

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

City of SLO Council Chambers
990 Palm Street, San Luis Obispo CA 1:30 pm

Wednesday, March 4, 2020

AGENDA

1.	Determination of a Quorum and Introductions	1:30 pm
2.	Approval of December 4, 2019 Meeting Minutes	1:35 pm
3.	Elections for Chairperson and Vice-Chairperson	1:45 pm
4.	Ongoing Updates: a. Rain & Reservoir Report b. California Drought Monitor Summary c. Groundwater Basin Management Efforts d. Integrated Regional Water Management (IRWM) e. Stormwater Resource Plan (SWRP) V f. Various County Water Programs, Policies, and Ordinances g. Open Reporting on Water Conservation Opportunities & Information	2:00 pm
5.	Check-in on 02-26-2019 Water Conservation Measures Recommendations Letter from WRAC to Board of Supervisors	2:20 pm
6.	State Water Project Overview	2:35 pm
7.	Discuss Water Agency Updates for 2020	3:05 pm
8.	Discuss Future Agenda Items	3:15 pm
9.	Public Comment	3:20 pm

--- Adjourn by 3:30 pm ---

Next Regular Meeting: April 1, 2020, 1:30 pm
 City of SLO Council Chambers
 990 Palm Street, San Luis Obispo CA

Please note new website:
<http://www.slocounty.ca.gov/wrac>

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 August 20, 2019

MINUTES (Draft)

Chairperson: Andy Pease
Vice Chairperson: Linda Seifert
Secretary: Ray Dienzo

The following action minutes are listed as they were acted upon by the Water Resources Advisory Committee (WRAC) and as listed on the Regular Meeting agenda for **December 4th, 2019** together with staff reports and related documents attached thereto and incorporated therein by reference.

The audio recording of the meeting and materials submitted to the WRAC are available online: <http://www.slocountywater.org/site/Water%20Resources/Advisory%20Committee>

Call to order at 1:30 PM

1. Determination of a Quorum and Introductions

A quorum of 18 is established

2. Approval of October 2, 2019 Meeting Minutes

C. Mulholland suggests wording of "compromised" in section 6, paragraph 2 be changed to "agreed", Tribune in section 9 to be capitalized, and "suggest" changed to "suggests" in previous minutes.

L. Seifert corrects section 3 item b from "M. Broadhurst" to "M. Boerman"

A motion by T. Walters which is seconded by C. Mulholland to approve corrected meeting minutes. (14-0-4)

3. Ongoing Updates:

a. Rain & Reservoir Report

No comments

b. Groundwater Basin Management Efforts

No comments

c. Integrated Regional Water Management (IRWM)

No comments

d. Stormwater Resource Plan (SWRP)

No comments

e. Various County Water Programs, Policies, and Ordinances

E. Greening asks about the progression of Morro City Bay Council study related to delta bypass project and it is answered that the board of supervisors will have a study session before voting to move forward in funding the project.

C. Mulholland asks about cash for grass program ownership and is briefly answered that the County gets money from building permits which goes to retrofits, but R. Dienzo states that Planning will have a more thorough answer at the next meeting.

f. Open Reporting on Water Conservation Opportunities & Information

No comments

g. WRAC 2020 Regular Meeting Schedule

No comment

4. Presentation on Urban Water Loss Audits and Leak Detection Technologies by City of San Luis Obispo

M. Boerman and M. Henderson from City of San Luis Obispo present on the progression of the City's water loss auditing program. The elements of the presentation are as follows:

- Recent law requires water retailers (>3000 AF) to submit a yearly water loss audit.
- The City implemented new AWWA audit software and the state provided free training.
- The City recorded 4700 acre-feet in water supplied and 4400 through approved activity, which provides a water loss of 300 acre-feet.
- In this time, 199 acre-feet of loss was due to leaks (real loss) and 112 was due to nonlegitimate loss caused by meter inaccuracy (apparent loss).

- The City values apparent loss at the retail water price and real loss at the cost it takes to send replacement water for each acre-foot lost, but they do not include cost of line break repairs.
- The first resolution to apparent losses is meter testing, which discovered an 8" meter with a minimum register of 60 gpm; this led the City to break the meter into two 6" meters that registered starting at 0.75 gpm instead.
- The City has standardized their meters using Ultrasonic meters. Ultrasonic ¾" meters have the accuracy of 1/16 gpm starting.
- The City is setting up DMAs to break up regions and find smaller-scale losses.
- The City is implementing Leak Detection Correlators that use sound waves to pinpoint leaks within 2 feet.
- Zone sensing attaches to fire hydrants to set up an acoustic profile that can detect small leaks early.
- Pressure management directly correlates with leakage losses; 10% pressure reduction leads to a 10% reduction in losses due to leaks.

5. Update from WRAC and Agriculture Liaison Advisory Board (ALAB) Collaboration Sub-Committee

L. Seifert states that the first meeting set the sub-committee's goals of describing common goals between groups, identify funding and legislature measures, and identifying messages common to both organizations.

6. Updates from Agencies on Water Issues Relevant to Their Group or Agency

No comments

7. Discuss Future Agenda Items

Mark Battany will give soil, moisture, and evapotranspiration updates.

The water conservation committee had 7 recommendations; during the February meeting these will be reviewed.

D. Chipping asks what the update in Los Osos conservation plan will do to address the availability of water resources.

8. Public Comment

C. Mulholland recommends the book *The Dreamt Land* about California's water history.

Meeting Adjourned at 2:35 pm.

