

CV-SALTS Executive Committee Meeting

Thursday, March 8, 2018 – 9:00 AM to 3:00 PM - Sunset Maple Room
Sacramento Regional Sanitation District
10060 Goethe Rd, Sacramento 95827

Teleconference (641) 715-3580 Code: 279295#

Go-To-Meeting Link: <https://global.gotomeeting.com/join/440794061>

Posted 2-27-18

- 1) **Welcome and Introductions** – Chair – (15 mins)
 - a) Committee Roll Call and [Membership Roster](#)
 - b) Review and Approve February 15, 2018 Meeting Notes
- 2) **Review of SAMP Comments and Changes** – Richard Meyerhoff (45 mins)
- 3) **Review of Issues Submitted as Comments and Suggested Edits** – Tess Dunham (1 hr. 30 mins)
 - Suggested changes and edits:
 - Comments on the Secondary MCLs
 - Other changes and revisions

11:30 am to 1:00 pm - Lunch on Your Own
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- 4) **Continuation of Morning Discussion** – (1 hr. 30 mins)
- 5) **Administrative Updates** – Daniel Cozad (30 mins.)
 - Public Education and Outreach – Update
 - Insert (for 11 X 17 brochure) Approval:
 - [Drinking Water – One Page](#)
 - [Drinking Water – Two Page](#)
 - Outreach Tracking Form Entries
- 6) **Review Meeting Schedule/Location**
 - Policy Meeting: April 19th – 9:00 – 3:00 @ Sac Regional
 - Policy Meeting: May 3rd – 9:00 – 3:00 @ Sac Regional
 - Admin Meeting: May 4th – 1:30 – 3:00
 - Policy Meeting: May 24th – 9:00 – 3:00 @ Sac Regional

CV-SALTS meetings are held in compliance with the Bagley-Keene Open Meeting Act set forth in Government Code sections 11120-11132 (§ 11121(d)). The public is entitled to have access to the records of the body which are posted at <http://www.cvsalinity.org>

One or more Central Valley Regional Water Quality Board members may attend.

CV-SALTS Committee Rosters

Executive Committee Membership			CV-SALTS Executive Committee Meetings - 2017-2018										
Voters	Category/Stakeholder Group	Name	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb	8-Mar
1	Central Valley Water Board	Pamela Creedon	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Alt	Central Valley Water Board	Jeanne Chilcott	✓	✓	✓	✓	✓	✓		✓	✓		
2	State Water Resources Control Bd.	Darrin Polhemus		✓				✓			✓	✓	
3	Department of Water Resources	Jose Faria											
Alt	Department of Water Resources												
4	US Bureau of Reclamation	Ellwood Raley	✓	✓				✓			✓	✓	
5	Environmental Justice	Laurel Firestone											
6	Environmental Water Quality	TBD											
CV Salinity Coalition													
1	So. San Joaquin WQC	Casey Creamer	✓	✓	✓	✓	✓		✓	✓	✓		
2	City of Stockton	Robert Granberg	✓										
3	California Cotton Growers	Chris McGlothlin			✓								
4	City of Fresno	Rosa Lau-Staggs	✓	✓	✓	✓	✓		✓	✓	✓		
5	CA League of Food Processors	Trudi Hughes											
Alt	CA League of Food Processors	Rob Neenan	✓	✓	✓		✓		✓		✓	✓	
6	NCWA/SVWQC	Bruce Houdesheldt	✓	✓	✓	✓	✓		✓			✓	
7	City of Tracy	Stephanie Hiestand										✓	
Alt	City of Tracy	Dale Klever											
8	Sacramento Regional CSD	Lysa Voight	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Alt	Sacramento Regional CSD	Sam Safi											
9	San Joaquin Tributaries Authority	Dennis Westcot											
10	Valley Water Management	Melissa Thorne	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Alt	Valley Water Management	Jim Waldron	✓						✓	✓			
11	California Rice Commission	Tim Johnson	✓	✓	✓	✓	✓	✓			✓		
12	City of Davis	Josie Tellers	✓	✓	✓	✓	✓		✓	✓	✓	✓	
13	Tulare Lake Drainage/Storage District	Mike Nordstrom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
14	Western Plant Health Assoc.	Renee Pinel			✓						✓		
15	City of Vacaville	Steve Sawyer											
Alt	City of Vacaville	Tony Pirondini	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
16	Dairy Cares	J.P. Cativiela	✓	✓	✓	✓	✓		✓		✓	✓	
Alt	Dairy Cares	Paul Sousa											
17	Westlands Water District	Jose Guitierrez											
Alt	Westlands Water District	Charlotte Gallock			✓	✓	✓	✓	✓	✓	✓	✓	
Comm. Chairs/Co-chairs													
1	Chair Executive Committee	Parry Klassen, ESJWQC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Vice Chair Executive Committee	Debbie Webster CVCWA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	Technical Advisory Committee	Roger Reynolds, S Engr.											
	Technical Advisory Committee	Nigel Quinn, LBL		✓	✓								
4	Public Education and Outreach	Nicole Bell	✓	✓	✓	✓	✓	✓					
5	Economic and Social Cost Committee	David Cory, SJVDA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Lower San Joaquin River Committee	Karna Harrigfeld, SEWD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

