

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

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

Wednesday, December 5, 2018
1:30 pm

AGENDA

1.	Determination of a Quorum and Introductions	1:30 pm
2.	Approval of November 7, 2018 Meeting Minutes	1:35 pm
3.	Ongoing Updates: a. Rain & Reservoir Report b. Groundwater Basin Management Efforts c. Integrated Regional Water Management (IRWM) d. Stormwater Resource Plan (SWRP) e. Various County Water Programs, Policies, and Ordinances f. Open Reporting on Water Conservation Opportunities & Information g. Schedule for 2019	1:45 pm
4.	Presentation on Water Conservation Practices on Winery Operations by Jason Yeager, from Niner Winery and Member representative of Agricultural-At Large	2:00 pm
5.	Report from Ad-Hoc Subcommittee on Additional Water Conservation Measures that can be submitted to the Board of Supervisors for Their Consideration and Consider Actions	2:30 pm
6.	Report from Ad-Hoc Subcommittee of their Review of the 2016-2018 Water Section of the Resource Summary Report and Consider Actions	2:35 pm
7.	Discuss Future Agenda Items and Agendize Status Updates from Member Stakeholders	3:00 pm
8.	Public Comment	3:10 pm

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

Next Regular Meeting: February 6, 2019
 Meeting place to be determined

 San Luis Obispo CA

<http://www.slocountywater.org/site/Water%20Resources/Advisory%20Committee>

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 15, 2017

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 **November 7, 2018** 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 1:30PM.

1. Determination of a Quorum and Introductions

A quorum of 20 is established (12 is required).

2. Approval of November 7, 2018 Meeting Minutes

Member E. Greening corrects September meeting minutes regarding accessory units and farm worker housing.

A motion by Member E. Greening and a second by Member T. Walters moves to approve the September meeting minutes with amendments. Minutes approved (19-0-1).

3. Ongoing Updates:

a. Environmental Health Website information

County Staff Gina Herbst introduces the four public facing map viewers that currently provide environmental health information. Eatsafeslo.org provides food facility inspection reports. Surfsafeslo.org provides beach water quality statuses. Driller View provides assistance to well drillers, giving aid in preparation for a well site. Mosquito Surveillance View provides information on mosquito trapping sites around the county.

b. Rain & Reservoir Report

There are no comments.

c. Groundwater Basin Management Efforts

There are no comments.

d. Integrated Regional Water Management (IRWM)

There are no comments.

e. Stormwater Resource Plan (SWRP)

There are no comments.

f. Various County Water Programs, Policies, and Ordinances

There are no comments.

g. Open Reporting on Water Conservation Opportunities & Information

There are no comments.

4. Presentation on Fox Canyon Groundwater Management Agency Advanced Metering Infrastructure and Water Market Programs, by Arne Anselm, Deputy Director of Ventura County Watershed Protection District

Guest Arne Anselm introduces Ventura's water sources, the importance of groundwater, management of groundwater, actions taken by the Fox Canyon Groundwater Management Agency, and the advanced metering infrastructure to support water markets.

Guest Arne Anselm states that two-thirds of Ventura's water is groundwater and groundwater supply 85% of agriculture. Fox Canyon Groundwater Management Agency was formed in 1983 to stop sea water intrusion. A third-party exchange administrator is used to handle, trading of water allocations between parties, and Advanced Metering Infrastructure to protect trade secrets. An ordinance was adopted to require all active agricultural wells with a meter to have the same AMI.

5. Report from Ad-Hoc Subcommittee on Additional Water Conservation Measures that can be submitted to the Board of Supervisors for Their Consideration and Consider Actions

Member L. Chipping reports on the outreach at the Agricultural Liaison Advisory Board (ALAB) with discussions on conservation measures. Member L. Chipping states the need for further outreach to more commercial landscapers. Member L. Chipping states the need for discussion regarding the new home landscape permitting loophole. Member L. Chipping suggests bringing a speaker into a future WRAC meeting regarding state and county permitting for groundwater recharge basins.

6. Presentation on Water Conservation Practices on Winery Operations by Jason Yeager, from Niner Winery and Member Representative of Agricultural-At Large

Postponed.

7. Discuss Future Agenda Items and Agendize Status Updates from Member Stakeholders

Member E. Greening suggests a study session with public works regarding the Salinas Dam expansion.

Member D. Chipping suggests a discussion for desalination in part of the decommissioning of Diablo.

8. Public Comment

Member E. Greening thanks all participants of WRAC.

Meeting adjourns at 3:15PM.

