development At-Large

MOTION 4

Item #: _____ Pass/Fail: _____

Motion Maker: _____ Second: _____

AYE: _____ NO: _____ ABSTAIN: _____ ABSENT: _____

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

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TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: April 5, 2023

SUBJECT: Item 3: Consider Submitting 2022 Annual Report to the District Board of Supervisors

Recommendation

Discuss the draft WRAC 2022 Annual Report and consider any comments or revisions. Approve the annual report with any amendments for submittal to the Board of Supervisors.

Discussion

As stated in the WRAC By-laws, Article V.2,

“The Chairperson, in cooperation with the Secretary, shall prepare an Annual Report for review by the WRAC no later than the March meeting date. The Annual Report shall include a summary of WRAC activities, actions and outcomes for the previous year, and current status of continuing efforts. The Annual Report shall be forwarded to the Board of Supervisors after review by the WRAC.”

All comments to the draft report shall be discussed at the meeting. Any approved amendments shall be incorporated into the report before final submittal to the Board of Supervisors.

Attachment

1. 2022 Draft Annual Report Letter
2. Summary of Meetings 2022
3. Attendance 2022 (Member and Guest)



Andy Pease
Chairperson

Ray Dienzo
Vice Chairperson

Brendan Clark
Secretary

County Government Center, Room 206
San Luis Obispo CA 93408

PH (805) 781-5252
FX (805) 781-1229

MEMBERS

- Melanie Blankenship
District 1
- Vacant
District 2
- Michael Nordstrom
District 3
- Thomas Burhenn
District 4
- Allen Duckworth
District 5
- Jim Guthrie
Arroyo Grande
- Charles Bourbeau
Atascadero
- Clint Weirick
Grover Beach
- Laurel Barton
Morro Bay
- Christopher Alakel
Paso Robles
- Marcia Guthrie
Pismo Beach
- Andy Pease
San Luis Obispo
- Brad Hagemann
Avila Beach CSD
- Ray Dienzo
Cambria CSD
- Scott Duffield
Heritage Ranch CSD
- Chuck Cesena
Los Osos CSD
- Ed Eby
Nipomo CSD
- Allene Vila
Oceano CSD
- Kelly Dodds
San Miguel CSD
- Vacant
San Simeon CSD
- Debra Logan
Templeton CSD
- Linda Chipping
Coastal San Luis RCD
- George Kendall
Upper Salinas RCD
- Steve Carter
County Farm Bureau
- Vacant
Agriculture At-Large
- Vacant
Agriculture At-Large
- Eric Greening
Environmental At-Large
- Christine Mulholland
Environmental At-Large
- David Chipping
Environmental At-Large
- Taylor Simpson
Development At-Large
- John Neil
Atascadero MWC
- Scott Buffalo
California Men's Colony
- Vacant
Camp SLO
- Steve Sinton
Shandon-San Juan WD
- Lee Nesbitt
Estrella El Pomar
Creston WD
- Vacant
Cuesta College
- Matt Cook
Golden State Water

April XX, 2023

Honorable John Peschong
Chair, Board of Supervisors
San Luis Obispo County Flood Control and Water Conservation District
1050 Monterey Street
San Luis Obispo, CA 93408

Subject: Water Resources Advisory Committee 2022 Annual Report

Honorable Supervisor Gibson:

Attached is the 2022 Water Resources Advisory Committee Annual Report. It summarizes the highlights of our meeting activities. The presentations and action items often evoke diverse, lively dialog among those in attendance.

WRAC continues to serve as the advisory body for water resources for the District Board of Supervisors, with the broad view of promoting water resilience through regional cooperation. Each WRAC meeting provides an opportunity to hear updates from staff, share successes and concerns with each other, and learn about best practices and innovative programs from experts throughout the county and the state. WRAC members and public stakeholders on our mailing lists receive monthly updates on rainfall, reservoir levels, drought status, basin management activities, funding opportunities and more. Meetings in 2022 were held virtually in January and March, and in person starting in May. Regardless of the format, between 35 and 45 members and public participants attended each meeting. To continue allowing for broad access to meetings, we have continued to provide an option for virtual participation, though voting members must be in-person.

Highlights from 2022 include our multiple presentations and discussions about drought conditions and response in San Luis Obispo. Multiple industry professionals updated the committee on the latest systems used to maximize water efficiency and reuse in SLO County. Other highlights were multiple Master Water Report Presentations and providing public forum/comment opportunity for relevant water-related County initiatives and projects.

