

CV-SALTS Executive Committee Meeting

Thursday, March 28, 2019 – 9:00 AM to 12:00 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/782973485>

Posted 03-19-19 – Revised 03-27-19

- 1) **Welcome and Introductions** – Chair – (15 mins)
 - a) Committee Roll Call and [Membership Roster](#)
 - b) Review and Approve [February 21, 2019 Meeting Notes](#)
- 2) **Basin Plan Amendments – State Board Consideration Schedule** – Patrick Pulupa, Anne Littlejohn (30 mins.)
 - Update on schedule, if any
 - State Board/EPA feedback and questions on BPA
 - Participation [Correspondence](#)
- 3) **Update on Management Zones** – Richard Meyerhoff, Vicki Kretsinger, Parry Klassen, Charlotte Gallock (30 mins.)
 - Status of Project Activities
 - Upcoming Steering Committee Meetings
 - Turlock MZ: Turlock Irrigation District, April 17, 1:30-4 pm
 - AID Area MZ: Location TBD, April 18, 9-11 am
- 4) **Program Implementation Planning** – Sue McConnell (30 mins.)
 - [Irrigated Lands Regulatory Program \(ILRP\)](#)
- 5) **P&O Study Work Plan** – Richard Meyerhoff (10 mins.)
 - Status Update
- 6) **PEOC Update** – Nicole Bell (15 mins.)
 - Final 4-Minute Video: *Nitrates in Groundwater*
 - Can be viewed on CV-SALTS Website at: <https://www.cvsalinity.org/docs/videos.html>
 - Available for download at: <https://vimeo.com/322155619>
 - Update on Outreach Matrix
 - o [Outreach Tracking <- Link Only](#)
- 7) **CV-GMC and SAMP Planning** – David Cory and Richard Meyerhoff (15 mins.)
 - SAMP Needs and coordination with CV GMC Data Management
- 8) **Review Meeting Schedule/Location** – (15 mins)
 - Policy Meeting: **April 25, 2019, 9:00 – 3:00 @ Regional San**
 - Policy Meeting: **May 23, 2019, 9:00 – 3:00 @ Regional San**