Water Resources Advisory Committee - Roll Call Vote Form
Meeting Date: 11/07/18

Organization	Representative	MOTION 1				MOTION 2				MOTION 3				MOTION 4			
		AYE	NO	ABSTAIN	ABSENT												
DISTRICT																	
District 1	Dennis Loucks (Vacant)	M	X														
District 2	Bill Garfinkel Neal MacDougall	M	X														
District 3	Linda Seifert Natalie Risner	M	X														
District 4	Jim Garing (Vacant)	M	X														
District 5	Greg Grewal Erin Faulkner	M	X														
AT-LARGE																	
Agriculture At-Large	Kurt Bollinger Patrick Williams	M															
Agriculture At-Large	Jason Yeager Steve Lohr	M															
Development At-Large	Greg Nester Tim Walters	M															
Environmental At-Large	Sue Luft Christine Mulholland	M	X														
Environmental At-Large	Eric Greening (Vacant)	M	X														
Environmental At-Large	David Chipping Stephnie Wald	M	X														
RCDs																	
Coastal San Luis RCD	Linda Chipping Rob Rutherford	M	X														
Upper Salinas RCD	Michael Broadhurst Tom Mora	M															
OTHERS																	
Atascadero Mutual	John Neil Jaime Hendrickson	M															
California Men's Colony	Scott Buffaloe Mike Schwartz	M															
Camp SLO	John Reid Jubilee Satele	M	X														
County Farm Bureau	George Kendall Joy Fitzhugh	M	X														
Cuesta College	(Vacant) (Vacant)	M															
Golden State Water	Anthony Lindstrom Matthew Hubbard	M	X														
Shandon-San Juan Water District	Stephen Sinton Kevin Peck	M															
CITIES																	
City of Arroyo Grande	Barbara Harmon Kristen Barneich	M															
City of Atascadero	Charles Bourbeau Nick DeBar	M	X														
City of Grover Beach	Debbie Peterson Jeff Lee	M	X														
City of Morro Bay	Matt Makowetski Rob Lwick	M															
City of Paso Robles	Christopher Alakel Kirk Gonzales	M															
City of Pismo Beach	Marcia Guthrie Sheila Blake	M	X														
City of San Luis Obispo	Andy Pease Aaron Gomez	M	X														
CSDs																	
Avila Beach CSD	Brad Hagemann (Vacant)	M															
Cambria CSD	Bob Gresens Jerry Gruber	M			X												
Heritage Ranch CSD	Scott Duffield Jason Molinari	M															
Los Osos CSD	Chuck Cesena Renee Osborne	M															
Nipomo CSD	Craig Armstrong Ed Eby	M	X														
Oceano CSD	Cynthia Replogle Andrew Brunet	M	X														
San Miguel CSD	Anthony Kalvans Dan Gilmore	M															
San Simeon CSD	Charles Grace Renee Osborne	M															
Templeton CSD	Tina Mayer Navid Fardanesh	M															
			19		1												

QUORUM (MIN. 12) : 20

MOTION 1	
Item #: <u>2</u>	Pass/Fail?: _____
Motion Maker: <u>E. Greening</u>	Second: <u>T. Walters</u>
AYE: <u>19</u>	NO: _____ ABSTAIN: <u>1</u> ABSENT: _____
Minutes approved... with amendments.	

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) 2018

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	X			X		X	
	(Vacant)	A												
District 2	Bill Garfinkel	M		X	X	X	X	X					X	
	Neal MacDougall	A												
District 3	Linda Seifert	M			X		X	X			X		X	
	Natalie Risner	A			X			X						
District 4	Jim Garing	M				X	X				X		X	
	(Vacant)	A												
District 5	Greg Grewal	M		X	X	X	X	X			X		X	
	Erin Faulkner	A												
AT-LARGE														
Agriculture At-Large	Kurt Bollinger	M			X									
	Patrick Williams	A												
Agriculture At-Large	Jason Yeager	M		X		X	X	X			X			
	Steve Lohr	A												
Development At-Large	Greg Nester	M												
	Tim Walters	A		X		X	X	X			X		X	
Environmental At-Large	Sue Luft	M		X	X	X	X	X			X		X	
	Christine Mulholland	A		X	X	X	X	X					X	
Environmental At-Large	Eric Greening	M		X	X	X	X	X			X		X	
	(Vacant)	A		X	X	X								
Environmental At-Large	David Chipping	M		X	X	X	X	X			X		X	
	Stephnie Wald	A			X								X	
RCDs														
Coastal San Luis RCD	Linda Chipping	M		X	X	X	X	X			X		X	
	Rob Rutherford	A												
Upper Salinas RCD	Michael Broadhurst	M												
	Tom Mora	A		X	X	X					X			
	Devin Best	O						X			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	
	Jubilee Satele	A				X								
County Farm Bureau	George Kendall	M		X	X	X		X					X	
	James Green	A									X		X	
Cuesta College	(Vacant)	M												
	(Vacant)	A												
Golden State Water	Anthony Lindstrom	M		X	X	X					X		X	
	Matthew Hubbard	A												
Shandon-San Juan Water District	Stephen Sinton	M		X	X	X	X	X			X			
	Kevin Peck	A												
Estrella-El Pomar-Creston Water District	Lee Nesbit	M												
	Hilary Graves	A												
CITIES														
City of Arroyo Grande	Barbara Harmon	M		X	X		X							
	Kristen Barneich	A												
City of Atascadero	Charles Bourbeau	M									X		X	
	Nick DeBar	A												
City of Grover Beach	Debbie Peterson	M		X							X		X	
	Jeff Lee	A												
City of Morro Bay	Matt Makowetski	M												
	Rob Livick	A												
City of Paso Robles	Christopher Alakel	M												
	Kirk Gonzalez	A		X							X			
	Keith Larson	O												
City of Pismo Beach	Marcia Guthrie	M			X		X	X			X		X	
	Sheila Blake	A									X			
	Chad Stoehr	O		X			X	X			X		X	
City of San Luis Obispo	Andy Pease	M		X	X	X	X	X			X		X	
	Aaron Gomez	A												
	Aaron Floyd	O		X	X			X			X			
	Carrie Mattingly	O												
	Dean Furakawa	O												
	Mychal Boerman	O		X			X						X	
CSDs														
Avila Beach CSD	Brad Hagemann	M												
	(Vacant)	A												
Cambria CSD	Bob Gresens	M											X	
	Jerry Gruber	A												
	Amanda Rice	O												
Heritage Ranch CSD	Scott Duffied	M						X						
	Jason Molinari	A												
Los Osos CSD	Chuck Cesena	M												
	Renee Osborne	A												
Nipomo CSD	Craig Armstrong	M		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	
	Shirley Gibson	A											X	
	Paavo Ogren	O												
San Miguel CSD	Anthony Kalvans	M												
	Dan Gilmore	A												
San Simeon CSD	Charles Grace	M												
	Renee Osborne	A												
Templeton CSD	Tina Mayer	M		X										
	Navid Fardanesh	A												
STAFF														
Board of Supervisors	Jen Caffee	Staff									X		X	
Agricultural Commissioner	Lynda Auchinachie	Staff		X		X	X	X					X	
Planning and Building	Megan Martin	Staff												
	Jane Kim	Staff		X	X		X							
	Brian Pedrotti	Staff												
Public Health Services	Leslie Terry	Staff												X
	Megan Lillich	Staff												
Public Works	Courtney Howard	Staff					X						X	
	Ray Dienzo	Staff		X	X	X	X	X			X		X	
	Carolyn Berg	Staff									X		X	
	Mladen Bandov	Staff		X				X						
	Angela Ruberto	Staff												
	Brendan Clark	Staff						X			X		X	
	Sarah Crable	Staff						X					X	