Purpose of the Committee

To advise the County Board of Supervisors concerning all policy decisions relating to the water resources of the SLO County Flood Control & Water Conservation District. To recommend to the Board specific water resource programs. To recommend methods of financing water resource programs. *WRAC By-Laws dated September 1, 2020*



Andy Pease
Chairperson

Ray Dienzo
Vice Chairperson

Brendan Clark
Secretary

County Government Center, Room 206
San Luis Obispo CA 93408

PH (805) 781-5252
FX (805) 781-1229

MEMBERS

Melanie Blankenship
District 1
Vacant
District 2
Michael Nordstrom
District 3
Thomas Burhenn
District 4
Allen Duckworth
District 5
Jim Guthrie
Arroyo Grande
Charles Bourbeau
Atascadero
Clint Weirick
Grover Beach
Laurel Barton
Morro Bay
Christopher Alakel
Paso Robles
Marcia Guthrie
Pismo Beach
Andy Pease
San Luis Obispo
Brad Hagemann
Avila Beach CSD
Ray Dienzo
Cambria CSD
Scott Duffield
Heritage Ranch CSD
Chuck Cesena
Los Osos CSD
Ed Eby
Nipomo CSD
Allene Vila
Oceano CSD
Kelly Dodds
San Miguel CSD
Vacant
San Simeon CSD
Debra Logan
Templeton CSD
Linda Chipping
Coastal San Luis RCD
George Kendall
Upper Salinas RCD
Steve Carter
County Farm Bureau
Vacant
Agriculture At-Large
Vacant
Agriculture At-Large
Eric Greening
Environmental At-Large
Christine Mulholland
Environmental At-Large
David Chipping
Environmental At-Large
Taylor Simpson
Development At-Large
John Neil
Atascadero MWC
Scott Buffalo
California Men's Colony
Vacant
Camp SLO
Steve Sinton
Shandon-San Juan WD

Lee Nesbitt
Estrella El Pomar
Creston WD
Vacant
Cuesta College
Matt Cook
Golden State Water

WRAC is a valuable forum for purveyors, organizations, community members, and others to stay informed about water resources, District staff projects & programs, and more. We added many new members to start the year, and we look forward to continuing to lead, inform and inspire our members and the broader community about our region's water resources, including upcoming discussions on DESAL, MWR, Flood Control, water conservation and more.

On April 5th, the WRAC approved this report for submittal to your Board.

Sincerely,

Andy Pease, Chair
Water Resources Advisory Committee

Purpose of the Committee

To advise the County Board of Supervisors concerning all policy decisions relating to the water resources of the SLO County Flood Control & Water Conservation District. To recommend to the Board specific water resource programs.

To recommend methods of financing water resource programs.

WRAC By-Laws dated September 1, 2020

**Water Resources Advisory Committee (WRAC)
2022 Annual Report**

SUMMARY OF MEETINGS

January 5, 2022

- Update on State Water Project Water Management Tools and associated WRAC Subcommittee, and Consider Actions by County Staff
- Presentation on Master Water Report Update by County Staff

March 2, 2022

- Presentation on Per- and Polyfluoroalkyl Substances (PFAS) by Regional Water Quality Control Board
- Presentation on Beavers' role in healthy water systems in San Luis Obispo County by SLO Beaver Brigade

May 4, 2022

- Joint meeting with Regional Water Management Group (RWMG)
- Review and Discuss Proposed San Luis Obispo County Flood control and Water Conservation District Budget for FY 2022/2023 and Consider Actions
- Presentation on Proposition 1, Round 2 IRWM Grant

June 1, 2022

- Presentation on Governor's updated Drought Emergency Proclamation by County Staff
- Presentation on rainwater catchment and other drought-responsive landscape strategies by Purlieu Landscapes

July and August 2022

Summer recess – No meetings.

September 7, 2022

- Presentation on Stream Flow Enhancement Program by Creek Lands Conservation
- Presentation on Draft Paso Basin Planting Ordinance by County Planning and Building.