DRAFT

Water Resources Advisory Committee - Roll Call Vote Form
Meeting Date: 12/4/19

Organization	Representative		MOTION 1				MOTION 2				MOTION 3				MOTION 4			
			AYE	NO	ABSTAIN	ABSENT	AYE	NO	ABSTAIN	ABSENT	AYE	NO	ABSTAIN	ABSENT	AYE	NO	ABSTAIN	ABSENT
DISTRICT																		
District 1	Dennis Loucks	M																
	(Vacant)	A																
District 2	(Vacant)	M	X															
	Neal MacDougall	A																
District 3	Linda Seifert	M	X															
	Natalie Risner	A																
District 4	Jim Garing	M																
	(Vacant)	A																
District 5	Greg Grewal	M	X															
	(Vacant)	A																
AT-LARGE																		
Agriculture At-Large	Kurt Bollinger	M																
	(Vacant)	A																
Agriculture At-Large	George Kendall	M	X															
	(Vacant)	A																
Development At-Large	Greg Nester	M																
	Tim Walters	A	X															
Environmental At-Large	Christine Mulholland	M	X															
	(Vacant)	A																
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															
	Rob Rutherford	A																
Upper Salinas RCD	Michael Broadhurst	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	John Reid	M																
	Jubilee Satele	A																
County Farm Bureau	Steve Carter	M																
	James Green	A																
Cuesta College	(Vacant)	M																
	(Vacant)	A																
Golden State Water	Anthony Lindstrom	M																
	Adrian Combes	A																
Shandon-San Juan Water District	Stephen Sinton	M																
	Kevin Peck	A			X													
Estrella El Pomar Creston Water District	Lee Nesbit	M																
	Hilary Graves	A																
CITIES																		
City of Arroyo Grande	Lan George	M			X													
	Kristen Barneich	A																
City of Atascadero	Charles Bourbeau	M																
	Nick DeBar	A																
City of Grover Beach	Desi Lance	M	X															
	(Vacant)	A																
City of Morro Bay	Marlys McPherson	M			X													
	Rob Livick	A																
City of Paso Robles	Christopher Alakel	M																
	Kirk Gonzales	A	X															
City of Pismo Beach	Marcia Guthrie	M																
	Sheila Blake	A																
City of San Luis Obispo	Andy Pease	M	X															
	Carlyn Christianson	A																
CSDs																		
Avila Beach CSD	Brad Hagemann	M																
	(Vacant)	A																
Cambria CSD	Melissa Bland	M																
	John Allchin	A																
Heritage Ranch CSD	Scott Duffield	M																
	Jason Molinari	A																
Los Osos CSD	Chuck Cesena	M																
	Renee Osborne	A																
Nipomo CSD	Craig Armstrong	M			X													
	Ed Eby	A																
Oceano CSD	Cynthia Replogle	M	X															
	Shirley Gibson	A																
San Miguel CSD	(Vacant)	M																
	(Vacant)	A																
San Simeon CSD	Charles Grace	M																
	Renee Osborne	A																
Templeton CSD	Tina Mayer	M																
	Geoff English	A	X															
			14															

QUORUM (MIN. 12) : ___

MOTION 1

Item #: 2 Pass/Fail?: Pass

Motion Maker: T. Walters Second: C. Mulholland

AYE: 14 NO: 0 ABSTAIN: 4 ABSENT:

Minutes- approved as amended

MOTION 2

Item #: _____ Pass/Fail?: _____

Motion Maker: _____ Second: _____

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

MOTION 3

Item #: _____ Pass/Fail?: _____

Motion Maker: _____ Second: _____

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

MOTION 4

Item #: _____ Pass/Fail?: _____

Motion Maker: _____ Second: _____

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

WATER RESOURCES ADVISORY COMMITTEE (WRAC) 2019

Organization	Representative	Member	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
SUPERVISOR DISTRICT														
District 1	Dennis Loucks	M	/	/	/	X	X	/	/	/	X	X	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
District 2	Tom Gray	M	/	/	/	/	/	/	/	/	/	X	/	X
	Neal MacDougall	A	/	/	/	/	/	/	/	/	/	/	/	/
District 3	Linda Seifert	M	/	X	X	/	X	/	/	/	X	X	/	X
	Natalie Risner	A	/	/	/	/	/	/	/	/	/	/	/	/
District 4	Jim Garing	M	/	X	/	X	X	/	/	/	X	X	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
District 5	Greg Grewal	M	/	X	/	X	X	X	/	/	/	X	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
AT-LARGE														
Agriculture At-Large	Kurt Bollinger	M	/	/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
Agriculture At-Large	George Kendall	M	/	X	/	X	/	X	/	/	X	/	/	X
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
Development At-Large	Greg Nester	M	/	/	/	/	/	/	/	/	/	/	/	/
	Tim Walters	A	/	X	X	X	X	/	/	/	X	X	/	X
Environmental At-Large	Christine Mulholland	M	/	/	/	X	X	X	/	/	X	X	/	X
	(Vacant)	A	/	X	X	/	/	/	/	/	/	/	/	/
Environmental At-Large	Eric Greening	M	/	X	X	X	/	X	/	/	X	X	/	X
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
Environmental At-Large	David Chipping	M	/	X	X	X	X	X	/	/	X	X	/	X
	Stephnie Wald	A	/	X	X	/	X	/	/	/	X	X	/	/
RCDs														
Coastal San Luis RCD	Linda Chipping	M	/	X	X	X	X	X	/	/	X	X	/	X
	Rob Rutherford	A	/	/	/	/	/	/	/	/	/	/	/	/
Upper Salinas RCD	Michael Broadhurst	M	/	/	/	/	/	/	/	/	/	/	/	/
	Tom Mora	A	/	X	X	/	X	X	/	/	X	/	/	/
	Devin Best	O	/	/	/	/	/	/	/	/	X	/	/	/
OTHERS														
Atascadero Mutual	John Neil	M	/	/	/	/	/	/	/	/	/	/	/	/
	Jaime Hendrickson	A	/	X	/	/	/	X	/	/	X	/	/	X
California Men's Colony	Scott Buffaloe	M	/	/	/	/	/	/	/	/	/	/	/	/
	Mike Schwartz	A	/	/	/	/	/	/	/	/	/	/	/	/
Camp SLO	John Reid	M	/	X	X	X	X	X	/	/	X	/	/	X
	Jubilee Satele	A	/	/	/	/	/	/	/	/	/	/	/	/
County Farm Bureau	Steve Carter	M	/	/	/	/	/	/	/	/	/	/	/	/
	James Green	A	/	X	X	X	/	/	/	/	X	X	/	X
Cuesta College	(Vacant)	M	/	/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
Golden State Water	Anthony Lindstrom	M	/	X	X	X	/	X	/	/	X	/	/	/
	Adrian Combes	A	/	/	/	X	X	/	/	/	/	/	/	/
Shandon-San Juan Water District	Stephen Sinton	M	/	/	X	X	X	X	/	/	X	/	/	/
	Kevin Peck	A	/	X	/	/	/	/	/	/	/	/	/	/
Estrella-El Pomar-Creston Water District	Lee Nesbit	M	/	X	/	/	X	/	/	/	/	/	/	X
	Hilary Graves	A	/	/	/	/	/	/	/	/	X	/	/	/
CITIES														
City of Arroyo Grande	Lan George	M	/	X	/	X	/	X	/	/	X	/	/	X
	Kristen Barneich	A	/	/	/	/	/	/	/	/	/	/	/	/
City of Atascadero	Charles Bourbeau	M	/	/	X	/	/	/	/	/	/	/	/	/
	Nick DeBar	A	/	/	X	/	/	/	/	/	/	/	/	/
City of Grover Beach	Desi Lance	M	/	X	X	X	X	X	/	/	X	X	/	X
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
City of Morro Bay	Marlys McPherson	M	/	/	/	/	X	/	/	/	X	/	/	X
	Rob Livick	A	/	/	/	/	/	/	/	/	/	/	/	/
City of Paso Robles	Christopher Alakel	M	/	/	/	/	/	/	/	/	/	/	/	/
	Kirk Gonzalez	A	/	/	/	/	X	/	/	/	/	/	/	/
	Keith Larson	O	/	/	/	/	/	/	/	/	/	/	/	/
City of Pismo Beach	Marcia Guthrie	M	/	/	/	/	/	/	/	/	/	/	/	X
	Sheila Blake	A	/	/	/	/	/	/	/	/	/	/	/	/
	Chad Stoehr	O	/	/	/	X	/	/	/	/	/	X	/	X
City of San Luis Obispo	Andy Pease	M	/	X	X	X	X	X	/	/	X	X	/	X
	Carlyn Christianson	A	/	/	/	/	/	/	/	/	/	/	/	/
	Aaron Floyd	O	/	/	/	/	X	/	/	/	X	/	/	/
	Mychal Boerman	O	/	X	X	X	X	X	/	/	X	X	/	X
CSDs														
Avila Beach CSD	Brad Hagemann	M	/	/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
Cambria CSD	Melissa Bland	M	/	/	/	/	/	/	/	/	/	/	/	/
	John Allchin	A	/	/	/	/	/	/	/	/	/	/	/	/
	Amanda Rice	O	/	/	/	/	/	/	/	/	/	/	/	/
Heritage Ranch CSD	Scott Duffield	M	/	/	/	/	/	/	/	/	/	/	/	/
	Jason Molinari	A	/	/	/	/	/	/	/	/	/	/	/	/
Los Osos CSD	Chuck Cesena	M	/	X	X	/	/	X	/	/	/	/	/	/
	Renee Osborne	A	/	/	X	/	/	X	/	/	/	/	/	/
Nipomo CSD	Craig Armstrong	M	/	X	X	X	X	X	/	/	/	X	X	X
	Ed Eby	A	/	X	/	X	X	X	/	/	X	X	/	X
	Mario Iglesias	O	/	/	/	/	/	X	/	/	/	/	/	/
Oceano CSD	Cynthia Replogle	M	/	X	/	X	X	X	/	/	X	X	/	X
	Shirley Gibson	A	/	/	X	X	X	X	/	/	X	/	/	/
	Paavo Ogren	O	/	/	/	/	/	/	/	/	/	/	/	/
San Miguel CSD	(Vacant)	M	/	/	/	/	/	/	/	/	/	/	/	/
	(Vacant)	A	/	/	/	/	/	/	/	/	/	/	/	/
San Simeon CSD	Charles Grace	M	/	/	/	/	/	/	/	/	/	/	/	/
	Renee Osborne	A	/	/	/	/	/	X	/	/	/	/	/	/
Templeton CSD	Tina Mayer	M	/	/	/	/	/	/	/	/	/	/	/	/
	Geoff English	A	/	/	/	/	/	X	/	/	X	/	/	X
STAFF														
Board of Supervisors		Staff	/	/	/	/	/	/	/	/	/	/	/	/
Agricultural Commissioner	Lynda Auchinachie	Staff	/	X	X	X	/	/	/	/	X	/	/	X
Planning and Building		Staff	/	/	/	/	/	/	/	/	/	/	/	/
Public Health Services	Leslie Terry	Staff	/	/	/	/	/	/	/	/	/	/	/	/
		Staff	/	/	/	/	/	/	/	/	/	/	/	/
Public Works	Courtney Howard	Staff	/	/	/	/	/	/	/	/	/	/	/	/
	Ray Dienzo	Staff	/	X	X	X	X	X	/	/	X	X	/	/
	Mladen Bandov	Staff	/	X	/	X	/	/	/	/	/	/	/	X
	Brendan Clark	Staff	/	X	X	X	/	X	/	/	/	/	/	X
	Sarah Crable	Staff	/	X	X	X	X	/	/	/	/	X	/	/

