

CV-SALTS Executive Committee Meeting

September 10, 2015 - 9:00 AM to 3:00 PM

Sacramento Regional Sanitation District Offices – **Valley Oak Room**
10060 Goethe Rd, Sacramento 95827

Teleconference (712) 432-0360 Code: 927571#

Go-To-Meeting Link: <https://global.gotomeeting.com/join/714419325>

Posted 09-01-15

AGENDA

1) Welcome and Introductions - Chair

- a) Committee Roll Call and [Membership Roster](#) -5 min.
- b) Review/Approve Executive Committee Meeting Notes for July & August – 5 min.
 - [July 15-16th Meeting Notes](#)
 - [August 13th Meeting Notes](#)
- c) UPDATED [SNMP Development Schedule](#) – 5 min

2) Clarifying Definitions for Key Regulatory Words and Phrases – (Tim Moore -1 hour 45mins)

11:30 am to 1:00 pm - Lunch on Your Own

3) Continue Review and Discussion of Key Definitions - (Tim Moore -2 hours)

4) Set next meeting dates

- October 9th Admin Meeting 1:00 PM-2:30 PM
- October 21st Half-Day Policy Session 1:00 PM – 4:00 PM (NIMS & SSALTS)
- October 22nd Policy Session 9:00a – 3:00p (Nitrate Permitting Strategy)

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 During 2014-2015														
Voters	Category/Stakeholder Group	Name	8-Jan	16-Jan	20-Feb	19-Mar	9-Apr	1-May	21-May	17-Jun	18-Jun	10-Jul	15-Jul	16-Jul	7-Aug	13-Aug	10-Sep
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	Ernie Taylor	✓	✓													
4	US Bureau of Reclamation	Michael Mosley	✓	✓	✓		✓	✓	✓		✓			✓			
5	Environmental Justice	Jennifer Clary							✓								
6	Environmental Water Quality	TBD															
CV Salinity Coalition																	
1	So. San Joaquin WQC	Dave Orth															
Alt	So. San Joaquin WQC	Casey Creamer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
2	City of Stockton	Robert Grandberg															
3	California Cotton Growers	Chris McGlothlin	✓			✓	✓				✓					✓	
4	City of Fresno	Steve Hogg															
5	CA League of Food Processors	Trudi Hughes															
Alt	CA League of Food Processors	Rob Neenan	✓			✓	✓		✓	✓	✓			✓			
6	Wine Institute	Tim Schmelzer															
Alt	Wine Institute	Chris Savage															
7	City of Tracy	Erich Delmas	✓			✓	✓		✓				✓	✓		✓	
Alt	City of Tracy	Dale Klever												✓		✓	
8	Sacramento Regional CSD	Lysa Voight	✓			✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
Alt	Sacramento Regional CSD	Carolyn Geisler-Balazs		✓			✓		✓								
9	San Joaquin Tributaries Authority	Dennis Westcot						✓	✓	✓			✓				
10	City of Modesto	Gary DeJesus															
11	California Rice Commission	Tim Johnson	✓	✓						✓	✓			✓		✓	
12	City of Manteca	Heather Grove								✓	✓						
13	Tulare Lake Drainage/Storage District	Mike Nordstrom	✓			✓	✓	✓	✓	✓	✓	✓		✓		✓	
14	Western Plant Health Assoc.	Renee Pinel					✓		✓								
15	City of Vacaville	Royce Cunningham	✓														
16	Dairy Cares	J.P. Cativiela	✓			✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
Alt	Dairy Cares	ALT															
17	Westlands Water District	Jose Guterrez				✓											
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.		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
3	Technical Advisory Committee	Nigel Quinn, LBL	✓		✓												
4	Public Education and Outreach	Joe DiGiorgio	✓		✓	✓	✓		✓	✓	✓			✓		✓	
5	Economic and Social Cost Committee	David Cory, SJVDA	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	Lower San Joaquin River Committee	Karna Harrigfeld, SEWD	✓	✓		✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	