October 5, 2022

- Presentation on Water Reuse Projects by Wallace Group
- IRWM Proposition 1, Round 2 Grant Project Selection Update, and Consider Support

November 2, 2022

- Presentation on Master Water Report and Information System Update
- Presentation on Sustainability of Paso Robles Groundwater Basin by David Chipping

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	Melanie Blankenship	M												
	Elizabeth Covert	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)		(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	X	
	Dolores Howard	A					X	X			X	X	(X)	
Environmental At-Large	Eric Greening	M			X		X	X				X	X	
	Tom Burhenn	A	X				X				(X)		X	
Environmental At-Large	David Chipping	M	X		X		X	X			X	X	X	
	Stephnie Wald	A									(X)			
RCDs														
Coastal San Luis RCD	Linda Chipping	M	X		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	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	X	
	Brent Burchett	A	X		X			X			(X)	(X)	X	
Cuesta College	(Vacant)	M												
	(Vacant)	A												
Golden State Water	Matt Cook	M					X	X				(X)	(X)	
	Mark Zimmer	A	X		X		X	(X)					(X)	
Shandon-San Juan Water District	Stephen Sinton	M					(X)				(X)	X		
	Marshall Miller	A											(X)	
Estrella-EI Pomar-Creston Water District	Lee Nesbit	M	X		X			X				X	X	
	Hilary Graves	A	X											
CITIES														
City of Arroyo Grande	Lan George	M			X		(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	(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	X	
	Jan Marx	A												
CSDs														
Avila Beach CSD	Brad Hagemann	M												
	(Vacant)	A												
Cambria CSD	Ray Dienzo	M	X		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	(X)	
Nipomo CSD	Ed Eby	M	X		X		X	X			X	X		
	Richard Malvarose	A												
Oceano CSD	Linda Austin	M			X		X							
	Shirley Gibson	A						X						
San Miguel CSD	Kelly Dodds	M									(X)		(X)	
	Dustin Pittman	A												
San Simeon CSD	Charles Grace	M	X											
	(Vacant)	A												
Templeton CSD	Debra Logan	M	X		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					X	
	Brandon Zuniga	Staff	X				X				(X)	X		
	Angela Ford	Staff										X		
	Brendan Clark	Staff	X		X		X	X			X	X	X	
	Joey Steil	Staff	X		X		X	X			X	X	X	
	Jenny Williamson	Staff					X				(X)	(X)	X	
	May Thiri Kyaw	Staff					X				X	X	X	

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

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

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

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

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: April 5, 2023

SUBJECT: Item 4: Elections for Chairperson and Vice-Chairperson

Recommendation

Elect Chairperson and Vice-Chairperson for the 2023-2024 term.

Discussion

As stated in the WRAC By-laws, Article V, the WRAC shall elect a Chairperson and Vice-Chairperson at the March meeting. These officers shall be selected from the members of the WRAC and elected by a majority vote of the members present.

There are no official rules adopted by the WRAC to conduct elections, but historically, Roberts Rules of Order are used as a good guideline to conduct nominations and elections.

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

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TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: April 5, 2023

SUBJECT: Item 5: 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.

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

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TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: April 5, 2023

SUBJECT: Item 8: Ongoing Updates

Recommendation

Receive updates on various ongoing efforts.

Discussion

a) **Rain & Reservoir Report.** See attached report.

b) **Drought Updates.**

- As part of SB-552, County's are required to have standing Drought Task Force. Ours is led by the County of SLO Office of Emergency Services (OES).
- OES last went to the Board on December 13, 2022.
 - The Staff report can be found here: <https://agenda.slocounty.ca.gov/iip/sanluisobispo/agendaitem/details/15621>
 - The Board extended the Drought Declaration for 60 days.
- It is anticipated that OES will return to the Board later this Spring.
- 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>

	<ul style="list-style-type: none"> • The Draft Fall 2022 Los Osos Basin Lower Aquifer Water Quality Monitoring Results and Updated Chloride Metric was distributed to basin stakeholders on January 26, 2023. The Draft Fall 2022 Los Osos Basin Lower Aquifer Water Quality Monitoring Results and Updated Chloride Metric were reviewed at the February 15, 2023 BMC Meeting and final results, including water levels and results from the first water and upper aquifer monitoring, will be included in the 2022 Annual Report. • The BMC met on March 15, 2023, regarding the following items: 1) appointment of new directors, 2) election of officers, 3) presentation from the Regional Water Quality Control Board on nitrates, 4) update on a technical memo from Cleath-Harris on the estimated increase in sustainable yield based on GSP project “Program C”. • The next BMC meeting is currently scheduled for April 19, 2023, but may be cancelled or rescheduled depending on the need. <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> <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.</p> <ul style="list-style-type: none"> • The EC met on March 22, 2023 to 1) approve the Water Year 2021-2022 Annual Report which will be submitted by the April 1st deadline to DWR, and 2) receive and file a brief update on the groundwater model refinement. • No additional meetings are scheduled at this time. <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 have prepared a GSP. DWR</p>