Notes: M = Member; A = Alternate Member; O = Other Representative (Staff, Council, Board, etc.)
 March 4, 2020 Agenda #2

**WATER RESOURCES ADVISORY COMMITTEE (WRAC)
GUEST LIST 2019**

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	/	
Jean-Pierre Wolff	RWQCB	/						/	/	X		/	
Willy Cunha	Shandon-San Juan Water District	/	X					/	/			/	
Mary Margaret McGuine	SSCSD	/	X	X				/	/			/	
Devin Best	USLTRCD	/						/	/	X		/	
Charlie Cote	S+T Mutual Water Co Los Osos	/			X			/	/			/	
Brent Burchett	SLOCounty Farm Bureau	/		X				/	/			/	X
Harold Wright	Public Works	/			X			/	/			/	
Arielle Ellis	Golden State Water	/			X			/	/			/	
John Snyder		/				X		/	/			/	
Cheryl Cunway	Cayucos Citizens Advisory Council	/				X		/	/			/	
Dominic Roques	Central Coast Waterboard	/						/	/	X		/	
Mark Zimmer	Golden State Water	/						/	/	X		/	
Mark Scrudato	Santa Barbara County Water Agency	/						/	/	X		/	
Angelina McKee	City of SLO	/						/	/			/	X
Lucia Mercado	County of SLO	/						/	/			/	X
Ron Munds	Los Osos CSD	/						/	/			/	X
Valerie Bednarski	Tvle Technologies	/						/	/			/	X
		/						/	/			/	
		/						/	/			/	
		/						/	/			/	
		/						/	/			/	
		/						/	/			/	

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: March 4, 2020

SUBJECT: Agenda Item 3: Elections for Chairperson and Vice-Chairperson

Recommendation

Elect Chairperson and Vice-Chairperson for the 2020-2021 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 were used as a good guideline to conduct nominations and elections.

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: March 4, 2020

SUBJECT: Agenda Item 4: Ongoing Updates

Recommendation

Receive updates on various ongoing efforts.

Discussion

- a) **Rain & Reservoir Report:** See attached report.
- b) **California Drought Monitor Summary.** See attached summaries. This analysis is released each Thursday. With rainfall well below average for the 19-20 rainfall year, staff intends to include these summaries for informational purposes.
- c) **Groundwater Basin Management Efforts**

BOARD OF SUPERVISORS MEETINGS AND BASIN UPDATES:

Basin	Update:
Los Osos Basin Fringe Area	<p>The Sustainable Groundwater Management Act (SGMA) requires DWR to reassess groundwater basin prioritization any time it updates Bulletin 118 basin boundaries. On December 18, 2019, DWR released the SGMA 2019 Basin Prioritizations. Basins or subbasins reassess to low or very low priority basins or subbasins are not subject to SGMA regulations. A summary of DWR’s Final SGMA Prioritizations for the Los Osos Area Subbasin and Warden Creek Subbasin are listed below:</p> <ul style="list-style-type: none"> • <u>Los Osos Area Subbasin</u> (adjudicated area) is listed as very low priority for SGMA¹ and in critical conditions of overdraft². Under SGMA, the court approved adjudicated area is exempt from the requirements of SGMA. • <u>Warden Creek Subbasin</u> is listed as very low priority for SGMA.¹ <p>For more information on DWR’s basin prioritization process, please visit: https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization</p>
Atascadero Basin	<p>The Atascadero Basin was re-prioritized to a “very low” priority basin by DWR in 2018 and is, therefore, not subject to SGMA requirements.</p> <p>The Executive Committee of the Atascadero Basin GSA has approved continuing with preparation of a GSP by January 31, 2022 in order to remain eligible for the Atascadero Basin’s awarded GSP Development Grant Funds</p>

¹ As noted by DWR, the priority for the subbasin has been set to very low (0 total priority points) as a result of conditions being met under the sub-component C of the Draft SGMA 2019 Basin Prioritizations.