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 - 2018-2019											
Voters	Category/Stakeholder Group	Name	15-Feb	8-Mar	13-Apr	3-May	24-May	16-Aug	20-Sep	18-Oct	15-Nov	10-Jan	21-Feb	28-Mar
1	Central Valley Water Board	Patrick Pulupa	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
Alt	Central Valley Water Board	Anne Littlejohn		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
5	Environmental Justice													
6	Environmental Water Quality	TBD												
CV Salinity Coalition														
1	So. San Joaquin WQC	Nicole Bell	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
2	City of Stockton	Deedee Antypas						✓	✓	✓	✓	✓	✓	
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	Rebecca Franklin	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	
Alt	Sacramento Regional CSD	Sam Safi						✓	✓	✓	✓		✓	
9	San Joaquin Tributaries Authority	Dennis Westcot												
10	Valley Water Management	Melissa Thorne	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Alt	Valley Water Management	Jason Meadors								✓		✓	✓	
11	California Rice Commission	Tim Johnson		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
12	City of Davis	Josie Tellers	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	
13	Tulare Lake Drainage District	Mike Nordstrom	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
14	Western Plant Health Assoc.	Renee Pinel												
15	City of Vacaville	Mindy Boeie				✓	✓	✓	✓	✓		✓		
Alt	City of Vacaville	Justen Cole	✓	✓	✓	✓	✓	✓						
16	Dairy Cares	J.P. Cativiela	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	
Alt	Dairy Cares								✓					
17	Westlands Water District	Debra Dunn						✓			✓	✓	✓	
Alt	Westlands Water District	Kit Campbell		✓										
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-Feb	8-Mar	13-Apr	3-May	24-May	16-Aug	20-Sep	18-Oct	15-Nov	10-Jan	21-Feb	28-Mar
Amico	Paul	Carollo Engineers											✓	
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	✓		✓			✓		✓	✓		✓	
Callman	Elissa	City of Sac/SRSWPP					✓	✓	✓	✓	✓			
Claiborne	Mike	Leadership Counsel	✓				✓		✓	✓		✓		
Clary	Jennifer	CWA			✓									
Cory	Wesley	SJVDA							✓			✓		
Dickey	John	Plantierra	✓	✓										
Doduc	Tam	SWRCB												
Dunham	Tess	Somach Simmons	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	
Flaherty	Ryan	Sustainable Conservation											✓	
Gallock	Charlotte	KRWQC						✓					✓	
Garcia	Rick	CRC	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Gonzalez	Armando	Occidental Oil & Gas				✓							✓	
Gleason	Nicole	Diepenbrock Elkin Gleason												
Gore	Bob	Gualco Group	✓	✓		✓	✓	✓		✓	✓	✓	✓	
Grovhoug	Tom	LWA	✓	✓	✓	✓			✓		✓		✓	
Gudel	Casey	LANDIQ			✓	✓						✓		
Horne	Randy	NAFTEX												
Howard	Meredith	CVRWQCB								✓		✓		
Johnson	Michael	MLJ Environmental								✓				
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 -2018-2019											
Last	First	Organization	15-Feb	8-Mar	13-Apr	3-May	24-May	16-Aug	20-Sep	18-Oct	15-Nov	10-Jan	21-Feb	28-Mar
Laputz	Adam	CVRWQCB							✓			✓		
Larson	Bobbi	CASA	✓	✓	✓	✓								
LeClaire	Joe	Daniel B. Stephens & Assoc				✓						✓		
Liebersbach	Debbie	Turlock Irrig Dist												
Liu	Yuan	CCWD		✓										
Longley	Karl	CVRWQCB	✓	✓	✓	✓	✓	✓		✓	✓	✓		
Lovley	Tim	MacPherson Oil						✓						
Marshall	Jim	CVRWQCB								✓				
Meeks	Glenn	CVRWQCB	✓	✓	✓	✓	✓	✓	✓	✓				
Mendes	Justin	Tulare Lake Basin WSD											✓	
Meyerhoff	Richard	GEI Consultants	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Moore	Tim	Risk-Sciences	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Ores	Debi	CWC		✓		✓		✓					✓	
Parlin	Larry	Carollo Engineers						✓						
Peschel	Paul	KRCD												
Plachta	Walt	CVRWQCB		✓	✓	✓	✓	✓			✓	✓		
Pritchett	Gregory	Chevron												
Pitcher	Jennifer	West. States Petroleum												
Reedy	Chris	VWM	✓	✓	✓		✓							
Rempel	Jenny	CWC												
Rivera	Willie	CIPA	✓			✓		✓	✓					
Rodgers	Clay	CVRWQCB	✓	✓				✓	✓	✓				
Rutherford	Sara	Provost & Pritchard						✓	✓				✓	
Savage	Chris	Gallo												
Schmidt	Andrea													
Schultz	Paul	CDM Smith												
Seyfried	Scott	SWRCB				✓								
Seaton	Phoebe	LCJA												
Segal	Daniel	Chevron												
Silva	Megan	Aera												
Starr	Bonnie	Starr Consulting				✓		✓			✓	✓		
Thomas	Bill	KRCD	✓	✓	✓									
Tillman	Stephanie	LANDIQ	✓	✓	✓		✓	✓	✓		✓		✓	
Tristao	Dennis	J.G. Boswell			✓					✓			✓	
Vanden Heuvel	Geoff	Dairy Cares										✓		
Trouchon	Mike	LWA							✓	✓	✓			
Wackman	Mike	SJ County/Delta Water	✓	✓	✓	✓		✓	✓	✓				
Zimmerman	Christine	IOPA	✓		✓	✓				✓				

ADDITIONAL PARTICIPANTS:

CV-SALTS Executive Committee Meeting - Summary Action Notes

For February 21, 2019 – 9:00 AM to 3:00 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 David Cory seconded, and by general acclamation the January 10, 2019, Meeting Action Notes were approved.

2) Basin Plan Amendments – State Board Consideration Schedule

- Patrick Pulupa provided an update on the CV-SALTS Amendment. As a result of the transition to the new administration, along with accompanying changes in personnel, all items pending before the State Board are being pushed back from one to three months. Consequently, it may be May before CV-SALTS comes before the State Board. The committee expressed concern that the uncertain time frame could negatively impact the development of the Management Zone Pilot Study Projects.

3) Update on Management Zones

- Richard Meyerhoff provided an update on the Management Zone Pilot projects for Turlock and Kings River. Both projects are scheduled to meet for the third time in March and have established Steering Committees. There was general agreement that it was critical for local government entities (counties, local water or utility districts) and NGOs to be involved in the outreach process for each management zone.

4) Program Implementation Planning

- Doug Patteson provided an overview of the Confined Animal Facilities Program Implementation. A concern was expressed that before Notices to Comply are sent to the dairies that more clarification is needed regarding who is committed to pay fees, coalition vs. farmer.