**WATER RESOURCES ADVISORY COMMITTEE (WRAC)
GUEST LIST 2018**

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
Mark Battany	UC Cooperative Extension	/	/	/	/	/	/	/	/	/	/	/	/
Carolyn Winfrey	Cambria CSD	/	/	/	/	/	/	/	/	/	/	/	/
Henry Krzciuk	San Simeon Resident	/	/	/	/	/	/	/	/	/	/	/	/
Derrick Williams	HydroMetrics WRI	/	/	/	/	/	/	/	/	/	/	/	/
Tori Poppenheimer	Protect Price Canyon	/	/	/	/	/	/	/	/	/	/	/	/
Linda Poppenheimer	Protect Price Canyon	/	/	/	/	/	/	/	/	/	/	/	/
Anthony Severy	Cannon Corp	/	/	/	/	/	/	/	/	/	/	/	/
M. Lucey	Oceano Community	/	/	/	/	/	/	/	/	/	/	/	/
Emily Iskin	WSC	/	/	/	/	/	/	/	/	/	/	/	/
John Wallace	WG	/	/	/	/	/	/	/	/	/	/	/	/
Claudia Engel		/	/	/	/	/	/	/	/	/	/	/	/
James Green	SLO Co. Farm Bureau	/	/	X	X	X	X	/	/	/	/	/	/
Lynette Tomatzky	Resident Los Osos	/	X	/	/	/	/	/	/	/	/	/	/
Steve McMasters	County Planning	/	/	/	/	/	/	/	/	/	/	/	/
Patricia Wilmore	Paso Robles Wine Country Alliance	/	X	X	X	X	X	/	/	X	/	X	/
Jean-Pierre Wolff	RWQCB	/	/	/	/	/	/	/	/	/	/	/	X
Willy Cunha	Shandon-San Juan Water District	/	X	/	/	/	/	/	/	/	/	/	X
Linda Jeiferz		/	X	/	/	/	/	/	/	/	/	/	/
Joha Suyder		/	X	/	/	/	/	/	/	/	/	/	/
Natalie Risner		/	X	/	/	/	/	/	/	/	/	/	/
Dan Hechel	WSC	/	X	/	/	/	/	/	/	/	/	/	/
Christine Halley	Sentinel Peak Resources	/	/	/	/	X	/	/	/	/	/	/	/
Cheryl Cunuay	Cayucos Advisory Council	/	/	/	/	/	X	/	/	/	/	/	/
Colt Esenwein	SLO Public Works	/	/	/	/	/	X	/	/	/	/	/	/
Don Chartram	Central Coast Salmon Enhancement	/	/	/	/	/	X	/	/	/	/	/	/
Mary Margaret McGuine	SSCSD	/	/	/	/	X	X	/	/	/	/	/	X
Cortney Murguia	San Simeon CSD	/	/	/	/	/	/	/	/	X	/	/	/
Devin Best	USLTRCD	/	/	/	/	/	X	/	/	X	/	/	/
Kendall Stahl	Water Systems Consulting	/	/	/	/	/	X	/	/	/	/	/	/
Brian Pedroth	County of SLO	/	/	/	/	/	/	/	/	X	/	/	/
Maria Kelly	Justin	/	/	/	/	/	/	/	/	X	/	/	/
Jerry Reaugh	EPC Water District	/	/	/	/	/	/	/	/	X	/	/	/
Charlie Cote	S+T Mutual Water Co Los Osos	/	/	/	/	/	/	/	/	/	/	/	X
Wes Thomson	SLO Public Works	/	/	/	/	/	/	/	/	/	/	/	X
Ayelet Zamek	County PW	/	/	/	/	/	/	/	/	/	/	/	X
Hilary Graves	EPCWD	/	/	/	/	/	/	/	/	/	/	/	X
Arne Anselm	VCWPD	/	/	/	/	/	/	/	/	/	/	/	X
John Wallay		/	/	/	/	/	/	/	/	/	/	/	X