	<p>plans to fly Airborne Electromagnetic (AEM) Surveys over the Arroyo Grande Subbasin to collect geophysical data in April. More information can be found at the following website: https://water.ca.gov/programs/sgma/aem</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. On March 3, 2023, DWR recommended “approval” of the GSP. An expanded report is expected in the coming months. • The Annual Report for Water Year 2022 was approved at the March 16, 2023, Special PBCC meeting and will be submitted by the April 1, 2023 deadline. • Technical Advisory Committees (TAC) were set for the following groups 1) Expanded Monitoring Network, 2) Blended Water Supply, 3) Multibenefit Irrigated Land Repurposing (MILR) Program. These TACs will provide guidance and feedback on implementation of grand-funded projects and programs and will report progress at subsequent PBCC meetings. • The County is submitting an application for grant funds under the California Department of Conservation Multibenefit Land Repurposing Program block grant to develop and implement a MILR Program. • Spring groundwater levels are to be measured during April 2023. • The next PBCC meeting is scheduled for April 26, 2023. <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 is expected to provide a final determination of the GSP during the first quarter of 2023.</p> <ul style="list-style-type: none"> • The GSA is finalizing policies to implement pumping reductions for 2023 and 2024 in the Central Management Area and expect to issue final allocations at its May 3, 2023 Board meeting. • New well permit policies have been approved by the Board and are available on the GSA's website. • A Groundwater Extraction Fee Public Hearing to set the Fiscal Year 2023-2024 fee is scheduled for May 3, 2023. • The next Cuyama Basin GSA Advisory and Board meetings are scheduled for April 27, 2023 and May 3, 2023, 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"> • A \$7.6 million application for grant funds was successfully submitted to the California Department of Water Resources for grant implementation round 2; draft award announcements expected in April/May 2023. • The GSC approved the Annual Report for Water Year 2021-2022 which will be submitted to DWR by the April 1st deadline. • Spring groundwater levels will be measured during April 2023. • The next GSC meeting is scheduled for June 8, 2023. <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 groundwater conditions in the Adelaida area so that informed decisions can be made about managing local water resources.</p> <ul style="list-style-type: none"> • 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. • 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. • USGS has established the initial groundwater level monitoring network, installed a stream gage along the Paso Robles Creek, and will continue to collect groundwater and surface water data. <p>For more information, please visit:</p> <ul style="list-style-type: none"> • 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 was approved by the Board of Supervisors for submittal at the November 1st, 2022 meeting. 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.

The application was submitted on 1/31/2023.

At this time, additional IRWM-related grant opportunities are not anticipated. To be notified of the upcoming meetings or any project-related documents, visit 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	Complete	
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	Close-out	Nipomo CSD
Water Resource Reliability Program, Projects #1-1, #1-9	\$274,500	Close-out	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

Last 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>

Task Three, the Data and Information Audit, is, for all intents and purposes, complete. The Carollo team is currently compiling and reviewing the feedback from County Staff, other agencies, and the public. Task Four, the Alternatives Analysis and Selection and Task 5, Development, have started. Internal stakeholder outreach has continued as it relates to water data and the County's requirements for hosting the completed software solution. This outreach has included County IT/GIS, County Planning & Building, County Groundwater Sustainability, SLOCOG and LAFCO.

Staff expects to provide WRAC a more detailed update in June or September.

f) State Water Project (SWP)

- The 2023 SWP allocation increased on 3/24/23 to 75%. This amounts to 18,750-AF for SLO County.
- The next State Water Subcontractors Advisory Committee (SWSAC) meeting will be held on May 5, 2023, at 10:00 AM at the County Government Center, Room D361, San Luis Obispo, CA.