CV-SALTS Committee Rosters

Participant Names													
Last	First	Organization	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb	8-Mar
Archibald	Elaine	CUWA	✓										
Au Yeung	Cindy	CVRWQCB						✓					
Ashby	Karen	LWA											
Baptiste	Anne	Diepenbrock Elkin Gleason				✓	✓	✓	✓	✓		✓	
Barclay	Diane	SWRCB	✓	✓	✓	✓	✓						
Brown	Michelle	RBI											
Bryant	Mike	RBI											
Carlo	Penny	Carollo Engineers	✓		✓				✓				
Cady	Mark	CDFA		✓	✓	✓	✓	✓				✓	
Claiborne	Mike	Leadership Counsel			✓			✓				✓	
Clary	Jennifer	CWA											
Dickey	John	Plantierra		✓			✓				✓	✓	
Doduc	Tam	SWRCB											
Dunham	Tess	Somach Simmons	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Escobar	Juan	DWR	✓	✓	✓								
Fink	Cody	LANDIQ								✓			
Fuentes	Robert	Leadership Counsel											
Garcia	Rick	CRC	✓	✓	✓	✓	✓		✓	✓		✓	
Gonzalez	Armando	Occidental Oil & Gas											
Gleason	Nicole	Diepenbrock Elkin Gleason											
Gore	Bob	Gualco Group			✓	✓		✓	✓	✓	✓	✓	
Gosling	Doug												
Grovhoug	Tom	LWA		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Gudel	Casey	LANDIQ											
Horne	Randy	NAFTEX	✓	✓	✓		✓				✓		
Johnson	Michael	LSJRC	✓										
Kihara	Annalisa	SWRCB											
Kimmelshue	Joel	LANDIQ											
Kotin	Adam	Wine Institute	✓		✓				✓		✓		
Krachey	Julie	Apex					✓						
Kretsinger Grabert	Vicki	LSCE	✓				✓	✓	✓	✓	✓	✓	
Kubiak	Rachel	Western Plant Health Assoc.											

ADDITIONAL PARTICIPANTS:

Participant Names			CV-SALTS Executive Committee Meetings -2017-2018										
Last	First	Organization	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb	8-Mar
Laputz	Adam	CVRWQCB				✓							
Larson	Bobbi	CASA	✓	✓							✓	✓	
LeClaire	Joe	Daniel B. Stephens & Assoc											
Liebersbach	Debbie	Turlock Irrig Dist			✓								
Lilien	Jonathan	Chevron											
Link	Adam	CASA											
Littlejohn	Anne	CVRWQCB		✓	✓	✓	✓		✓	✓	✓		
Longley	Karl	CVRWQCB		✓	✓	✓	✓	✓	✓		✓	✓	
Lovley	Tim	MacPherson Oil				✓	✓		✓				
McGahan	Joe	SJVDA											
McReynolds	Scott		✓	✓									
Meeks	Glenn	CVRWQCB	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Meyerhoff	Richard	GEI Consultants	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Moore	Tim	Risk-Sciences	✓		✓		✓	✓			✓	✓	
Ores	Debi	CWC			✓		✓						
Peschel	Paul	KRCD							✓				
Plachta	Walt	CVRWQCB				✓	✓	✓	✓		✓		
Pritchett	Gregory	Chevron											
Pulupa	Patrick	CVRWQCB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Pitcher	Jennifer	West. States Petroleum											
Reedy	Chris	VWM						✓		✓		✓	
Rempel	Jenny	CWC											
Rivera	Willie	CIPA		✓	✓		✓	✓		✓		✓	
Rodgers	Clay	CVRWQCB					✓	✓			✓	✓	
Savage	Chris	Gallo									✓		
Schmidt	Andrea							✓					
Schultz	Paul	CDM Smith											
Seyfried	Scott	SWRCB	✓			✓	✓	✓					
Seaton	Phoebe	LCJA	✓										
Segal	Daniel	Chevron											
Silva	Megan	Aera	✓										
Starr	Bonny	Starr Consulting						✓					
Thomas	Bill	KRCD	✓			✓	✓	✓				✓	
Tillman	Stephanie	LANDIQ	✓	✓	✓	✓	✓		✓		✓	✓	
Tristao	Dennis	J.G. Boswell											
Wackman	Mike	SJ County/Delta Water		✓				✓				✓	
Zimmerman	Christine	IOPA	✓	✓	✓		✓		✓	✓	✓	✓	