TO: Water Resources Advisory Committee

FROM: Ray Dienzo, Supervising Water Resources Engineer

DATE: December 5, 2018

SUBJECT: Agenda Item 3: Ongoing Updates

Recommendation

Receive updates on various ongoing efforts.

Discussion

- a) **Rain & Reservoir Report:** See attached report.
- b) **Groundwater Basin Management Efforts**

BOARD OF SUPERVISORS MEETINGS AND BASIN UPDATES:

Basin	Update:
Los Osos Basin Fringe Area	<ul style="list-style-type: none"> • On September 26, 2018, the Los Osos Basin Boundary Modification Request (BBMR) application submitted by the Los Osos Basin Fringe Areas – County of San Luis Obispo Groundwater Sustainability Agency (County) was deemed complete by DWR and was posted to DWR’s BBMR on-line portal at: https://sgma.water.ca.gov/basinmod/modrequest/submitted. • The public comment period for the BBMR application closed on October 26, 2018. • DWR is expected to release the Draft Los Osos Basin Boundary Modification Request (BBMR) results in late November / December 2018.
Atascadero Basin	<ul style="list-style-type: none"> • DWR’s recently released Draft Prioritization of Groundwater Basins designated the Atascadero Basin as “very low priority” and, therefore, no longer subject to SGMA. • The Atascadero Basin GSA has decided to continue with development of a Groundwater Sustainability Plan for the Atascadero Basin. • In addition to the County’s Atascadero SGMA Page, further updates on the Atascadero Basin GSA can be found by visiting: www.atascaderobasin.com/
Santa Maria Basin Fringe Area	<ul style="list-style-type: none"> • On September 7, 2018, the Santa Maria Basin Boundary Modification Request (BBMR) application submitted by the Santa Maria Basin Fringe Areas – County of San Luis Obispo Groundwater Sustainability Agency (County) was deemed complete by DWR and was posted to DWR’s BBMR on-line portal: https://sgma.water.ca.gov/basinmod/modrequest/submitted. • Release of Draft Modifications by DWR will be in the Winter of 2018.

<p>Paso Robles Basin</p>	<ul style="list-style-type: none"> • The Paso Basin Cooperative Committee is receiving and recommending that the GSAs in the Paso Basin receive and file Draft GSP Chapters as they are developed for the Paso Basin. To date the Draft GSP Outline and Draft Chapters 1-5 and a part of Chapter 11 (the Communication and Engagement Plan) have been recommended for receive and file. • In addition to the County's Paso SGMA page, Draft Chapters and Comment Forms can be found by visiting: www.pasogcp.com • The next scheduled meeting of the Paso Basin Cooperative Committee is January 23, 2019 at Paso Robles City Council Chambers.
<p>Cuyama Basin</p>	<ul style="list-style-type: none"> • The Cuyama Basin GSA Board of Directors regular meeting is rescheduled to December 3rd followed by a community workshop. Both meetings will discuss sections of the groundwater sustainability plan, as well as the basin model, measurable objectives, and budget. The Cuyama Basin GSA includes the Counties of Santa Barbara, San Luis Obispo, Ventura, and Kern, the Cuyama Community Services District, and the Cuyama Basin Water District.
<p>San Luis Obispo Basin</p>	<ul style="list-style-type: none"> • On October 16, the Board approved and submitted a Notification of Intent to initiate development of a groundwater sustainability plan for the San Luis Obispo Valley Groundwater Basin. • Interested parties are encouraged to participate in the basin specific efforts by attending the meetings of the Groundwater Sustainability Commission of the San Luis Obispo Basin (Commission). • The Commission Consultant Selection Committee is currently working on retaining a consultant to develop a groundwater sustainability plan (GSP). The procurement process is anticipated to be completed by early 2019. • The next regular Commission meeting is scheduled on December 12, 2018. Topics on the formation of stakeholder advisory committee and an update on the GSP consultant solicitation will be presented.