CV-SALTS Committee Rosters

Participant Names			CV-SALTS Executive Committee Meetings During 2014-2015														
Last	First	Organization	8-Jan	16-Jan	20-Feb	19-Mar	9-Apr	1-May	21-May	17-Jun	18-Jun	10-Jul	15-Jul	16-Jul	7-Aug	13-Aug	10-Sep
Alexander	John	City of Davis															
Archibald	Elaine	CUWA	✓		✓	✓		✓	✓	✓	✓		✓	✓	✓		
Ashby	Karen	LWA	✓	✓	✓	✓	✓	✓		✓	✓				✓		
Barclay	Diane	SWRCB	✓			✓	✓		✓		✓		✓	✓			
Bell	Nicole	KRWCA				✓	✓		✓	✓	✓		✓	✓			
Boyle	Dylan	LSCE									✓						
Buford	Pam	CVRWQCB	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
Cady	Mark	CDFA							✓		✓			✓			
Cehrs	David	KRCD									✓						
Clary	Jennifer	CWA															
D'Adamo	Dee Dee	SWRCB	✓														
Dickey	John	Plantierra				✓			✓	✓	✓				✓		
Doduc	Tam	SWRCB				✓	✓										
Dunham	Tess	Somach Simmons	✓			✓	✓		✓	✓	✓		✓	✓		✓	
Escobar	Juan	DWR								✓	✓		✓	✓			
Felton	Mark	Culligan Wtr/PWQA															
Firestone	Laurel	CWC					✓		✓	✓	✓			✓			✓
Gallock	Charolotte	WWD	✓					✓		✓	✓	✓	✓	✓			
Gonzalez	Armando	Occidental Oil & Gas	✓			✓			✓		✓			✓			✓
Gowdy	Mark	SWRCB,Water Rights															
Grovhoug	Tom	LWA	✓	✓	✓		✓		✓	✓	✓			✓			✓
Herr	Joel	Systech															
Houdesheldt	Bruce	NCWA/Sac Valley WQC	✓	✓	✓	✓				✓	✓		✓	✓			
Johnson	Jeff	Chevron															
Johnson	Michael	LSJRC		✓	✓			✓							✓		
Kihara	Annalisa	SWRCB	✓						✓					✓			
Kretsinger Grabert	Vicki	LSCE	✓		✓	✓	✓			✓	✓			✓			✓
Laputz	Adam	CVRWQCB				✓	✓					✓					
LeClaire	Joe	CDM Smith							✓			✓			✓	✓	
Lilien	Jonathan	Chevron	✓														
Longley	Karl	CVRWQCB		✓			✓		✓	✓	✓		✓	✓			
McGahan	Joe	SJVDA														✓	
Meeks	Glenn	CVRWQCB	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓
Meyerhoff	Richard	CDM Smith	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Moore	Tim	Risk-Sciences	✓			✓	✓		✓	✓	✓		✓	✓			✓
Nasaei	Elnaz	SWRCB															
Nordberg	Mark	DWR							✓								
O'Brien	Conor	CDFA	✓		✓	✓	✓						✓				✓
Pirondini	Tony	City of Vacaville			✓	✓	✓			✓	✓			✓			
Pritchett	Gregory	Chevron	✓														
Pulupa	Patrick	CVRWQCB	✓			✓			✓	✓	✓		✓	✓			✓
Pirondini	Tony	City of Vacaville							✓						✓		
Pitcher	Jennifer	West. States Petroleum	✓	✓			✓		✓						✓		
Quasebarth	Tom	CDM Smith															
Rodgers	Clay	CVRWQCB	✓			✓	✓		✓	✓	✓		✓	✓			
Seaton	Phoebe	CRLA	✓				✓		✓		✓			✓			✓
Segal	Daniel	Chevron											✓				
Stamps	Alicia	Kennedy/Jenks											✓				
Tellers	Josie	City of Davis	✓			✓	✓		✓	✓	✓		✓	✓	✓	✓	
Thomas	Bill	KRCD	✓				✓		✓	✓	✓	✓			✓	✓	
Tristao	Dennis	J.G. Boswell	✓														
West	Doug	CDFA															✓
Wichert	Casey					✓											

ADDITIONAL PARTICIPANTS:

CV-SALTS Executive Committee Meeting - Summary Action Notes

For July 15, 2015 – 1:00 PM to 4:00 PM

Attendees are listed on the Membership Roster

AGENDA

1) Welcome and Introductions

- a) Committee Chair Parry Klassen brought the meeting to order, and roll call was completed.
- b) Casey Creamer moved to approve, and David Cory seconded, and the June 17th and June 18th action notes, were approved with the following revision to the June 17th notes:
 - **Purpose of Management Zones**
Item 5) add the following: *"The authority to administer a Management Zone may require authorization from other local agencies in addition to the Regional Board's approval."*
 - **Antidegradation Analysis Within a Management Zone**
Item 1) expand and clarify the use of buffers in the allocation of assimilative capacity. If using a buffer, how big should it be, and how should it be implemented.

2) Secondary MCLs

- Tim Moore pointed out two typos that need to be corrected in the document:
 - Page 19, Eliminate the word "not" in the following:
Traditionally, water quality objectives are ~~not~~ expressed as single value thresholds and the system is not set up to implement standards as a range
 - Page 6, Insert "The omission of..." in the following:
The omission of this contextual information interferes with the Regional Board's ability to develop appropriate Waste Discharge Requirements (WDRs) based on the values enumerated in the two tables.
- Some of the recommendations, or concerns, from the committee members were:
 - Page 9, Item 11) Clarify or replace the terms "naturally occurring," and "ability-to-pay." Clarify "averaging." Reference State Board document that addresses ways of determining "ability-to-pay."
 - Page 8, Item 10) Remove "metals," clarify the filtration of the sample and test after filtration. Compliance to be determined on a filtered (0.45 micron) sample. Clarify total vs. dissolved.
 - Page 10 The red line sections B) and D) need to be edited for consistency whether ground water or surface water.
 - Need a different point of compliance for groundwater, community well is too far down.
 - Replace "community water system" with "domestic water supply."
 - CUWA voiced a concern that the ACPs and SSALTS focus on ground water and that nothing similar exists for surface waters.
 - Tim suggested that maps be developed for comparison, delineating where CUWA and POTW are experience SMCL compliance issues.
 - Page 11 Red line revision for Table B discussion under F) is missing.
- The SMCL document will now go to the small group for rewrite. If there are no further substantive policy issues it will proceed to the Executive Committee Admin Meeting for approval.

3) Set next meeting date

- The next Policy Session is July 16th. The next Admin Meeting will be August 7th. August Policy is scheduled for August 13th.

CV-SALTS Executive Committee Meeting - Summary Action Notes

For July 16, 2015 – 9:00 AM to 3:00 PM

Attendees are listed on the Membership Roster

AGENDA

1) Welcome and Introductions

- a) CVSC Chair David Cory brought the meeting to order, and roll call was completed.
- b) Richard Meyerhoff presented the [SNMP 2015 Development Schedule Revised 070815](#). Some topics have been juggled to accommodate the CEQA schedule. Richard emphasized the importance of the October meeting where both nitrate (NIMS) and salt (SSALTS) implementation programs will be discussed.

2) Exception Policy for Groundwater: Eligibility, Justification, Application

- During the morning and afternoon session Tim asked the committee to consider the following questions regarding an exceptions policy:
 - 1) *Should the SNMP recommend extending the Regional Board's authority to grant exceptions beyond June 20, 2019? If so, what is the rationale to justify that recommendation?*
 - 2) *Should the SNMP recommend expanding or contracting the list of chemical constituents eligible for an exception? And, more specifically, should nitrate-nitrogen be eligible for an exception?*
 - 3) *Assuming that CV-SALTS intends to recommend some sort of continuing authority to grant exceptions, what eligibility requirements should apply?*
 - 4) *Assuming that a discharger (or group of dischargers) is eligible for an exception, what demonstrations must be made to the Regional Board to justify approval? And, what evidence is required to support those claims?*
 - 5) *What should be the maximum term of an exception? What, if any, intermediate review requirements should apply during that term? Can a new exception be granted following expiration of a prior exception? If so, how would the requirements for reauthorization differ from the requirements imposed for the initial approval?*
 - 6) *What special monitoring and reporting requirements should apply in order to see that the exception is implemented as intended?*
 - 7) *What other interim performance obligations and mitigation requirements should be imposed as a condition for granting an exception?*
 - 8) *What, if any, requirements related to implementing long-term sustainability programs (like those envisioned by SSALTS) should be linked to the long-term exceptions policy?*
 - 9) *Does CV-SALTS want to recommend that a long-term streamlined Exceptions Program be developed for one or more of the chemical constituents eligible for such exceptions as part of the proposed Basin Plan amendment package scheduled for submission to the Regional Board in the spring of 2017? The streamline Exceptions Program would request that the Regional Board apply its extended/expanded authority by granting some specific exceptions.*
- The committee also discussed the Eligibility Requirements for a Conditional Exception from WDRs and Key Demonstrations to be made with the Application for a Conditional Exception.
- Some of the recommendations, or concerns, from the committee members were:
 - Laurel Firestone was concerned that the discussion on assimilative capacity did not appear in the SNMP Development Schedule and that conversation needs to be held before moving forward.