5) P&O Study Work Plan

- Richard Meyerhoff, Tom Grovhoug and Joe LeClaire asked the committee for feedback on several issues that have arisen in the development of the P&O workplan. The committee was forwarded a list of questions and asked to provide input in the following areas no later than March 8th:
 - AGR Protection Approach
 - Impacts of State and Federal Policies and Programs on Salt Management
 - Boron
 - Other Salt-Related Constituents

6) PEOC Update

- Nicole Bell provided an update on Outreach activities including an overview of the 2019 Communications Plan.
 - The final 4-minute video was presented for approval. David Cory moved, and Stephanie Hiestand seconded, and the committee voted to approve the video for use and distribution.
 - Some of the committee feedback on the Communications Plan:
 - Should not be a geographic targeting for the Salt Control Program. Focus is on all permittees equally and the outreach should be a broad effort.
 - The date in paragraph one should be “January 2017”

7) Review Next Meetings - Schedule/Location

- Policy Meeting: March 28, 2019, 9:00 – 3:00 – Location TBD
- Policy Meeting: April 25, 2019, 9:00 – 3:00 @ Regional San

Central Valley Regional Water Quality Control Board

08 January 2019

David Gisler, Chairman
Tule Basin Water Quality Coalition
2904 W. Main Street
Visalia, CA 93291

DISCUSSION REGARDING RECENT AMENDMENTS TO THE TULARE LAKE BASIN PLAN AND THE SALT AND NITRATE CONTROL PROGRAM PERMITTING PROCESS

The Central Valley Water Board received your 6 December 2018 correspondence to the Southern San Joaquin Water Quality Coalition. The letter expressed the Tule Basin Water Quality Coalition's (Coalition) intent to withdraw from activities related to the Central Valley Water Board's CV-SALTS Basin Plan Amendments, which include contributing to the Prioritization and Optimization Study (P&O Study). Even though the CV-SALTS amendments are not yet in effect, the Board nonetheless believes that it is critical to outline the consequences of the Coalition's decision to withdraw from the CV-SALTS Program.

Salts

The Central Valley Water Board, in adopting the CV-SALTS amendments, recognized that salinity accumulation is a basin-wide issue, and that even when a grower irrigates with high-quality water, salts from that water will remain behind in the soil and in the groundwater after the harvest, growing season after growing season, decade after decade. These salts will continue to accumulate over the years until even the most fertile lands in the valley are poisoned by salt.

The CV-SALTS amendments give growers (and every other discharger in the valley) a choice – eliminate the salt accumulation problem on your own, or work collaboratively towards a basin-wide salinity solution. The Board set the bar high for first pathway; proving that you have solved the salt accumulation problem on your own means demonstrating to the Board that the salt that is in the irrigation water that leaches below the root zone will consistently meet a threshold of 700 $\mu\text{mhos/cm}$. That's the point at which salinity will not impact even the most salt-sensitive of crops, and the point at which the Board believes that a grower does not pose a serious threat of increasing salt loads in the aquifer over the long-term.

The Tule Basin, even though it is blessed with high-quality surface water, cannot meet this threshold. Groundwater salinity concentrations are creeping up throughout the Tule Basin, despite growing practices that make this area a world-class agricultural region. Based on your Comprehensive Groundwater Quality Management Plan, over a sixth of the Coalition's total acreage is indicated to exceed 1000 $\mu\text{mhos/cm}$ based on domestic, irrigation and monitoring well data. Therefore, in the Board's opinion, the Coalition needs to either continue to work collaboratively with other growers and dischargers to resolve these issues on a basin-wide scale through the P&O Study, or the Board will be required to issue you a permit that enforces compliance with a threshold of 700 $\mu\text{mhos/cm}$ that we know that you cannot meet.

CV-SALTS, from its initiation, was always meant to provide a rational way for the Board to tackle a salinity problem that threatens the valley's agricultural productivity. The P&O Study, which will be the roadmap towards salt sustainability, is something that the Board wants you and your Coalition to be a part of, especially because the alternative is simply not a viable option.

Nitrates

CV-SALTS also provides the regulatory architecture for resolving critical nitrate concerns throughout the valley. Like the Salinity Control Program, the Nitrate Control Program presents dischargers with two tracks to achieve compliance. However, unlike the Salinity Control Program, the alternate compliance track under the Nitrate Control Program allows dischargers a great deal of flexibility in achieving water quality objectives, but that flexibility is only granted if discharger groups are both making meaningful progress in reducing nitrate loading and are meeting the drinking water needs of those impacted by nitrate discharges.