For more information, please visit <https://www.slocounty.ca.gov/Departments/Public-Works/Committees-Programs/State-Water-Project-and-Subcontractors-Advisory-Co.aspx>

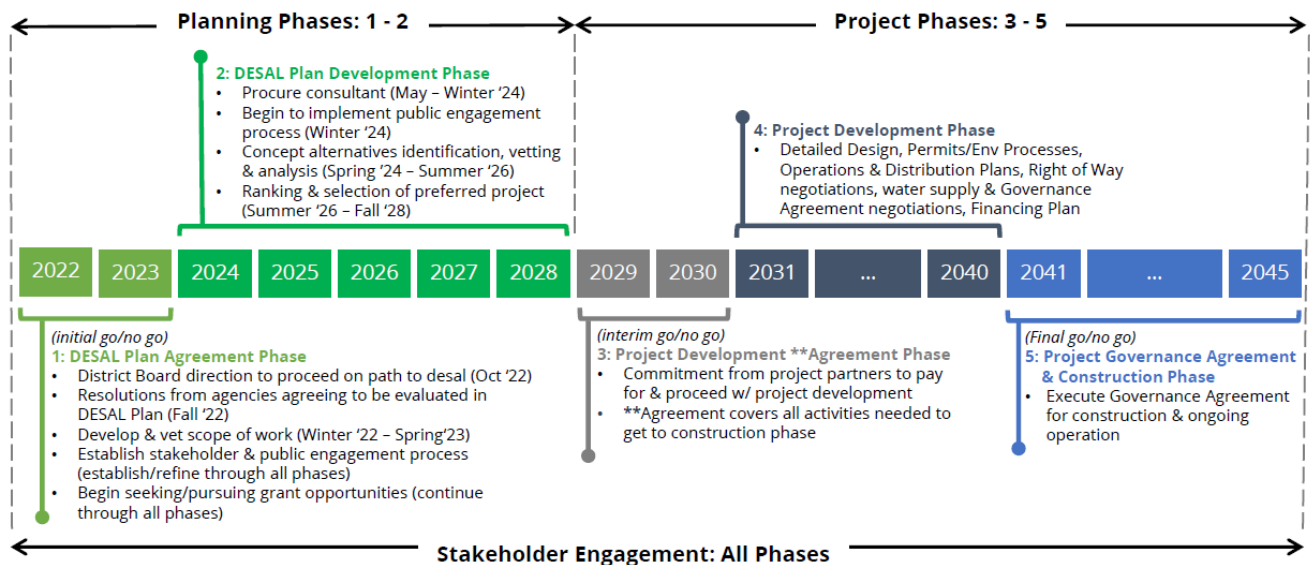
g) Desalination Executable Solution and Logistics Plan (DESAL Plan)

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. Last October, the District Board of Supervisors authorized staff to move forward on a path to desalination in coordination with other participating water purveying agencies and stakeholders. Since then, District staff has taken steps to pursue grant funding through the United States Bureau of Reclamation (USBR) and partner agencies have adopted resolutions agreeing to be considered in the DESAL Plan.

District staff anticipates returning to the Board of Supervisors on April 18, 2023, with an update on the DESAL Planning effort, a resolution agreeing to USBR's grant terms (should grant be awarded), and a request for direction to return to the Board with a Consultant Contract to begin developing the DESAL Plan.

Originally introduced at the May 2022 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 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 the 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. In the Paso Robles Groundwater Basin, there are limited funds available for the Cash for Grass, Washer Rebate, and Plumbing Retrofit Programs, available to both residential and commercial property owners. A well meter is required for compliance with Title 19.

The Ag Offset ordinance 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. In January 2023, the BOS extended the Ag Offset program through August of 2028. 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).

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](https://www.slocounty.ca.gov/Departments/Planning-Building/Grid-Items/Community-Engagement/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 is expected to be completed by June 2023. Updates are 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 April 4, 2023, the County BOS will review Coastal Commission's suggested modifications. Please use the following link to access the agenda when it is published:

<https://www.slocounty.ca.gov/Home/Meetings-Calendar.aspx> [Meetings-Calendar - County of San Luis Obispo](#)

Please contact waterprograms@co.slo.ca.us for further information or questions.