- In response to Laurel’s concern about a clear pathway to long-term restoration of impaired waterbodies, Daniel Cozad asked that she prepare a list with key elements to be included in the work plan for that project, and send to Tim within 2 weeks, prior to the first meeting of the NIMS Project Committee.
- Pamela Creedon requested that specific language be included that ties the streamlined process to active engagement in the CV-SALTS process, including a long-term commitment to the long-term SSALTS or NIMS projects.
- Some minor edits suggested for the document:
 - Section IV,
 - 2) Insert “or otherwise unreasonable.”
 - 5) Insert ‘re-attainment.’
 - Section V add “, and if it is NOT granted.”

3) Framework for SWRCB’s New Policy to Protect Groundwater Quality

- Annalisa Kihara provided an overview of this ongoing effort. A scoping document was drafted and released. Follow-up meetings with stakeholders were held 6/23, 6/29 and 7/10. Executive Management and the Board members still need to be briefed on feedback received from stakeholders. The schedule going forward will be determined pending outcome of high level policy decisions.

4) Set next meeting date

- The next Admin Meeting will be August 7th. August Policy is scheduled for August 13th.

CV-SALTS Executive Committee Meeting - Summary Action Notes

For August 13, 2015 – 9:00 AM to 3:00 PM

Attendees are listed on the Membership Roster

AGENDA

1) Welcome and Introductions

- a) Executive Committee Chair Parry Klassen brought the meeting to order, and roll call was completed.
- b) Approval of the July 15 & 16 Notes was deferred until the September meeting.
- c) The morning session opened with the following statement from Dr. Longley to the committee:

***Statement by Karl Longley
Member, Central Valley Regional Water Quality Board
CV SALTS ExComm Meeting
August 13, 2015***

As we improve and increase the scope of our data collection and management systems and, therefore, have the capacity to more precisely apply use data in accordance with established policy:

- *Some will see no significant difference in their water quality compliance requirements;*
- *Some will have stricter water quality compliance requirements; and*
- *Some will have less strict water quality compliance requirements.*

The latter case is not regulatory relief though it may be viewed as such by some.

Let me make this point clear, dischargers simply are experiencing a more correct application of regulatory requirements for compliance measures necessary to protect water quality.

Please note that the alternative compliance policy (ACP) is a path to compliance normally employing a time schedule order taking dischargers to compliance with protection of beneficial uses.

The focus of the Board is on water quality and using those processes that will bring dischargers into compliance with water quality objectives using the appropriate implementation of regulation.

2) Alternative Compliance Plans

- During the morning session the committee discussed the “Key Elements for a Proposed Alternate Compliance Program/Project (ACP)”.
- Some of the recommendations, or concerns, from the committee members were:
 - Rationale and Justification
 - Clarify the concept of scalability. That these demonstrations can be made singularly, for an individual discharger, or collectively for a management zone.
 - Incorporate a temporal component as 1C and a linkage to long term improvement, and tie in the offset component.
 - Change “existing water quality” to “current water quality.”
 - A discharger is not responsible for the whole, but what they are obligating themselves to is proportionate to their contribution.
 - Water Quality Analysis
 - Groundwater assessment reports and work already done by CV-SALTS can provide a baseline.
 - Levels of effort could be incremental and phased.
 - Can rely on existing data from management zone perspective to set baseline conditions.