The Board acknowledges that the Tule Coalition is one of the entities that has stepped forward and has made good-faith efforts to settle the nitrate issues, and we hope that these efforts can continue.

Surveillance and Monitoring Program

When the Board adopts any Basin Plan Amendment, it is legally required to establish a surveillance program to determine whether the program of implementation is resulting in compliance with water quality objectives. (Wat. Code, § 13242, subd. (c).) Regardless of which compliance option the Coalition chooses (the "withdraw" option or the "participate" option for salts), it will *still* need to contribute to the surveillance program, since that will become a universal regulatory requirement when the CV-SALTS amendments go into effect.

While the Board could potentially entertain a proposal from you for starting your own surveillance and monitoring program, doing so would require you to essentially duplicate monumental efforts that are already well underway. I can almost guarantee you that initiating your own surveillance and monitoring program would be an incredibly costly venture with little added benefit, and so I suggest that you reconsider partnering with other growers throughout the valley to work towards the Basin-wide solution that the Board has mandated.

Prior Commitments by the Coalition

Lastly, I want to call your attention to the fact that the Board already approved a management plan based on the Coalition's continuing commitment to participating in CV-SALTS. On 5 December 2017, I conditionally approved a revised Comprehensive Groundwater Quality Management Plan (GQMP) developed by the Coalition to address areas in which the concentration of various constituents in groundwater currently exceed water quality objectives identified in the Water Quality Control Plan for the Tulare Lake Basin (Basin Plan). Salinity was listed amongst these constituents of concern, and the plan identified multiple areas of the Coalition where electrical conductivity of groundwater has been measured in excess of 1,000 µmhos/cm. The GQMP proposed the following approach to address the identified salinity issue:

"The Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS) is an initiative to identify salinity management strategies that will achieve a salt balance and keep agriculture economically viable. The TBWQC has contributed to the Central Valley

Salinity Coalition and the CV-SALTS process since 2013 and will remain actively involved in this important stakeholder process.”

I conditionally approved the GQMP based on your commitment to the CV-SALTS process and an understanding that without a comprehensive long-term strategy to address salt loading in the Tulare Lake Basin, farming is unlikely to remain economically sustainable in the future. It is my expectation that the Coalition will continue to meet its obligation to participate in CV-SALTS. Should this not occur, the Board would not consider the existing salinity impacts in the Coalition area adequately addressed by your GQMP. The requirements in the General Order (Order R5-2013-0120) for a GQMP include, but are not limited to:

- Actions to achieve compliance with the General Order’s receiving water limitations.
- The identification, implementation, and validation of management practices to reduce loading.
- The design of a monitoring system to measure effectiveness at achieving the goals and objectives of the GQMP. The monitoring system must be able to determine whether management practice changes are effective and will result in compliance with the General Order.

If the Tule Basin Coalition discontinues support of CV-SALTS, the Central Valley Water Board will require a new or revised GQMP within 60 days of withdrawal. The revised GQMP would not be able to rely on CV-SALTS to help describe the practices your coalition members will implement to achieve compliance with the Order’s receiving water objectives for salinity and the time schedule to achieve compliance, as it currently does. Without the benefit of the work that is proposed to be done under the P&O Study, the Coalition would need to ensure that the monitoring component of the revised plan includes the development and installation of a well network of sufficient spatial density to fully assess salinity impacts within shallow groundwater, evaluate the effectiveness of implemented management practices, and evaluate whether discharges of salinity from irrigated lands are meeting the receiving water objectives of the Order. If the new plan cannot demonstrate a path to compliance, discharge of salinity from irrigated lands within your Coalition area may not be permitted.

In addition to the above requirements for GQMPs, the General Order requires Coalition members to implement Best Practicable Treatment or Control (BPTC) of wastes in its discharges consistent with the State Water Board’s Antidegradation Policy (Resolution 68-16). Section IV.B.20 of the General Order requires implementation of farm management performance standards. The performance standards include, but are not limited to: “*minimize percolation of waste to groundwater.*” On page 38 of the General Order’s Attachment A, grower implementation of the performance standards is considered BPTC in complying with the Antidegradation Policy.