ADDITIONAL PARTICIPANTS:

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Making Central Valley Drinking Water Safe

New Water Quality Regulations

The Problem – Unsafe Drinking Water

Many communities in the Central Valley rely on groundwater as their primary source of drinking water. Over time, pollutants from agricultural, municipal, and industrial wastewater have contaminated the groundwater in some areas. Pollutants can include salts, nitrates, pesticides, heavy metals, and organisms that can cause disease. As a result, drinking water from many public and private wells does not meet State standards.

What is the Impact of Contamination?

Nitrates are a major cause of unsafe drinking water in the Central Valley. Nitrates seep slowly into the groundwater from fertilizers or after being discharged as wastewater from animal feedlots, industrial facilities, municipal wastewater plants, or leaky septic systems.

Drinking water with high levels of nitrate can create a health risk, especially to infants and pregnant women. Because nitrates have been getting into the groundwater over the last few decades, nitrate levels in some drinking water supplies have increased to unhealthy levels.

Salt is another pollutant that has, over time, gotten into the groundwater from agricultural, municipal, and industrial practices. Also, some areas of the Central Valley have naturally occurring high salt levels. High salt levels in water and soils can reduce crop production.

Progress is Being Made

Changes in regulations are needed to address the complex nitrate and salt problem. Current regulations do not address the need for safe drinking water in communities where groundwater is contaminated with nitrates and salts.



A group of dischargers, representing growers, dairies, industries, and local communities, regulators from government agencies, environmental organizations, and the Central Valley Regional Water Quality Control Board (Regional Board) formed the Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS). The goals of the CV-SALTS program are to:

1. manage salts and nitrates to provide safe drinking water,
2. bring the impacts of salt and nitrates to the groundwater into balance, and
3. where possible, restore groundwater quality.

To meet these goals, using scientific studies, CV-SALTS developed the 2017 Salt and Nitrate Management Plan (SNMP). The SNMP proposes new, more locally flexible regulations for nitrates and salts. Once the new regulations are adopted in 2018, they will be implemented first in high-priority areas that include: Kaweah, Turlock, Chowchilla, Tule, Modesto, and Kings groundwater sub-basins and basins.

How can I learn more about CV-SALTS?

You are encouraged to participate and get involved now. For more information, visit www.cvsalinity.org.

Draft One-Page Safe Drinking Water is Top Priority, February 27, 2018



Making Central Valley Drinking Water Safe

New Water Quality Regulations

The Challenge: Unsafe Drinking Water Supplies in Parts of the Central Valley

In 2012, California established access to clean, safe drinking water as a legal right through the Human Right to Water Bill (AB 685). Some areas of the Central Valley do not yet have safe drinking water supplies. Not having safe drinking water, whether from private wells or from a public water system, is an urgent problem, particularly in rural, low-income, disadvantaged communities.

Pollutants in the Groundwater

Wastewater carrying pollutants can be released into a river, a lake, or the soil where it seeps or moves slowly into the groundwater below the ground. At high enough concentrations, the pollutants can make groundwater supplies unusable for drinking water and, in some cases, for agricultural use.