² Critical conditions of overdraft have been identified in 21 groundwater basins as described in Bulletin 118 (Water Code Section 12924). Bulletin 118 (updates 2003) defines a groundwater basin subject to condition of critical overdraft as: “A basin is subject to critical conditions of overdraft when continuation of present water management practices would probably result in significant adverse overdraft-related environmental, social, or economic impacts.”

	<p>For more information about the Atascadero Basin GSA and GSP Development efforts, please visit: www.atascaderobasin.com</p>
<p>Santa Maria Basin Fringe Area</p>	<ul style="list-style-type: none"> December 18, 2019 – The State Department of Water Resources (DWR) released the Final SGMA 2019 Prioritization (Phase 2). Below are DWR's final prioritizations for Santa Maria Subbasin and Arroyo Grande Subbasin: <ul style="list-style-type: none"> Santa Maria Subbasin – very low priority. 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. Arroyo Grande Subbasin – very low priority. <p>For more information on DWR's basin prioritization process, please visit: https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization</p> <ul style="list-style-type: none"> The development of a GSP for the Arroyo Grande Subbasin is being considered. County staff has been reaching out to the City of Arroyo Grande GSA and other stakeholders in the subbasin regarding the development of a GSP that will include an integrated approach to surface water and groundwater management. The County has also accepted a GSP grant funding award from DWR and is now moving ahead in the consultant procurement process.
<p>Paso Robles Basin</p>	<ul style="list-style-type: none"> On December 17, 2019, the County Board: 1) adopted a resolution i) adopting the Paso Basin GSP, ii) approving Amendment No. 1 to the MOA which removes automatic termination language and allows the Paso Basin GSAs to continue operating under the framework of the MOA, and iii) authorizing the County Director of Public Works to serve as the Paso Basin GSP Plan Manager; and 2) Directed staff to conduct a staffing analysis and return to the Board with recommendations for GSP implementation. The Paso Basin GSAs submitted the Paso Basin GSP to DWR by the January 31, 2020 deadline. DWR then posted the GSP to the SGMA Portal for a public comment period spanning January 31, 2020 to April 15, 2020. The First Annual Report will be brought to the Paso Basin Cooperative Committee at their March 18, 2020 Regular Meeting to consider recommending for submission to DWR by the April 1, 2020 deadline. <p>For more information about the Paso Basin GSP and Annual Report, please visit: http://www.slocounty.ca.gov/pasobasin</p>
<p>Cuyama Basin</p>	<p>On January 15, 2020, the CBGSA Board of Directors submitted the Cuyama Basin GSP to DWR. The next upcoming meeting is March 4, 2020 to discuss the annual report and fee study. For more information on meeting details, please visit: www.cuyamabasin.org.</p>
<p>San Luis Obispo Basin</p>	<ul style="list-style-type: none"> The comment period for draft GSP Chapters 3 & 4 closed on January 31, 2020. March 11, 2020 - The public is invited to join the next regular quarterly GSC meeting. An agenda for this meeting will be posted at SLOWaterBasin.com as soon as it becomes available.

	<ul style="list-style-type: none"> • April 8, 2020 – An interactive workshop (Sustainability Vision and Goals for the San Luis Obispo Valley Groundwater Basin (SLO Basin)) will be held to help stakeholders to define the basin sustainability goals. It will include an overview of key technical terms and the sustainability indicators set by SGMA and a breakout stakeholder group session led by experts in the field. • Other Upcoming GSP Sections/Chapters and/or Milestones in Spring/Summer 2020: <ul style="list-style-type: none"> ○ Chapter 5: Groundwater Conditions ○ Chapter 6: Water Budget ○ Quarterly Newsletters Vol. 3 & 4 • For additional San Luis Obispo Valley Groundwater Basin information or register as an interested party, please visit the newly launched SLO Basin Groundwater Communication Portal: www.slowaterbasin.com • 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.
--	--

County NEW SGMA website – The County has 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 website also includes other informative materials, such as SGMA fact sheets and recent presentation materials. Visit the website and basin-specific page links, 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 Draft 2019 IRWM Plan opened public draft on February 19, 2020 and will continue until March 20, 2020. The RWMG hosted a public draft presentation on February 25, 2020. The Draft Plan, adoption schedule and relevant information is available on the IRWM Plan website www.slocounty.ca.gov/irwm.

The RWMG expects to consider recommending adoption of the 2019 IRWM Plan to Board of Supervisors in an April meeting. It is anticipated the WRAC will consider a recommendation to the Board in May. A Board Hearing is anticipated for June 16, 2020.

The Prop 1 Implementation Grant was submitted December 18 to DWR. The Board of Supervisors authorized the Director of Public Works to file the application at the 11/19 regular BOS meeting. DWR has completed their first eligibility screening and required no additional information submittals from the District. An award for the Central Coast Funding Area is expected in June 2020.

To stay up-to-date on all things IRWM, RWMG, & Prop 1 Grant, sign up for the email list, located at: www.slocounty.ca.gov/irwm.

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

e) Stormwater Resource Plan

California Senate Bill No. 985 requires the development of a Stormwater Resource Plan (SWRP) for public agencies to receive grant funds for stormwater and dry weather runoff capture projects. The City of Arroyo Grande and the County of San Luis Obispo collaborated on the development of a region-wide SWRP.

The goals of the County of San Luis Obispo SWRP are to identify and prioritize stormwater and dry weather runoff capture projects in the county through detailed analyses of watershed conditions and processes, surface and groundwater resources, and the multiple benefits that can be achieved through stormwater-related capital projects and other programmatic actions.

Project Updates

- The County of San Luis Obispo's Stormwater Resource Plan received concurrence from the SWRCB on February 26, 2020.
- On February 25, 2020, the IRWM's Regional Water Management Group took the following actions:
 - Incorporated the SWRP into the 2019 IRWM Plan as Index I (upon concurrence).
 - Formed a standing Working Group that will assist County Staff in the implementation of the SWRP.
- Solicitation for Proposition 1- Implementation Round 2 grant funding is expected to open in March 2020 and close June 2020. Approximately \$90 million is available statewide.
- The Draft Proposition 1 Storm Water Grant Program Guidelines – Amended for Round 2 was posted on the SWRCB website on October 16, 2019 and can be found here: https://www.waterboards.ca.gov/board_info/agendas/2019/oct/101619_5_draft%20guidelines_october2019.pdf

For the final SWRP and appendices and/or sign up for the mailing list at: www.slocounty.ca.gov/pw/swrp.

For questions, contact:
Sarah Crable, County Public Works
Email: scrable@co.slo.ca.us
Phone: (805) 788-2760

f) Various County Water Programs, Policies, and Ordinances

Countywide Water Conservation Program

<http://www.slocountywwcp.org>

Nipomo Mesa - The County is continuing to process building permits subject to the County's water offset fees at a 1:1 ratio, unless they pay the NCSD's supplemental water fee. County water offset fees continue to fund the Cash for Grass, Washer Rebate, and Plumbing Retrofit Programs, available for both residential and commercial uses.