- Analysis should be proportionate to the decision you are trying to make. May not need all the data to make the decision in question.
- Instead of “fate and transport”: What area is potentially affected and what is the effect? Who is included/excluded?
- Best Efforts Analysis
 - Include performance-based reporting on ACP and Best Efforts
 - Document the rate at which assimilative capacity is being consumed
- Alternative Compliance Program/Project
 - Have to justify the length of time asking for, if asking for long term

3) SNMP Groundwater Surveillance and Monitoring Policy-Related Questions

- Richard Meyerhoff and Joe LeClaire presented 5 policy-related questions and recommendations for the committee to consider.
 - 1) Which groundwater basins should be included in the SAMP? Valley floor groundwater basins vs. out-of-valley floor groundwater basins
 - Recommendation: The SAMP should establish monitoring networks that only include groundwater basins located within the valley floor.
 - CDM Smith will proceed under this recommendation and expand the network to additional locations outside the valley floor if necessary.
 - 2) How often should the AWQ and trends be assessed?
 - Recommendation: AWQ and trends should be re-assessed every five years.
 - The committee agreed 5-yr assessment was acceptable as long as capturing all 5 years of annual data. Trend analysis would be for all data. Flexibility should be built into the basin plan for the Executive Officer to make changes.
 - 3) What data should be collected in the SAMP?
 - Recommendation: Only the following constituents should be include in the database:
 - Groundwater elevations
 - TDS
 - Nitrate
 - Electrical conductivity
 - Ancillary water quality data (e.g. major cations and anions) to support QA/QC activities
 - Complete data for each well will be downloaded, but the focus will be on the above constituents. The committee agreed with this recommendation.
 - 4) How should the monitoring programs be stratified in terms of well depth?
 - Deep Network: The committee expressed the concern of bias in the dataset based on Community Water System Wells. CDM Smith will look at including more types of wells to avoid the bias. The revised plan will come back to the Executive Committee after review by the Technical Committee.
 - Shallow Network: There was no recommendation and this will also come back to the Executive Committee after review by the TAC.
 - 5) What is the management framework for the SAMP and how will the database be managed?
 - Questions regarding administration of, and access to, the proposed database still need to be addressed by the committee. Pamela Creedon advised the committee it was important that these decisions be made as soon as possible.

4) Set next meeting date

- The next Admin Meeting will be September 4th. September Policy is scheduled for September 10th.



Revised CV-SALTS Development Schedule for the SNMP

2015 Dates ¹	Policy Focus	Technical Focus
July 15 & July 16	1) Secondary MCLs 2) General Constituents Narrative Objective 3) Exceptions Policy for groundwater 4) Framework for SWRCB's New Policy to Protect Groundwater Quality	
August 13	1) Alternative Compliance Plans (ACPs)	1) Draft SNMP groundwater Surveillance and Monitoring recommendations
Sept. 10	1) Clarify Definitions for Key Regulatory Terms	
Oct. 21 & Oct. 22	1) Review Permitting Strategy for Nitrate Discharges to Groundwater	1) Key nitrate study findings (NIMS) for policy consideration 2) Nitrate & salt implementation measures for incorporation into SNMP
Nov. 18 & Nov. 19	1) Carryover from October as needed	1) Management Zones (key policy-related findings from AID Management Zone archetype)
December	<i>No Meeting Scheduled</i>	

¹ Where two dates are shown, the current expectation is that the first day (Wednesday) will be an afternoon half day meeting; the second day (Thursday) will be a full day meeting.

CV-SALTS Meeting Calendar

2015

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
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

3 March

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				

4 April

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		

5 May

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						

6 June

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				

7 July

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	

8 August

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					

9 September

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			

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	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					

12 December

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		

Notes

Light Red conflicts

2nd or 3rd Thursdays

Dark Green Exec Comm Policy

Fridays at 1:00 pm

Lt. Green Hatch Exec Comm Admin

Yellow Salty 5

Lower SJ River Committee

TAC Meeting

1-May

Regional Board Presents 4-16/17

State Board Presentation 1/20/15

Wednesday Meetings are DRAFT

May be held by Webinar or

in person in Sacramento

June 17th Held at Farm Bureau