Wastewater is water that has been used. It can come from your home (old, leaky septic tank), agriculture (fertilizer and manure), industries (such as food processing), or cities (public sewer system), and from surface or stormwater runoff. It can contain pollutants like salts, nitrates, pesticides, heavy metals, and organisms that can cause disease.

Nitrates that get into the groundwater are a major cause of the unsafe drinking water. For example, when fertilizer containing nitrates is applied to crops, not all nutrients in the fertilizer are absorbed by the plants. The excess nutrients then seep into groundwater supplies as nitrates.

Salt is another pollutant that has gotten into the groundwater. Over the years, agricultural, municipal, and industrial practices have all contributed salt to groundwater. Also, some areas of the Central Valley have naturally



occurring high salt levels. High salt levels in water and soils can reduce crop production.

Who is Responsible for Water Quality?

Agricultural, municipal, and industrial facilities and households are all responsible for managing pollutants. The U.S. Environmental Protection Agency (EPA) and the Central Valley Regional Water Quality Control Board (Regional Board) are responsible for regulating water quality for nitrates and salts from agricultural, municipal, and industrial facilities.

Drinking water is provided by many different organizations, from large city systems and water districts to small community water systems. Private household wells are also an important source of water. Many small, disadvantaged communities where residents struggle to afford their water bills or rely on private wells do not have the money to pay for needed upgrades, regular maintenance, and improved treatment operations. In these same communities, residents are also having to buy bottled water or other safe drinking water supplies.

Current regulations for pollution discharges do not reasonably or effectively address the need for safe drinking water. More effort is needed to provide safe drinking water while preventing and cleaning up pollutants.



Making Central Valley Drinking Water Safe

New Water Quality Regulations

CV-SALTS Addresses Salts and Nitrates in Groundwater

In the Central Valley, the State of California and dischargers are working together to find solutions for unsafe drinking water. One solution is the CV-SALTS program. The CV-SALTS program is a group of state and federal regulatory agencies, growers, dairies, industries, municipalities, and environmental interests that have been working together to find better ways to regulate nitrates and salts in the Central Valley.

In January 2017, CV-SALTS released the *Salt and Nitrate Management Plan* (SNMP). It includes changes to the regulations for nitrates and salts. The new regulations address the need for safe drinking water, while at the same time, balancing environmental and economic sustainability by offering more flexible local options for controlling nitrate discharges and cleaning up groundwater.

In late 2018, the Regional Board will implement the new regulatory options in areas with high concentrations of nitrates in the ground water. These high-priority areas are in the Kaweah, Turlock, Chowchilla, Tule, Modesto, and Kings sub-basins and basins.

Learn More About CV-SALTS, Help Shape Your Future

You are encouraged to participate and get involved now. To learn more, visit CV-SALTS at www.cvsalinity.org. CV-SALTS is just one avenue working to ensure safe drinking water supplies for everyone in the Central Valley.

To learn more about funding and technical assistance for small community water systems and disadvantaged communities, visit:

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/sustainable_water_solutions/#funding.

Programs Supporting Safe Drinking Water for Disadvantaged Communities

The State Water Resources Control Board (State Water Board) has programs that support access to safe drinking water supplies and help offset the cost of buying water. Depending on the program, the State Water Board offers technical and financial assistance (loans and/or grants) for smaller community water systems and residents located in disadvantaged communities.

- In 2016, funds (from the State's Cleanup and Abatement Fund Account) were allocated for the **Interim Emergency Drinking Water program** to address drought-related drinking water emergencies and provide interim emergency drinking water to disadvantaged communities with a contaminated water supply.
- The State Water Board Division of Financial Assistance **Office of Sustainable Water Solutions** offers funding and technical assistance to disadvantaged communities through three funds: The Drinking Water State Revolving Fund, Clean Water State Revolving Fund, and Proposition 1 bond funds.

CV-SALTS Meeting Calendar

2018

1 January						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
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3 March						
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29	30					

5 May						
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6 June						
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8 August						
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9 September						
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11 November						
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12 December						
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23	24	25	26	27	28	29
30	31					

Notes/Key

Light Red conflicts

Third Thursdays Where possible

Executive Committee Meetings

Policy or Admin Calls 1:00 or 1:30pm

Yellow Salty 5

Regional Board Workshops/Hearings

TAC Meeting

PEOC Committee