- The Cash for Grass program offers \$1 per square foot up to a maximum rebate amount of \$6,000 per site to replace irrigated lawn with low-water-using landscaping.
- The Washer Rebate Program offers \$250 per household when replacing an old washer with a new water efficient washer and saves at least 15 gallons per day.
- The Plumbing Retrofit Program provides free water-efficient new fixtures and installation by a licensed plumber (limited to 2 toilets, 2 showerheads, and 2 faucet aerators per site).

Paso Basin - The County is continuing to process building permits subject to water offset fees at a 2:1 ratio for non-agricultural discretionary projects in rural areas and a 1:1 ratio for non-discretionary projects. These fees continue to fund the Cash for Grass, Washer Rebate, and Plumbing Retrofit Programs, available for both residential and commercial uses, as described above. 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.

Los Osos - The retrofit-to-build program within the community of Los Osos is allowing property owners to retrofit washers within and outside the prohibition zone to acquire retrofit credits. At this time, to earn enough credits to build one single family residence (300 gallons per day), a property owner would need to replace 6-8 washers; a total cost ranging between \$4,000-\$6,000. ADUs are required to offset 150 gallons per day.

Amendments - On June 18, 2019, the Board of Supervisors authorized amendments to the County Water Conservation Program. On November 5, 2019, the Board of Supervisors approved Phase 1 of the amendments and directed staff to bring the remaining amendments that do not require extensive CEQA analysis as Phase 1.5 and amendments that require more extensive CEQA analysis as Phase 2. The phases are summarized below.

Phase 1 (effective December 5, 2019)

- Eliminate off-site agricultural offsets.
- Extend the termination date to January 1, 2022 for the Paso Basin to prevent a "gap" during the Groundwater Sustainability Plan (GSP) implementation start-up phase.
- Include an ag offset water duty factor for hemp and supplementally irrigated dry cropland.
- Establish a process to determine water duty factors for crops not specified in the ag offset ordinance.
- Require a recorded disclosure form instead of a deed restriction for ag offsets.

Phase 1.5 (Planning Commission 2/27/20, Board of Supervisors 5/5/20)

- Update the maps of the Paso Basin and the Area of Severe Decline to be consistent with the Groundwater Sustainability Plan (GSP).
- Create a following registration.
- Environmental determination for Phase 2 amendments.

Phase 2 (timing pending environmental determination)

For agricultural offsets:

- Expand the definition of a de minimus exemption to allow 25 AFY instead of 5 acre-feet per year of water per site.
- Extend the lookback period beyond 5 years.
- Discuss re-allowing off-site offsets.

For non-agricultural (rural/urban) offsets:

- Revisit water offset fees and water usage assumptions for the Paso Basin.
Revisit the Paso Basin planning area standards prohibiting land divisions and General Plan Amendments.
- Revisit the 1:1 water offset requirement for the Nipomo Mesa.

Please contact Kylie Hensley at khensley@co.slo.ca.us or (805) 781-4979 for more information.

g) Open Reporting on Water Conservation Opportunities & Information

WRAC members or members of the public may openly report on any topic related to water conservation including opportunities to be a part of a water conservation focus group, reporting back on water conservation groups that they are a part of, or providing information on water conservation items.

Rainfall and Reservoir Update

Sub-Region	Area / Rain Station	Average Annual Rainfall	2018-19 Water Year Total Rainfall	2019-20 Water Year												Cumulative Total	% of Total Average
				July 19	Aug 19	Sep 19	Oct 19	Nov 19	Dec 19	Jan 20	Feb 20	Mar 20	Apr 20	May 20	Jun 20		
North Coast	Cambria Area (ALERT #717)	22.0	26.2 (119%)	0	0	0	0	2.44	6.54	0.95	0 ^A					9.93	45%
	Whale Rock Reservoir (County Site #166.1)	16.0	16.2 (101%)	0	0	0	0	0 ^D	6.67	0.48 ^A	- ^C					7.15 ^D	45% ^D
Inland	Paso Robles (County Site #10.0)	14.1	20.6 (146%)	0	0	0	0	1.40	5.22	0.65	0 ^A					7.27	52%
	NE Atascadero (ALERT #711)	17.0	18.9 (111%)	0	0	0	0	1.69	3.67	0.47	0.04 ^A					5.87	35%
	Atascadero MWC (County Site #34.0)	17.5	24.7 (141%)	0	0	0	0	1.55	4.96	0.73	0.05 ^A					7.29	42%
	Santa Margarita (ALERT #723)	24.0	29.3 (122%)	0	0	0	0	2.01	4.18	0.66	0.08 ^A					6.93	29%
	Salinas Dam (County Site #94)	20.9	35.3 (169%)	0	0	0	0	2.30	5.28	0.63	0 ^A					8.21	39%
	Rocky Butte (ALERT #703)	40.0	52.3 (131%)	0	0	0	0	2.92	12.33	1.06	0 ^A					16.31	41%
South Coast	SLO Reservoir (ALERT #749)	24.0	26.6 (111%)	0	0	0	0	2.36	3.63	0.39	0 ^A					6.38	27%
	Lopez Dam (ALERT #737)	21.0	26.3 (125%)	0	0	0.01	0	2.52	4.77	0.63	0.18 ^A					8.11	39%
	Nipomo South (ALERT #730)	16.0	16.9 (106%)	0.04	0.04	0	0	1.97	2.87	0.56	0 ^A					5.48	34%
	Nipomo East (ALERT #728)	18.0	20.3 (113%)	0	0	0	0	2.13	4.09	0.91	0 ^A					7.13	40%

A - Report generated at 1:30 PM, on 02-26-2020
 B - Due to an equipment malfunction, not all rain was recorded at this site.
 C - Information not available at time of update
 D - Missing Data, expect to be provided by next meeting

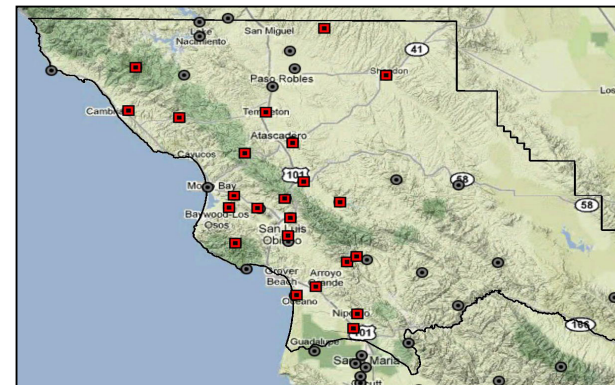
Notes:
 This table contains provisional data from automated gauges and has not been verified.
 All units reported in inches.