County SGMA website - An interactive mapping tool is 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 website also includes other informative materials, such as SGMA fact sheets and recent presentation materials. Visit the website to sign up for the County's SGMA email list, and to visit basin-specific pages at:

www.slocountywater.org/sgma

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

San Luis Obispo County's SGMA Mailing List

<http://www.slocountywater.org/sgma>

California Department of Water Resources (DWR) SGMA Mailing List

<http://www.water.ca.gov/groundwater/sgm/subscribe.cfm>

c) Integrated Regional Water Management (IRWM)

The Department of Water Resources released the draft proposal solicitation package (PSP) for the Prop 1, Round 1 IRWM Grant in October. They are accepting comments on the draft until Nov. 20th.

Grant website: <https://water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1/Implementation-Grants>

The RWMG will meet Nov 7th at 10am to discuss the grant opportunity. The meeting is held at the SLO City/County Library Community Room.

To stay up-to-date on all things IRWM, sign up for the email list, located at:

<https://slocountywater.org/site/Frequent%20Downloads/Integrated%20Regional%20Water%20Management%20Plan/>

d) Stormwater Resource Plan

California Senate Bill No. 985 requires the development of a stormwater resource plan for public agencies to receive grant funds for stormwater and dry weather runoff capture projects.

Currently, the City of Arroyo Grande and the County of San Luis Obispo are collaborating to develop a region-wide SWRP. The SWRP must be compliant with the State Water Board's SWRP Guidelines adopted December 15, 2015 and the California Water Code Section 10561-10573. The work completed by the City of Arroyo Grande with Grant Agreement D1612607 is being combined with Task 12 of the County's Department of Water Resources IRWM Planning Grant (Agreement No. 4600011892).

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.

The SWRP Project Management Team (PMT) is comprised of County Public Works staff, Coastal San Luis and Upper Salinas Las Tablas RCD staff, and staff from the City of Arroyo Grande. The PMT receives feedback and assistance from a Technical Advisory Committee (TAC). The PMT meets monthly to receive updates on deliverables from the Consultant Team and to discuss next steps.

The PMT has compiled a Project List through the solicitation of projects from stakeholders, TAC Leads, and other interested organizations and agencies. Stakeholder and public outreach meetings have been used to disseminate information and to solicit both proposed projects as well as suggested approaches to project prioritization.

Project Updates

- The 30-day public comment period for the DRAFT report closed on October 10, 2018.
- The TAC will have a final chance to review and comment on the DRAFT report from November 15-20, 2018.
- The FINAL report will be submitted to the State Board on November 30, 2018.
- Upon concurrence with the State Board, the SWRP will be submitted to IRWM's Regional Water Management Group (RWMG) for eventual integration into the IRWMP. The implementation of the SWRP will be overseen by County Staff.

For more information see the County of San Luis Obispo's SWRP

<https://www.slocounty.ca.gov/Departments/Public-Works/Committees/Stormwater-Resource-Plan.aspx>

For questions, contact:

Larissa Clarke, SWRP Project Manager

Email: lclarke@coastalrcd.org

Phone: (805) 772-4391

e) Various County Water Programs, Policies, and Ordinances

1. COUNTYWIDE WATER CONSERVATION PROGRAM

<http://www.slocountywwcp.org>

Following approval by the Board of Supervisors on July 11, 2017 to amend the Turf Removal Incentive Program ("cash for grass") and the Plumbing Retrofit Program of the adopted Countywide Water Conservation Program (Resolution 2016-288) staff revealed the new Water Conservation Program website (url and link above). The website is an improvement on the old Paso Basin website as it provides a much more user-friendly, geographically based, navigation approach. Users simply select the geographic area they reside (Paso, Nipomo, Los Osos), and choose which program they are interested in learning more about (Ag offset, plumbing retrofit, cash for grass). For any questions or if anyone has any comments or suggestions on the new website, please email Kylie Hensley at khensley@co.slo.ca.us.

- Paso Robles Groundwater Basin** – The County is continuing to process building permits that are subject to the fees of the PRGWB. The Cash for Grass program offers \$1 per square foot up to a maximum rebate amount of \$6,000 per household. The Washer Rebate Program offers \$250 per household when replacing an old washer with a new water efficient washer (replacement must save at least 15 gallons). The Plumbing Retrofit Program offers homeowners the opportunity to replace old fixtures with new water efficient fixtures in their homes (limited to 2 toilets, 2 showerheads, and 2 faucet aerators) at no cost from the homeowner.
- Nipomo Mesa Water Conservation Area** – The County is continuing to process building permits subject to the fees of the NMWCA. The Cash for Grass program offers \$1 per square foot up to a maximum rebate amount of \$6,000 per household.

The Washer Rebate Program offers \$250 per household when replacing an old washer with a new water efficient washer (replacement must save at least 15 gallons). The Plumbing Retrofit Program offers homeowners the opportunity to replace old fixtures with new water efficient fixtures in their homes (limited to 2 toilets, 2 showerheads, and 2 faucet aerators) at no cost from the homeowner.

- c. **Los Osos** – The retrofit to build and retrofit on sale 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 credits), a property owner would need to replace 6-8 washers; a total cost ranging between \$4,000-\$6,000.

f) 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.

g) Schedule for 2019

See the attached WRAC Schedule for 2019. No meetings are scheduled for January, July, and August. The meeting locations for February, March, and May are not solidified at the time this agenda was generated. But updates will be provided as soon as possible.

