

CV-SALTS Executive Committee Meeting

Thursday, February 15, 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/723939309>

Posted 2-6-18 – Revised 2-14-18

- 1) **Welcome and Introductions** – Chair – (15 mins)
 - a) Committee Roll Call and [Membership Roster](#)
 - b) Review and Approve [January 3rd](#) and [January 11th Meeting Notes](#)
- 2) **Recap and Follow-up from January 19th Regional Board Workshop** – Daniel Cozad (30 mins)
 - Suggestions, revisions comments towards the March 22nd Hearing
- 3) **Remaining Policies in Basin Plan Format** – Richard Meyerhoff/Tess Dunham/Glenn Meeks (1 hr. 45 mins)
 - Changes to Language and Issues:
 - Surveillance and Monitoring Program (SAMP)
 - Salinity Control Program

11:30 am to 1:00 pm - Lunch on Your Own
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- 4) **Continuation of Morning Discussion** - Richard Meyerhoff/Tess Dunham (1 hr. 45 mins)
 - Surveillance and Monitoring Program (SAMP)
 - Salinity Control Program
- 5) **Administrative Updates** – Daniel Cozad (15 mins.)
 - Public Education and Outreach – Update
 - Insert (for 11 X 17 brochure) Approval: [Drinking Water](#)
- 6) **Review Meeting Schedule/Location**
 - Policy Meeting: March 8th – 9:00 – 3:00 @ Sac Regional
 - Regional Board Hearing: March 22nd
 - Policy Meeting: April 19th – 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	20-Apr	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb
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	Erich Delmas											
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 Thorme	✓	✓	✓	✓	✓	✓	✓		✓	✓	
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 Gutterrez											
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	20-Apr	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb
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	20-Apr	15-Jun	16-Aug	17-Aug	11-Oct	12-Oct	9-Nov	14-Dec	3-Jan	11-Jan	15-Feb
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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CV-SALTS Executive Committee Meeting Notes

Wednesday, January 3, 2018 - 1:00 – 3:00 PM

TELECONFERENCE ONLY

Attendees are listed on the Membership Roster

AGENDA

1) Welcome/Introductions – Consent Calendar

- a) The meeting was brought to order by Committee Chair, Parry Klassen.
- b) Roll call was completed.
- c) Debbie Webster moved, and David Cory seconded, and by general acclamation the March 16, 2017 meeting action notes were approved.

2) Review and Discussion of Materials Posted for January 19th Workshop

- Per Richard Meyerhoff only editorial changes were made to the Salinity Control Program. No significant changes were made. There were no questions from the committee on the most recent revisions to the Salinity Control Program.
- Tess Dunham summarized the current revisions to the Nitrate Control Program.
 - Vicki Kretsinger voiced concerns regarding the variation in definitions of “shallow zone” that appear in different sections of the document. Tess indicated the Glossary definition needs updating. Vicki will forward clarifying comments to Tess.
- Tim Moore summarized the current revisions for the SMCL Policy.
- Per Anne Littlejohn there were no significant changes made to the Drought & Conservation, Offsets, Exceptions and Variance Policies.
- Patrick Pulupa advised that he had revised a few of the Glossary terms to better bring them into alignment with the SNMP.
 - Vicki Kretsinger will submit comments on glossary terms that should be updated.

3) Presentation Preparation for January 19th

- Richard Meyerhoff presented the initial draft of the framework for the Workshop presentation.
 - Committee suggested topics to be discussed first thing in the morning session of the workshop should be: Conditional Prohibition Language, Management Zone, Nitrates.
- Identified as possible speakers: Tess Dunham, David Cory, Jeanne Chilcott, Tim Moore.

4) Review Meeting Schedule/Location

- Regional Board Workshop – January 19th
- Next Policy Meeting: January 11th – 9:00 – 4:00 PM

CV-SALTS Executive Committee Meeting - Summary Action Notes

For January 11, 2018 – 9:00 AM to 4:00 PM

Attendees are listed on the Membership Roster

DISCUSSION ITEMS

1) Welcome and Introductions

- a) Executive Committee Chair Parry Klassen brought the meeting to order, and roll call was completed.
- b) Tim Johnson moved, and Rob Neenan seconded, and by general acclamation the December 14th Meeting Action Notes were approved.