Reservoir Update

Reservoir	Date	Water Elevation (ft)	Spillway Elevation (ft)	Storage (acre-feet)	Capacity (%)
Nacimiento Reservoir	February 21, 2020	762.7	787.75 - 800.0 (wigates fully inflated)	197,368	52%
	February 26, 2019	777.1		259,265	69%
San Antonio Reservoir	February 21, 2020	728.9	780.0	127,123	38%
	March 26, 2019	730.3		131,255	39%
Lopez Reservoir	February 23, 2020	490.6	522.7	25,302	51%
	February 26, 2019	488.4		24,056	49%
Salinas Reservoir (Santa Margarita Lake)	February 21, 2020	1,294.6	1300.7	19,638	82%
	February 26, 2019	1,301.1		24,079	101%
Whale Rock Reservoir	February 19, 2020	204.7	218.3	32,693	84%
	February 20, 2019	202.6		31,620	81%
Twitchell Reservoir	February 24, 2020	N/A	651.5	0	0%
	February 26, 2019	567.9		20,714	11%

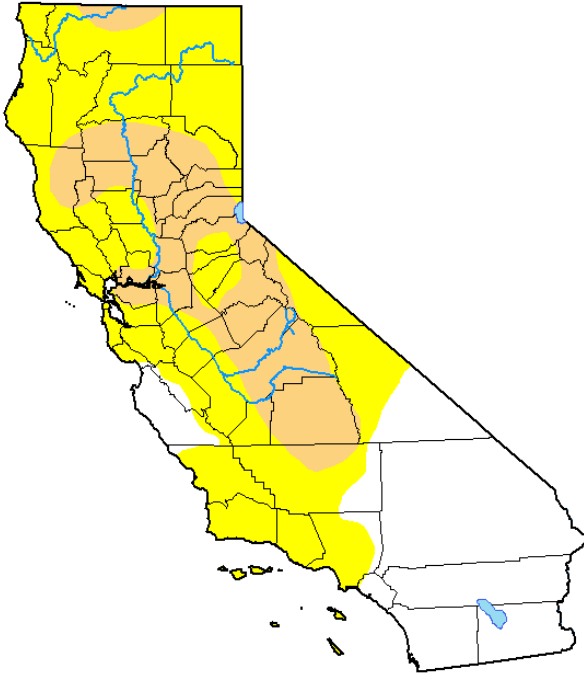
Note 1: Historically, Twitchell Reservoir elevation gauge does not report values below 539 ft. Twitchell Reservoir was designed for protection from flood and drought. Excess rain runoff is stored in the reservoir protecting the valley from flood, then water is released as quickly as possible while still 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 contact Joe Betancourt, (805)781-2767.

U.S. Drought Monitor California



February 25, 2020
(Released Thursday, Feb. 27, 2020)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	30.26	69.74	23.34	0.00	0.00	0.00
Last Week 02-18-2020	40.02	59.98	9.54	0.00	0.00	0.00
3 Months Ago 11-26-2019	9.22	90.78	3.31	0.01	0.00	0.00
Start of Calendar Year 12-31-2019	96.43	3.57	0.00	0.00	0.00	0.00
Start of Water Year 10-01-2019	95.29	4.71	2.06	0.00	0.00	0.00
One Year Ago 02-26-2019	87.17	12.83	2.33	0.00	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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>

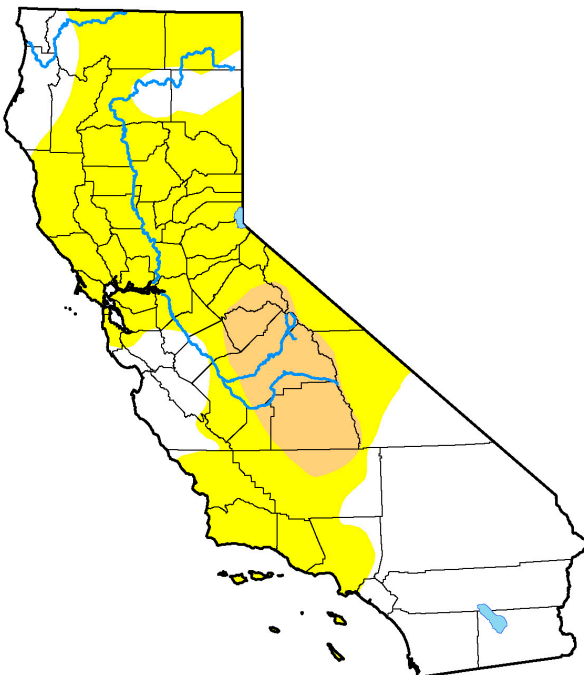
Author:

David Miskus
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

U.S. Drought Monitor California



February 18, 2020
(Released Thursday, Feb. 20, 2020)
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	40.02	59.98	9.54	0.00	0.00	0.00
Last Week 02-11-2020	53.85	46.15	9.54	0.00	0.00	0.00
3 Months Ago 11-19-2019	18.55	81.45	3.59	0.01	0.00	0.00
Start of Calendar Year 12-31-2019	96.43	3.57	0.00	0.00	0.00	0.00
Start of Water Year 10-01-2019	95.29	4.71	2.06	0.00	0.00	0.00
One Year Ago 02-19-2019	67.07	32.93	3.77	1.36	0.00	0.00

Intensity:

None	D2 Severe Drought
D0 Abnormally Dry	D3 Extreme Drought
D1 Moderate 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:

David Miskus
NOAA/NWS/NCEP/CPC



droughtmonitor.unl.edu

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: March 4, 2020

SUBJECT: Agenda Item 5: Check-in on the 2/26/2019 Water Conservation Measures Recommendations Letter from WRAC to Board of Supervisors

Recommendation

Receive verbal updates from staff and members regarding the various recommendations contained within the letter.

Attachments

1. Final Letter to BOS from WRAC Chair
2. Water Conversation Measures Chart (attachment to letter)



Andy Pease
Chairperson

Linda Seifert
Vice Chairperson

Ray Dienzo
Secretary

County Government Center, Room 206
San Luis Obispo CA 93408

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

MEMBERS

- Dennis Loucks
District 1
- Bill Garfinkel
District 2
- Linda Seifert
District 3
- Jim Garing
District 4
- Greg Grewal
District 5
- Lan George
Arroyo Grande
- Charles Bourbeau
Atascadero
- Debbie Peterson
Grover Beach
- Matt Makowetski
Morro Bay
- Christopher Alakel
Paso Robles
- Marcia Guthrie
Pismo Beach
- Andy Pease
San Luis Obispo
- Brad Hagemann
Avila Beach CSD
- Melissa Bland
Cambria CSD
- Scott Duffield
Heritage Ranch CSD
- Chuck Cesena
Los Osos CSD
- Craig Armstrong
Nipomo CSD
- Cynthia Replogle
Oceano CSD
- Anthony Kalvans
San Miguel CSD
- Charles Grace
San Simeon CSD
- Tina Mayer
Templeton CSD
- Linda Chipping
Coastal San Luis RCD
- Michael Broadhurst
Upper Salinas RCD
- George Kendall
County Farm Bureau
- Kurt Bollinger
Agriculture At-Large
- Jason Yeager
Agriculture At-Large
- Eric Greening
Environmental At-Large
- Vacant
Environmental At-Large
- David Chipping
Environmental At-Large
- Greg Nester
Development At-Large
- John Neil
Atascadero MWC
- Scott Buffaloe
California Men's Colony
- John Reid
Camp SLO
- Steve Sinton
Shandon-San Juan WD
- Lee Nesbitt
Estrella El Pomar
Creston WD
- Vacant
Cuesta College
- Anthony Lindstrom
Golden State