Rainfall and Reservoir Update

Sub-Region	Area / Rain Station	Average Annual Rainfall	2017-18 Water Year Total Rainfall	2018-19 Water Year												Cumulative Total	% of Total Average
				July 18	Aug 18	Sep 18	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	Apr 19	May 19	Jun 19		
North Coast	Cambria (ALERT #717)	22.0	14.8 (67%)	0	0	0	0.20	1.10 ^A								1.30	6%
	Whale Rock Reservoir (County Site #166.1)	16.0	11.6 (72%)	0	0	0	0.43	0.61 ^A								1.04	6%
Inland	Paso Robles (County Site #10.0)	14.1	10.8 (76%)	0	0	0	0.28	0.50 ^A								0.78	6%
	NE Atascadero (ALERT #711)	17.0	9.1 (54%)	0	0	0	0.16	0.28 ^A								0.44	3%
	Atascadero MWC (County Site #34.0)	17.5	12.2 (70%)	0	0	0	0.16	0.61 ^A								0.77	4%
	Santa Margarita (ALERT #723)	24.0	13.8 (57%)	0	0	0	0.31	0.67 ^A								0.98	4%
	Salinas Dam (County Site #94)	20.9	13.8 (66%)	0	0	0	0.91	0.79 ^A								1.70	8%
South Coast	SLO Reservoir (ALERT #749)	24.0	13.1 (55%)	0	0	0	0.52	1.30 ^A								1.82	8%
	Lopez Dam (ALERT #737)	21.0	11.7 (56%)	0	0	0	0.63	0.83 ^A								1.46	7%
	Nipomo South (ALERT #730)	16.0	8.8 (55%)	0	0	0	0.28	0.52 ^A								0.79	5%
	Nipomo East (ALERT #728)	18.0	9.6 (53%)	0	0	0	0.31	0.47 ^A								0.79	4%

A - Report generated at 3:00 P.M. on 11/27/2018

B - Due to an equipment malfunction, not all rain was recorded at this site.

Notes:

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

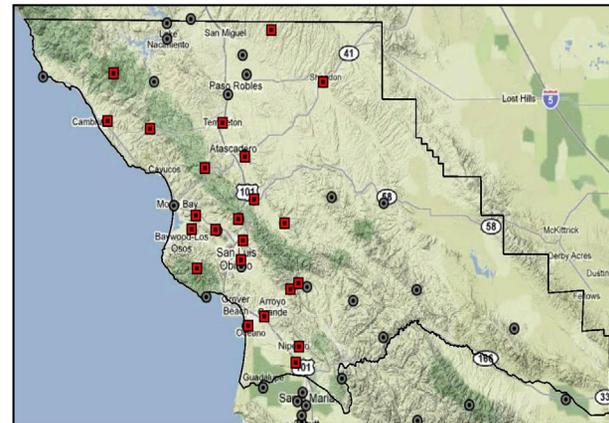
Reservoir Update

Reservoir	Date	Water Elevation (ft)	Spillway Elevation (ft)	Storage (acre-feet)	Capacity (%)
Nacimiento Reservoir	November 26, 2018	703.8	787.75 - 800.0 (wigates fully inflated)	40,620	11%
	November 26, 2017	753.3		162,203	43%
Lopez Reservoir	November 26, 2018	480.0	522.7	19,712	40%
	November 26, 2017	492.0		26,162	53%
Salinas Reservoir (Santa Margarita Lake)	November 27, 2018	1,293.1	1300.7	18,659	78%
	November 27, 2017	1,294.6		19,599	82%
Whale Rock Reservoir	November 15, 2018	196.6	218.3	28,629	73%
	November 15, 2017	197.8		29,261	75%
Twitchell Reservoir	November 26, 2018	N/A	651.5	0	0%
	November 27, 2018	570.2		22,963	12%

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.

San Luis Obispo County Flood Control and Water Conservation District
Water Resources Advisory Committee (WRAC)

2019 Regular Meeting Schedule

January 2	February 6	March 6
No Meeting	Location to be determined, San Luis Obispo 1:30 PM to 3:30 PM	Location to be determined, San Luis Obispo 1:30 PM to 3:30 PM <i>Election of Officers and By-Laws Updates</i>
April 3	May 1	June 5
San Luis Obispo Library Community Room 995 Palm St, San Luis Obispo 1:30 PM to 3:30 PM <i>District Budget</i>	Location to be determined, San Luis Obispo 1:30 PM to 3:30 PM	San Luis Obispo Library Community Room 995 Palm St, San Luis Obispo 1:30 PM to 3:30 PM
July	August	September 4
No Meeting	No Meeting	Library Community Room SLO City/County Library 995 Palm Street 1:30 PM to 3:30 PM
October 2	November 6	December 4
San Luis Obispo Library Community Room 995 Palm St, San Luis Obispo 1:30 PM to 3:30 PM	San Luis Obispo Library Community Room 995 Palm St, San Luis Obispo 1:30 PM to 3:30 PM	San Luis Obispo Library Community Room 995 Palm St, San Luis Obispo 1:30 PM to 3:30 PM <i>WRAC Membership</i>