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	1.55	10.01	10.94	4.12	11.67 ^A				39.39	179%
	Whale Rock Reservoir (County Site #166.1)	16.0	11.64 (73%)	0	0	0.76	0.03	0.99	5.78	8.47	3.41					19.44	121%
	Paso Robles (County Site #100)	14.1	11.66 (83%)	0	0	0.29	0	0.89	6.77	10.46	3.13	6.82 ^A				28.36	201%
Inland	NE Alacadero (ALERT #711)	17.0	8.51 (50%)	0	0	0.47	0	1.26	7.09	10.56	3.39	5.67 ^A				28.44	167%
	Alacadero MWC (County Site #34.0)	17.5	12.07 (69%)	0	0	0.63	0	1.70	7.67	15.12	4.19	7.76 ^A				37.07	212%
	Santa Margarita (ALERT #723)	24.0	11.97 (50%)	0	0	1.22	0	1.56	11.02	15.03	6.86	11.08 ^A				46.77	195%
	Salinas Dam (ALERT #719)	20.9	13.94 (67%)	0	0	1.24	0	1.74	13.08	15.59	7.45	11.18 ^A				50.28	241%
South Coast	Rocky Butte (ALERT #703)	40.0	30.02 (75%)	0	0	3.23	0	4.09	26.83	26.95	8.04	26.43 ^A				95.57	239%
	SLO Reservoir (ALERT #746)	24.0	13.48 (56%)	0	0	1.34	0	1.16	13.19	15.66	5.52	14.47 ^A				51.34	214%
	Lopez Dam (ALERT #737)	21.0	12.94 (62%)	0	0	2.70	0.01	2.16	10.59	12.88	5.89	12.42 ^A				46.65	222%
	Nipomo South (ALERT #730)	16.0	8.35 (52%)	0	0	1.36	0	0.93	5.77	7.45	4.47	5.67 ^A				25.65	160%
	Nipomo East (ALERT #728)	18.0	10.43 (58%)	0	0	0.94	0	0.83	8.10	10.91	5.68	10.06 ^A				36.52	203%

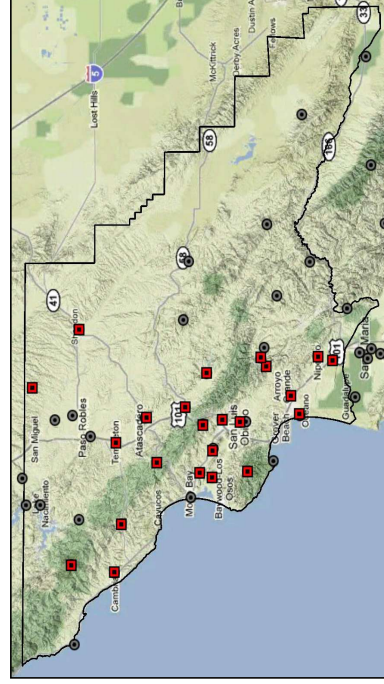
Notes:
 A - Report generated at 1:00 PM on 3-29-2023
 B - Data reference station was recorded at this site.
 C - Information not available at time of update.
 D - Missing data
 E - Planned maintenance outage; data to be included in future update.

Reservoir Update

Reservoir	Date	Water Elevation (ft)	Spillway Elevation (ft)	Storage (acre-feet)	Capacity (%)
Nacimiento Reservoir	March 29, 2023	794.55	787.75 - 800.0 (rigid body analysis)	347,420	92%
	April 11, 2022	734.50		103,765	27%
San Antonio Reservoir	March 29, 2023	753.40	760.0	209,260	62%
	April 11, 2022	681.70		38,305	11%
Lopez Reservoir	March 29, 2023	523.25	522.7	49,988	10%
	March 31, 2022	467.10		14,365	29%
Salinas Reservoir (Santa Margarita Lake)	March 29, 2023	1,301.96	1300.7	24,742	104%
	March 31, 2022	1,286.50		14,912	63%
Whale Rock Reservoir	March 23, 2023	217.20	218.3	38,967	100%
	April 6, 2022	199.00		29,802	76%
Twitchell Reservoir	March 29, 2023	625.0	651.5	112,933	58%
	April 11, 2022	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.1TechUnit@slo.co.us.

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: April 5, 2023

SUBJECT: Item 10: Future Agenda Items

Upcoming Meetings

May 3rd:

- Presentation from County Staff on the Fiscal Year 2023-24 Flood Control District Budget and Consider Actions
- Water Conservation Programs Update

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
- Mater Water Report Update
- Desalination opportunities / DESAL Plan
- 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.