2/26/2019

Honorable Debbie Arnold
Chair, Board of Supervisors
County of San Luis Obispo
1050 Monterey Street
San Luis Obispo, CA 93408

Subject: WRAC Water Conservation Measures Recommendations

Honorable Supervisor Arnold:

As you know, the Water Resources Advisory Committee (WRAC) was formed to advise the Board of Supervisors (BOS) on policy issues that relate to water resources and to propose recommendations on water resource and water conservation programs (WRAC Bylaws). In furtherance of that mandate, in 2018 WRAC established a Water Conservation Ad Hoc Committee (AHC) specifically charged with investigating water conservation measures for our county that would enhance available resources and provide value to residents.

Over several months, the subcommittee evaluated possible measures in the following areas; (1) urban use, (2) agricultural use, and (3) groundwater recharge. The AHC met multiple times, reporting back to the WRAC membership as it progressed. It reviewed the county's current valuable water conservation efforts and researched other water conservation measures throughout the state. The meetings included representatives from the county Planning Department and City of San Luis Obispo water resources staff. The recommendations were presented to the full WRAC, which refined the water conservation measures and formally approved this report on February 6, 2019 for consideration and action by your Board.

The following recommendations are presented as measures that would further the efforts of water resilience for the county. Some of the measures would broadly benefit our entire county while others are more focused on non-SGMA basins, with the intention of avoiding future SGMA requirement mandates:

- 1) Convene a joint ALAB (Agricultural Liaison Advisory Board) and WRAC sub-committee to identify strategies to optimize water use and groundwater recharge in agriculture appropriate for our county.**
 - ALAB has established a water conservation subcommittee to work with a WRAC subcommittee.
 - A substantial amount of agricultural water use in this county comes from groundwater.
 - The shared interest and expertise of ALAB and WRAC could result in the identification and implementation of significantly beneficial strategies that will enhance the economic viability of the local agricultural community as well as conserve water resources on behalf of the all residents.
- 2) Recommend that WRAC work with the existing county Partners in Water Conservation Committee to identify and implement additional urban landscape strategies and Best Management Practices.**

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 August 15, 2017*



Andy Pease
Chairperson

Linda Seifert
Vice Chairperson

Ray Dienzo
Secretary

County Government Center, Room 206
 San Luis Obispo CA 93408

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

MEMBERS

- Dennis Loucks
District 1
- Bill Garfinkel
District 2
- Linda Seifert
District 3
- Jim Garing
District 4
- Greg Grewal
District 5
- Lan George
Arroyo Grande
- Charles Bourbeau
Atascadero
- Debbie Peterson
Grover Beach
- Matt Makowetski
Morro Bay
- Christopher Alakel
Paso Robles
- Marcia Guthrie
Pismo Beach
- Andy Pease
San Luis Obispo
- Brad Hagemann
Avila Beach CSD
- Melissa Bland
Cambria CSD
- Scott Duffield
Heritage Ranch CSD
- Chuck Cesena
Los Osos CSD
- Craig Armstrong
Nipomo CSD
- Cynthia Replogle
Oceano CSD
- Anthony Kalvans
San Miguel CSD
- Charles Grace
San Simeon CSD
- Tina Mayer
Templeton CSD
- Linda Chipping
Coastal San Luis RCD
- Michael Broadhurst
Upper Salinas RCD
- George Kendall
County Farm Bureau
- Kurt Bollinger
Agriculture At-Large
- Jason Yeager
Agriculture At-Large
- Eric Greening
Environmental At-Large
- Vacant
Environmental At-Large
- David Chipping
Environmental At-Large
- Greg Nester
Development At-Large
- John Neil
Atascadero MWC
- Scott Buffaloe
California Men's Colony
- John Reid
Camp SLO
- Steve Sinton
Shandon-San Juan WD
- Lee Nesbitt
Estrella El Pomar
Creston WD
- Vacant
Cuesta College
- Anthony Lindstrom
Golden State

- New landscape technologies and practices have been identified and should be introduced to a wider audience.
- Landscape training is an important effective tool, and if made available to the public, would have a positive impact on water conservation efforts.
- Through this methodology, best practices for compliance with current California regulations can be shared between jurisdictions.

3) Extend the required implementation of water conservation measures to include areas when designated as a Level of Severity II by the biennial RMS (Resource Management System).

- It is easier and less costly to prevent excessive resource use before sustainability becomes untenable.
- The LOS II water supply criteria states: "Water demand projected over 15-20 years (or other lead time determined by a resource capacity study) equals or exceeds the estimated dependable supply."
- LOS III Water supply criteria states: "Demand projected over 15 years (or other lead time determined by a resource capacity study) equals or exceeds the estimated dependable supply; OR, the time required to correct the problem is longer than the time available before the dependable supply is reached."
- Recognition that demand will soon exceed supply suggests that local policymakers should address strategies that will address supply/demand issues.

4) Direct staff to plan, budget and prepare hydrological studies for non-SGMA basins and fractured rock sources where needed, to identify and prioritize water resource at-risk areas.

- Such studies would be a useful tool for agricultural and population land use planning for current and future generations.
- WRAC would recommend that the BOS identify ways thereafter to implement resource management proactively.

5) Recommend that WRAC work with staff to formalize, maintain and make available to all county water users an online Resource Library of Best Management Practices on water conservation supply and demand practices.

- A readily available online library would be an up-to-date, one-stop easily accessed educational center, linking to other developed websites and programs. During its work, the AHC identified a host of valuable resources that could form the basis for this recommendation's implementation.
- Increases motivation to incorporate additional water saving techniques and skills.

6) Direct staff to analyze physical and regulatory parameters and expand groundwater recharge opportunities in both rural and urban environments.

- As the BOS is aware, water demand conservation practices alone will not be sufficient to meet the challenge of sustainability going forward.
- Opportunities for groundwater recharge during wet periods should be identified and necessary resources budgeted for implementation to increase water supply resources.

7) Continue to support WRAC's inclusion of informational presentations on water conservation, recharge and new water sources as a part of the regular meetings.