Website: <http://www.slocountywater.org/site/Water%20Resources/Advisory%20Committee>

For any questions, please contact:

San Luis Obispo County Public Works Department
County Government Center, Room 206
San Luis Obispo, CA 93408

Ray Dienzo, WRAC Secretary
rdienzo@co.slo.ca.us
(805) 788-2110

TO: Water Resources Advisory Committee

FROM: Ray Dienzo, Supervising Water Resources Engineer

DATE: December 5, 2018

SUBJECT: Agenda Item 5: Report from Ad-Hoc Subcommittee on Additional Water Conservation Measures that can be submitted to the Board of Supervisors for Their Consideration and Consider Actions

Recommendation

Receive verbal report from Ad-Hoc Subcommittee on Additional Water Conservation Measures that can be submitted to the Board of Supervisors for Their Consideration and Consider Actions

Discussion

During the WRAC meeting March 7, 2018, a Water Conservation Subcommittee was formed to develop recommendations on additional water conservation measures that can be recommended to the Board of Supervisors. Andy Pease, David Chipping, Linda Chipping, Linda Seifert, and Steph Wald volunteered to participate in the sub-committee. The subcommittee initially met on May 9, 2018. George Kendall joined the subcommittee on July 9th.

The group met on August 6th, Sept 17th and October 31th.

In the most recent meeting on Nov 26th, the group decided that a more detailed update will be presented at the Feb 2019 WRAC meeting.

TO: Water Resources Advisory Committee

FROM: Ray Dienzo, Supervising Water Resources Engineer

DATE: December 5, 2018

SUBJECT: Agenda Item 6: Report from Ad-Hoc Subcommittee of their Review of the 2016-2018 Water Section of the Resource Summary Report and Consider Actions

Recommendation

Consider forwarding the compiled subcommittee and committee comments on the review of the Water Section of the Biennial Resource Summary Report for the County Resource Management System to the County Planning and Building Department.

Discussion

At the September 5, 2018 WRAC meeting, WRAC members approved formation of an ad hoc subcommittee tasked with reviewing the water section of the 2016-2018 Draft Biennial Resource Summary Report for the County Resource Management System. Subcommittee members included: Greg Grewal, Jim Garing, Tim Walters, and Bill Garfinkel. Bill Garfinkel dropped out of the subcommittee due to personal scheduling conflicts.

The subcommittee met to review the draft Biennial Report on November 27th to consider comments received from the subcommittee members. Planning staff, Ben Schuster and Brian Pedrotti, were also present. Subcommittee members Jim Garing and Tim Walters submitted some written comments (see attachments). Greg Grewal will present his comments verbally at the meeting.

These comments along with the verbal comments made at this December 5th WRAC meeting will be compiled; actions will be considered.

Attachments:

Jim Garing's comments
Tim Walter's comments

RSR Review Subcommittee Member Jim Garing's comments:

My comments focus on the Water Supply sections of the draft report dealing with the NCMA and NMMA segments of the Santa Maria River Valley groundwater Basin:

At our meeting of November 27, I raised a number of other issues:

1- The following wording from NMMA's 2017 Annual Report is typical of that found in the executive summary of all NMMA Annual Reports:

"5. There are a number of direct measurements that indicate that demand exceeds the ability of the supply to replace the water pumped from the aquifers (see Section 7.1.2 Hydrologic Inventory)."

From the above including the NCMA TG comments on the 2014-16 RSR draft, a reasonable person would conclude that the NMMA is in serious overdraft.

2- Groundwater modeling by Geoscience for the NCMA and NMMA areas is in an advanced stage where model runs for various test scenarios are currently being run by Geoscience with guidance from the NCMA and NMMA technical groups. As part of initial examinations, groundwater in storage under NMMA has been modeled as illustrated on the diagram I handed out at our November 27 meeting.

As I explained to the Subcommittee at that meeting, it is striking that groundwater in storage under NMMA, beginning the year that the Santa Maria groundwater lawsuit was settled (2005) through 2015, groundwater in storage under NMMA fell approximately 21,000 acre feet and from 2002 to 2016 fell approximately 35,000 acre feet. This is even more striking when viewed with the backdrop of rainfall cumulative departure from the mean which, for the period of approximately 1995 to 2015 was well above the mean.

NMMA's Annual Report for 2017 also indicates in the executive summary:

"7. The period of analysis (1975-2017) used by the TG is roughly 7 percent "wetter" on average than the long-term record (1920-2017) indicating there is a slight bias toward overstating the amount of local water supply resulting from percolation of rainfall (see Section 7.3.1 Climatological Trends)."

3- The above is important to NCMA because in my view, ever lowering inland groundwater levels within NMMA expose NCMA to seawater intrusion because NCMA wells are much closer the ocean than NMMA wells are. To illustrate this risk, I have attached page 56 from NMMA's 2017 Annual Report showing NMMA Fall 2017 groundwater contours and a large area at elevation "0" extending into NCMA.