The Central Valley Water Board considers participation in a basin-wide salt management solution, such as CV-SALTS, to represent BPTC, because the studies that CV-SALTS is taking on will help ensure compliance with the General Order’s performance standards for minimizing percolation of salts to groundwater. If the Tule Coalition withdraws from CV-SALTS, its members may be found to be out of compliance with the requirement to implement BPTC for salinity. Should this occur, the Board will require the Tule Coalition to independently develop a study that describes how its members will support basin-wide management of salinity to balance salt accumulation (i.e., salt imported = salt exported). This study must point to a solution that manages salinity exports out of the Central Valley or to a salt management zone where the salts

would be found not to be impacting beneficial uses; the study could not simply rely on moving salts to a nearby basin or on any solution where salts would simply continue to accumulate as they do now. From the Board's perspective, it is difficult to imagine how taking on this challenge alone would be anything but extraordinarily more expensive than simply participating in the basin-wide study that the CV-SALTS group is coordinating.

Ultimately, the Coalition will only need to make a final decision *after* the CV-SALTS amendments are approved by the State Water Board, the Office of Administrative Law, and, for those portions addressing surface waters, by the United States Environmental Protection Agency, which means that the Coalition still has ample opportunity to reconsider its decision. We hope that you choose to continue to support the CV-SALTS amendments, since as I mention above, those amendments were crafted in collaboration with the grower community to present a workable way of addressing salt and nitrate issues in the valley.

Enclosed with this letter are a table and figure from the Central Valley Salt Control Program with milestones for the Prioritization and Optimization Study, and we hope that this helps clarify how CV-SALTS envisions moving forward. The table and figure address questions raised by your staff. If you would like to have further discussions regarding this topic, please contact Sue McConnell at (916) 464-4798 or by email at sue.mcconnell@waterboards.ca.gov.

Original signed by

Patrick Pulupa
Executive Officer

Enclosures: CV-SALTS Prioritization and Optimization Study Milestones

cc (by email only): Karl E. Longley, Central Valley Water Board Chair
Richard Schafer, R L Schafer & Associates
David De Groot, 4Creeks Inc.
Daniel Cozad, Central Valley Salinity Coalition

Central Valley Salt Control Program

TABLE S-2: KEY PHASE I PRIORITIZATION AND OPTIMIZATION STUDY MILESTONES

Implementation Schedule	Milestone/Deliverable	Minimum Requirements
6 months from Notice to Comply	Phase I Workplan	<p><i>Workplan to include:</i></p> <ul style="list-style-type: none"> • Detailed P&O Study task descriptions • Cost estimate for each task • Task completion schedule • Stakeholder participation elements
Within 12 months from Notice to Comply	Phase I Funding & Governance Plan	<p><i>Complete Phase I implementation planning:</i></p> <ul style="list-style-type: none"> • Establish the entity and procedures for governance of the P&O Study • Develop funding plan to complete the P&O Study
Per Workplan	Special Studies	<p><i>Special Studies to include:</i></p> <ul style="list-style-type: none"> • Groundwater Quality Trace Constituent Study • Recycled Water Imports Study • Stormwater Recharge Master Plan Study • Emerging Technical Updates (every 5 years)
12 months from Workplan approval and annually thereafter	Annual Progress Report	<p><i>Annual Report to summarize:</i></p> <ul style="list-style-type: none"> • Progress on Workplan execution • Status of Phase I funding and expenditures • Stakeholder participation
5 years from Notice to Comply	Interim Project Report	<p><i>By Central Valley Hydrologic Region, identify:</i></p> <ul style="list-style-type: none"> • Recommended preferred physical projects with recommended next steps for development • Recommended non-physical projects and a schedule for implementation
9 years from Notice to Comply	Long-term Governance Plan for Phases II and III	<p><i>Governance Plan that establishes:</i></p> <ul style="list-style-type: none"> • Describes planned implementation approach for Phases II & III • Governance structure including: <ul style="list-style-type: none"> – Stakeholder roles and responsibilities – Committees responsible for development of policies, technical documents, BMPs and funding
	Long-term Funding Plan for Phases II and III	<p><i>Funding Plan that establishes:</i></p> <ul style="list-style-type: none"> • Financial approach for long-term funding including sources and funding types (grants, bonds, loans, etc.) • Approach for the equitable management and funding of long-term, large-scale salinity management projects
	Basin Plan Amendment Recommendations	<p><i>As needed, recommended amendments to Basin Plans to:</i></p> <ul style="list-style-type: none"> • Facilitate implementation of Phase II of the Salt Control Program • Consider extension of salinity variance and revision of salinity exception policies • As appropriate, modify the Salinity Permitting Approaches;
10 years from Notice to Comply	Final Phase I Project Report	<ul style="list-style-type: none"> • <i>For preferred physical projects:</i> <ul style="list-style-type: none"> – Conceptual designs – Assessment of environmental permitting requirements • Status of implementation of non-physical projects per Interim Project Report with recommendations for modifications, as needed