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 August 15, 2017



Andy Pease
Chairperson

Linda Seifert
Vice Chairperson

Ray Dienzo
Secretary

County Government Center, Room 206
San Luis Obispo CA 93408

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

MEMBERS

- Dennis Loucks
District 1
- Bill Garfinkel
District 2
- Linda Seifert
District 3
- Jim Garing
District 4
- Greg Grewal
District 5
- Lan George
Arroyo Grande
- Charles Bourbeau
Atascadero
- Debbie Peterson
Grover Beach
- Matt Makowetski
Morro Bay
- Christopher Alakel
Paso Robles
- Marcia Guthrie
Pismo Beach
- Andy Pease
San Luis Obispo
- Brad Hagemann
Avila Beach CSD
- Melissa Bland
Cambria CSD
- Scott Duffield
Heritage Ranch CSD
- Chuck Cesena
Los Osos CSD
- Craig Armstrong
Nipomo CSD
- Cynthia Replogle
Oceano CSD
- Anthony Kalvans
San Miguel CSD
- Charles Grace
San Simeon CSD
- Tina Mayer
Templeton CSD
- Linda Chipping
Coastal San Luis RCD
- Michael Broadhurst
Upper Salinas RCD
- George Kendall
County Farm Bureau
- Kurt Bollinger
Agriculture At-Large
- Jason Yeager
Agriculture At-Large
- Eric Greening
Environmental At-Large
- Vacant
Environmental At-Large
- David Chipping
Environmental At-Large
- Greg Nester
Development At-Large
- John Neil
Atascadero MWC
- Scott Buffaloe
California Men's Colony
- John Reid
Camp SLO
- Steve Sinton
Shandon-San Juan WD
- Lee Nesbitt
Estrella El Pomar
Creston WD
- Vacant
Cuesta College
- Anthony Lindstrom
Golden State

- WRAC is an excellent forum to keep a large, diverse membership informed and provides for an exchange of diverse views and ideas.
- Members have the opportunity to address questions to speakers and share their own thoughts on matters of interest and concern.
- Exposes members to ideas, techniques that may be adaptable to their needs. Among the future topics expected to be addressed are:
 - Watershed wise landscape systems
 - Evolving technologies for desalination
 - Impacts of climate change on water resources
 - Healthy Soil Initiative

The accompanying Chart of Water Conservation Measures identifies numerous potential strategies that were discussed and considered. Many of them have been incorporated into the 7 recommendations listed above; others could be implemented in the future.

We appreciate your consideration and look forward to continuing our work for water resilience and regional cooperation throughout our county. We also look forward to working with the BOS in furtherance of the aforementioned recommendations and to addressing any questions or thoughts you may have.

Respectfully submitted,

Andy Pease
Chairperson
Water Resources Advisory Committee

cc: San Luis Obispo County Board of Supervisors, All Districts

Attachment: WRAC Chart of Water Conservation Measures

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 August 15, 2017

Chart of Water Conservation Measures
Water Resources Advisory Committee

2/6/2019				
		<u>Decrease Demand</u>		<u>Increase Supply</u>
	Water Conservation Measures	Urban	Agriculture	Groundwater Recharge
I.	<u>Irrigation Systems</u>			
	New technologies/improvements for additional irrigation efficiencies	X	X	
	Irrigation efficiency consultant program	X	X	
	Develop a library of Best Management Practices	X	X	
	Continue the county Mobile Irrigation Lab program, expand capabilities for additional urban and on-farm water efficiency measures	X	X	
	Expand the number of CIMIS (CA Irrigation Management Information System) weather stations in county, w/on-farm and online access		X	
II.	<u>Rebates and Incentivizing Opportunities</u>			
	Irrigation Upgrade Rebates, including weather based irrigation controllers	X	X	
	Tiered water pricing structure as feasible	X		
	Fund public water conserving landscape classes, offer rebates to attendees	X		
	Rebates or program incentives for water well meters - grants?		X	
	Incentive for CIMIS program installation on farms		X	
	Expand current county rebate programs to include additional conservation measures and to serve other areas	X		
	Incentive for gray water systems retrofits	X		
III.	<u>Educational Opportunities Developed / Expanded</u>			
	Engage/utilize RCDs, UCCE, Cal Poly Irrigation Training & Research Center for workshops, courses, continuing education courses	X	X	
	Water-conserving landscape design classes for home owners	X		
	Initiate a program to showcase water conservation built projects	X	X	
	Develop county rebate program for specific agricultural water conservation measures		X	
	Develop and initiate agricultural water management plan courses, paired with incentives		X	
	Develop/maintain a Best Management Practices Library for water resources conservation	X	X	X
	Identify and arrange for future speakers at WRAC meetings or other venue	X	X	X

Chart of Water Conservation Measures
Water Resources Advisory Committee

	Showcase projects that demonstrate effective and/or unique conservation practices	X	X	
IV.	<u>Groundwater Recharge</u>			
	Promote programs for stormwater capture on private and public properties	X	X	X
	Promote water infiltration rather than runoff to sidewalks, streets and gutters	X		X
	Identify legal/regulatory constraints for stormwater capture, off-creek recharge	X	X	X
	Conduct hydrologic studies for important non-SGMA basins or fractured rock areas of county			X
	Land use planning should protect potential recharge areas	X	X	X
	<u>Other Measures</u>			
	Promote/encourage on site soil moisture and evapotranspiration monitoring		X	
	Where appropriate/feasible, use wind machines for frost control		X	
	Reduce pond evaporation loss		X	X
	Conduct WRAC and ALAB subcommittees meetings to identify improved ag water efficiency measures		X	X
	Identify and arrange for future speakers at WRAC meetings or other venue	X	X	X
	Increase opportunities for recycled water use	X	X	X
	Require on-site gray water recycling in new development	X		
	Create/utilize a system of triggers to identify negative water resource impacts	X	X	

TO: Water Resources Advisory Committee
FROM: Brendan Clark, Supervising Water Resources Engineer
DATE: March 4, 2020
SUBJECT: Agenda Item 6: State Water Project Overview

Recommendation

Receive a presentation from staff on the State Water Project, including what it is and where it is used in our county.

This presentation will lay the foundation and context for anticipated future discussions and decisions related to the District's contract for State Water.

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: March 4, 2020

SUBJECT: Agenda Item 7: Discuss Water Agency Updates in 2020

Background

Article II.8 of the WRAC By-laws state, "Members are encouraged to provide an update on water resource issues relevant to their group or agency at least once per year."

These updates should bring issues that are important to each group that would foster a flow of ideas that may develop into County-wide significance.

Discussion

The WRAC heard updates throughout 2019 and members are encouraged to share their thoughts on whether or not this should continue in 2020 and if so, if any changes should be implemented.

TO: Water Resources Advisory Committee

FROM: Brendan Clark, Supervising Water Resources Engineer

DATE: March 4, 2020

SUBJECT: Agenda Item 8: Discuss Future Agenda Items

The WRAC Secretary, in cooperation with the Chairperson, prepares the agenda for each WRAC meeting. Inclusion of suggested future agenda items 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.

Areas of Interest - Scheduled

- Mark Battany – soil moisture, evapotranspiration

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
- Los Osos Community Plan, with a focus on water issues

Ongoing Updates/Regular Items – can be seen in the previous month’s agenda

Excerpt from WRAC By-laws dated August 20, 2019

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.