In summary, there is adequate reason to believe that the NMMA is in serious overdraft. I understand that NMMA is already listed at Level of severity III. If the RSR update and staff report can recommend ways to assist NCSD in funding the Nipomo Supplemental Water project, that would be of assistance to NCMA since every gallon that NMMA does not have to pump will reduce that overdraft.

Tim Walter's Comments

TW - Edits 2016 - 2018 RSR Water Section WRAC DRAFT

Main document changes and comments

Page 1: Commented [WTJ1] Walters, Tim J. 11/28/2018 2:17:00 PM

This statement should be referenced footnote for both Coastal and Inland areas.

Page 1: Deleted Walters, Tim J. 11/27/2018 8:50:00 AM

OR

The time required to correct the problem is longer than the time available before the dependable supply is reached.

Page 1: Commented [WTJ2] Walters, Tim J. 11/27/2018 8:51:00 AM

This criteria is not quantifiable.

Page 11: Commented [WTJ3] Walters, Tim J. 11/27/2018 11:16:00 AM

Unclear what “plan” this sentence is referring too, is this a document?

Page 13: Commented [WTJ4] Walters, Tim J. 11/27/2018 11:23:00 AM

Should explain briefly why 66% is used, is it an average?

Page 14: Deleted Walters, Tim J. 11/28/2018 12:38:00 PM

The

Page 14: Inserted Walters, Tim J. 11/28/2018 12:38:00 PM

Nacimiento

Page 14: Deleted Walters, Tim J. 11/28/2018 12:32:00 PM

a

Page 14: Commented [WTJ5] Walters, Tim J. 11/28/2018 12:35:00 PM

Please delete this sentence, it doesn't seem relevant and considering that the reservoir has been operational since 1957 doesn't seem accurate.

Page 14: Deleted Walters, Tim J. 11/28/2018 12:37:00 PM

long

Page 15: Commented [WTJ6] Walters, Tim J. 11/28/2018 12:42:00 PM

This isn't a per year loss, the original capacity was in 1961, that is 4.2 percent over 52 years

Page 19: Commented [WTJ7] Walters, Tim J. 11/28/2018 12:59:00 PM

Hard to identify the surface water supply locations

Page 28: Commented [WTJ8] Walters, Tim J. 11/28/2018 2:26:00 PM

Seems unlikely. According to what source?

Page 28: Commented [WTJ9] Walters, Tim J. 11/28/2018 3:44:00 PM

Each of the recommendations should indicate what the current LOS is and then what the recommendation is.

Page 30: Inserted Walters, Tim J. 11/28/2018 3:39:00 PM

aquifer

Page 30: Deleted Walters, Tim J. 11/28/2018 3:40:00 PM

a

Page 31: Inserted Walters, Tim J. 11/28/2018 3:42:00 PM

;

Page 31: Inserted Walters, Tim J. 11/28/2018 3:42:00 PM

,

Page 31: Inserted Walters, Tim J. 11/28/2018 3:42:00 PM

and

Page 32: Deleted Walters, Tim J. 11/28/2018 3:45:00 PM

In an effort t

Page 32: Inserted Walters, Tim J. 11/28/2018 3:45:00 PM

T

Page 34: Deleted Walters, Tim J. 11/28/2018 3:50:00 PM

er

Page 34: Deleted Walters, Tim J. 11/28/2018 3:50:00 PM

Page 34: Deleted Walters, Tim J. 11/28/2018 3:51:00 PM

plant

Page 34: Inserted Walters, Tim J. 11/28/2018 3:51:00 PM

project

Page 37: Inserted Walters, Tim J. 11/28/2018 4:31:00 PM

y

Header and footer changes

Text Box changes

Header and footer text box changes

Footnote changes

Endnote changes

TO: Water Resources Advisory Committee

FROM: Ray Dienzo, Supervising Water Resources Engineer

DATE: December 5, 2018

SUBJECT: Agenda Item 7: Discuss Future Agenda Items and Agendize Status Updates from Member Stakeholders

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

- In-stream requirements for ecosystem species
- Projects/Programs that integrate flood management, water quality and groundwater recharge
- On-site water/energy efficiency practices (e.g. energy generating greywater systems, septic system conversions)
- Well permitting regulation as a tool for groundwater management
- Desalination opportunities
- Updates from Member Stakeholders
- Consider recommending to the Board that groundwater pumpers within groundwater basins that have Groundwater Sustainability Agencies (GSA) have direct representation within their GSA's.
- Impact of climate change on water resources

- Mark Battany – soil moisture, evapotranspiration
- Urban water loss audits, how to recover water loss, costs
- Partners in Water Conservation update
- Urban Water and Carbon Sequestration
- Healthy Soils Initiative
- Pajaro recharge basins speaker

Ongoing Updates/Regular Items – other items not shown here can be seen in the previous month's agenda

- Groundwater basin management Updates
- Various County-led water programs, policies and ordinances
- Open reporting on water conservation opportunities and information

Excerpt from WRAC By-laws dated August 15, 2017

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.