2) Review of Basin Plan Language Changes in Materials Posted for January 19th

3) Presentation Preparation for January 19th

- During the morning session the committee discussed the draft PowerPoint presentation for the January 19th workshop. Jeanne Chilcott described the proposed format, speakers, and issues and clarifications for the workshop presentation. Some of the comments from the committee on the presentation:
 - Slide 4: Should be “Ensuring Implementation”
 - Nitrate Flowchart:
 - Change “if any wells” to “if applicable...”
 - Include Non-Prioritized Basins, and areas outside of valley floor not in groundwater basin
 - Refine the timeline for election for Pathway A or B
 - Slide 14: Create a handout of the map showing all of areas, not just the Valley Floor
 - Slide 17:
 - Add notation in header that this applies only on Path A
 - Concern was expressed regarding shallow zone definition in the East San Joaquin Order and potential conflict with CV-SALTS.
 - Create a new graphic that captures the proposed shallow zone definition and have available in handout form for the workshop.
 - Some of the slide color schemes need to be changed to enhance readability.
 - Slide 21: Create a second ACP slide that lists more of the requirements and includes what has been added to the guidelines to address comments received at the previous workshop.
 - The committee agreed that language should be developed for coordination of Management Zone development with SGMA.
 - Slide 22: Management Zone Deliverables – Develop a similar slide for individual dischargers.
 - Slide 23: Change “Approval” to “Consideration”, and date to only the year “2018”
 - Slide 28: Rewrite this language eliminating use of numeric criteria. Phase 1 Prioritization and Optimization Study will be used to develop the new criteria for salinity.
 - At the beginning of the presentation include a definition for salinity and note that all permitted dischargers of salinity will fall under this program.
 - Slide 33: Make the same edits as Slide 23.
 - Topics noted for needing further discussion:
 - Lead entity and management of the study
 - Appropriate language for NPDES permittees
 - Effect of dedesignation on participation in the P&O Study
 - Create a Dedesignation slide

- Recommendations from CVSC discussion during lunch:
 - Dischargers will not be able receive an effluent limit that is any higher than the objective.
 - Instead of defining shallow groundwater leave it as is currently in the basin plan.
- During the afternoon session the committee discussed the supporting policies in the draft PowerPoint presentation for the January 19th workshop: Variance & Exceptions, Drought & Conservation, Offsets, and SMCL.
- Three potential discussion panels were identified for the workshop: EJ, Dischargers, Coalition.
- Committee members should forward additional comments on terminology and definitions to Anne Littlejohn.

4) Administrative Updates

- No additional items were covered.

5) Review Next Meetings - Schedule/Location

- Regional Board Workshop: January 19th
- 2/15 Policy Meeting 9:00 – 3:00 @ Sac Regional



Making Central Valley Drinking Water Safe New Water Quality Regulations

The Problem – Unsafe Water

Many communities in the Central Valley have unsafe drinking water supplies as a result of groundwater contamination. The groundwater is polluted by fertilizers, farm animal waste, and aging septic tanks. These pollutants often have salts, nitrates, pesticides, heavy metals, and organisms that can cause disease. As a result, water from many private and domestic wells do not meet State safe drinking water standards.

What is the impact of contamination?

Current regulations do not address the need for safe drinking water in communities where groundwater is contaminated with nitrate and salts. Nitrates are a major cause of unsafe drinking water in the Central Valley. Nitrate comes from fertilizers, aging septic systems, animal feedlots, industrial waste and food processing waste. Many private and domestic wells are contaminated with nitrates. Drinking water with high levels of nitrate can create a health risk, especially to infants and pregnant women. Salt is another pollutant in the groundwater. Over the years, through agricultural, municipal, and industrial practices, salt has accumulated in the groundwater. High salt (salinity) levels can affect the ability to grow crops and also poses a threat to the region's economy. About 1.5 million acres of land have high salinity levels. 250,000 acres are no longer useable for crop production.

What is being done?

Changes in regulations are needed to address this complex problem. A coalition of dischargers (growers, dairies, and municipalities), regulators (government agencies), environmental justice groups, and the Central Valley Regional Water Board (Regional Board) have formed the Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS). The purpose of CV-SALTS is to develop a workable, comprehensive plan for managing salts and nitrate in a consistent and sustainable manner. Over the last few years, CV-SALTS used scientific studies to develop the Salt and Nitrate Management Plan (SNMP).

What is goal of the SNMP?



The top priority of the new regulations in the SNMP is to provide safe drinking water supplies, while improving water quality by reducing salts and nitrates, and, where possible, restoring groundwater.

Progress

As a result, in 2018, the Regional Water Board will put into effect new regulatory options to address the nitrate entering the groundwater in areas with high nitrate levels. These areas 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.

CV-SALTS Meeting Calendar

2018

1 January

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

2 February

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

3 March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

4 April

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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22	23	24	25	26	27	28
29	30					

5 May

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

6 June

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

7 July

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

8 August

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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9 September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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23	24	25	26	27	28	29
30						

10 October

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

11 November

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
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11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

12 December

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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16	17	18	19	20	21	22
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