Central Valley Salt Control Program

Figure S-2: General Schedule of Key Phase I Prioritization and Optimization Study Activities and Milestones

Category	Year of Implementation (From Notice to Comply)										
	1	2	3	4	5	6	7	8	9	10	
Stakeholder Coordination	Stakeholder Coordination Meetings (as needed frequency)										
	SGMA GSA Coordination Meetings (as needed frequency)										
Phase I Workplan	Phase I Work-plan										
Governance	Phase I Governance Plan	Long-term Governance Plan for Phases II & III									
Funding	Phase I Funding Plan	Long-term Funding Plan for Phases II & III									
Preferred Physical/Non-Physical Salt Management Projects		Development of Recommended Preferred Physical and Non-Physical Projects			Interim Project Report						
						Conceptual Design and Assessment of Environmental Permitting Requirements for Preferred Physical Projects				Final Project Report	
Special Studies				Groundwater Quality Trace Constituent Study							
						Recycled Water Imports Study					
								Stormwater Recharge Master Plan Study			
					Emerging Tech Update No. 1				Emerging Tech Update No. 2		
Basin Planning									Phase II Recommendations		
Reports	Progress Reports at Key Milestones (Years 1; 5; and 10 with documentation (electronic or otherwise) of participation)										

CV-SALTS Executive Committee Meeting
4. Irrigated Lands Regulatory Program Implementation
28 March 2019

The following General Orders regulate the commercial irrigated agricultural operations in the Region:

- Tulare Lake Basin Area R5-2013-0120-05
- Western Tulare Lake Basin Area R5-2014-0001-06
- Western San Joaquin River Watershed R5-2014-0002-08
- San Joaquin County and Delta Area R5-2014-0029-04
- Sacramento River Watershed Area R5-2014-0030-06
- Grassland Drainage Area R5-2015-0095-03
- Sacramento Valley Rice Growers R5-2014-0032-02
- Eastern San Joaquin River Watershed R5-2012-0116
- Individual Growers R5-2013-0100

SHORT-TERM ILRP IMPLEMENTATION ACTIVITIES FOR CV-SALTS

Notices to Comply (to address groundwater elements)

- Salt Control Program - issue to all coalitions immediately after OAL approval of Basin Plan amendments.
- Nitrate Control Program - issue to four coalitions (ESJ, Kings, Tule and Kaweah) immediately after OAL approval of Basin Plan amendments to address Priority 1 sub-basins and basins (Kaweah, Turlock, Chowchilla, Tule, Modesto and Kings).

General Order Updates

- Draft language for ILRP general orders to incorporate CV-SALTS requirements, selection of permitting pathways, and allowances for extended compliance timelines/exceptions.
 - Timelines and requirements for Alternative Permitting Approach (P&O Study - salt) and Path B (Management Zone - nitrate)
 - Detailed requirements for coalitions opting for Conservative Permitting Approach (Source Control Limits - salt) and Path A (Individual Discharger - nitrates): assessment of how discharge will comply with requirements with limited assimilative capacity or time schedules; information regarding existing groundwater condition must be included in assessment
- Allow time for administrative review of draft language prior to extended public review.
- Discuss proposed general order updates during quarterly stakeholder meetings and hold additional outreach meetings as needed.

Program expectations

- Coalition outreach to their members about CV-SALTS
- Anticipate most coalitions will be key participants in the Prioritization and Optimization Study to enable coalition members to comply with the Alternative pathway of the Salt Control Program.
- Anticipate coalitions will help in the formation and administration of Management Zones (Nitrate Control Program) in priority areas. ESJ and Kings are involved with Management Zone pilot projects.
- Dedicate key ILRP staff to oversee CV-SALTS implementation.

Approved

CV-SALTS Meeting Calendar

2019

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
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24	25	26	27	28		

3 March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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24	25	26	27	28	29	30
31						

4 April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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28	29	30				

5 May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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26	27	28	29	30	31	

6 June						
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7 July						
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8 August						
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9 September						
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29	30					

10 October						
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27	28	29	30	31		

11 November						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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12 December						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
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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/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