

## CV-SALTS Executive Committee Meeting

Thursday, November 14, 2019 – 9:00 AM to 3:00 PM - Sunset Maple Room  
Sacramento Regional Sanitation District  
10060 Goethe Rd, Sacramento 95827

Teleconference (712) 770-5505 Code: 279295#

Go-To-Meeting Link: <https://global.gotomeeting.com/join/942775437>

Posted 11-5-19 – Revised 11-13-19

- 1) **Welcome and Introductions** – Chair – (15 mins)
  - a) Committee Roll Call and [Membership Roster](#)
  - b) Review and Approve [October 24, 2019, Meeting Notes](#)
  
- 2) **Basin Plan Amendments – Update and Implementation** – Patrick Pulupa, Anne Walters (60 mins)
  - State Board/OAL submittal
  - Program Implementation
    - Notice to Comply Salinity for P&O
    - Nitrate Notice to Comply in Priority 1 Areas
  
- 3) **Management Zone Pilot Study** – Richard Meyerhoff, Vicki Kretsinger (60 mins)
  - Project Update
  - Consolidating Management Approach
  - [Management Zone Committee and CVSC Support](#) -Daniel Cozad
  - Templates: [Management Zone Requirements](#), [Outreach to Dischargers](#)

**11:30 pm to 1:00 pm - Lunch**

- 4) **P&O Study Workplan** – Richard Meyerhoff, Joe LeClaire, Tom Grovhoug (45 mins)
  - Review Comments and Changes
  - Draft Workplan Acceptance
    - Links to documents presented at 10/24 Meeting:
      - [Revised Draft Workplan](#)
      - [Response to Comments](#) and [Attachment A to Response to Comments](#)
  
- 5) **PEOC Update** – Nicole Bell (20 mins)
  - Links to Outreach materials:
    - Outreach Matrix - [Outreach Tracking](#)
    - Web pages on new regulations now live at [cvsalts.info](http://cvsalts.info)
  - Documents For Discussion and/or Approval: [Implementation Postcard](#)
  
- 6) **Review Meeting Schedule/Location** – (10 mins.)
  - PEOC Meeting: **December 17, 2019, 3:00-4:00 PM – Conference Call**
  - PEOC Meeting: **January 14, 2020, 3:00-4:00 PM – Conference Call**
  - Policy Meeting: **January 16, 2020, 9:00 – 3:00 @ Regional San**
  - Approve [Proposed 2020 Meeting CalendarV-2](#)

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 Control Board members may attend.

**CV-SALTS Committee Rosters**

<b>Executive Committee Membership</b>			<b>CV-SALTS Executive Committee Meetings - 2018-2019</b>													
<b>Voters</b>	<b>Category/Stakeholder Group</b>	<b>Name</b>	<b>16-Aug</b>	<b>20-Sep</b>	<b>18-Oct</b>	<b>15-Nov</b>	<b>10-Jan</b>	<b>21-Feb</b>	<b>28-Mar</b>	<b>25-Apr</b>	<b>23-May</b>	<b>20-Jun</b>	<b>15-Aug</b>	<b>19-Sep</b>	<b>24-Oct</b>	<b>14-Nov</b>
1	Central Valley Water Board	Patrick Pulupa	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓
Alt	Central Valley Water Board	Anne Walters	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	State Water Resources Control Bd.	Darrin Polhemus		✓												
3	Department of Water Resources	Barrett Kaasa										✓	✓			
Alt	Department of Water Resources															
4	US Bureau of Reclamation	Dan Deets	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	
5	Environmental Justice															
6	Environmental Water Quality	TBD														
<b>CV Salinity Coalition</b>																
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 Thorme	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
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 Boele	✓	✓	✓		✓		✓	✓	✓			✓	✓	
Alt	City of Vacaville	Justen Cole														
16	Dairy Cares	J.P. Cativiela	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	
Alt	Dairy Cares			✓												
17	Westlands Water District	Edith Ramirez	✓			✓	✓	✓	✓	✓	✓					
Alt	Westlands Water District	Kit Campbell												✓	✓	
<b>Comm. Chairs/Co-chairs</b>																
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	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Participant Names			CV-SALTS Executive Committee Meetings -2018-2019													
Last	First	Organization	16-Aug	20-Sep	18-Oct	15-Nov	10-Jan	21-Feb	28-Mar	25-Apr	23-May	20-Jun	15-Aug	16-Sep	24-Oct	14-Nov
Agus	Eva	East Bay MUD														✓
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														
Carlton	Gary	Kennedy/Jenks													✓	
Cady	Mark	CDFA	✓		✓	✓		✓	✓		✓		✓		✓	
Callman	Elissa	City of Sac/SRSWPP	✓	✓	✓	✓						✓				
Chapman	Nico	CWC										✓				
Claiborne	Mike	Leadership Counsel		✓	✓		✓									
Clary	Jennifer	CWA											✓			
Cory	Wesley	SJVDA		✓			✓									
Currie	Mary	Catalyst Communications													✓	
Dickey	John	Plantierra														
Doduc	Tam	SWRCB														
Dransoff	Zack	CRC													✓	
Dunham	Tess	Somach Simmons	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓			
Dunn	Debra	Kings River Cons District													✓	
Escobar	Juan	DWR										✓				
Flaherty	Ryan	Sustainable Conservation						✓								
Gallock	Charlotte	KRWQC	✓					✓	✓	✓	✓		✓			
Garcia	Rick	CRC	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Gonzalez	Armando	Occidental Oil & Gas						✓								
Glavin	Mike	CRC													✓	
Gleason	Nicole	Diepenbrock Elkin Gleason														
Gore	Bob	Gualco Group	✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Grijalava	Julian	CRC													✓	
Grovhoug	Tom	LWA		✓		✓		✓	✓	✓	✓		✓	✓		
Gudel	Casey	LANDIQ					✓					✓				
Hatton	Scott	CVRWQCB								✓						
Horne	Randall										✓		✓			
Howard	Meredith	CVRWQCB					✓		✓	✓					✓	✓
Johnson	Michael	MLJ Environmental			✓											
Kihara	Annalisa	SWRCB														
Kimmelshue	Joel	LANDIQ														
Knght	Jay	Kennedy/Jenks													✓	
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	16-Aug	20-Sep	18-Oct	15-Nov	10-Jan	21-Feb	28-Mar	25-Apr	23-May	20-Jun	15-Aug	19-Sep	24-Oct	14-Nov
Laputz	Adam	CVRWQCB		✓			✓		✓	✓	✓			✓	✓	
Larson	Bobbi	CASA											✓			
LeClaire	Joe	LeClaire & Associates					✓		✓	✓	✓		✓	✓	✓	
Liebersbach	Debbie	Turlock Irrig Dist														
Liu	Yuan	CCWD										✓	✓			
Longley	Karl	CVRWQCB	✓		✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	
Lovley	Tim	MacPherson Oil	✓													
Marshall	Jim	CVRWQCB			✓								✓			
McConnell	Sue	CVRWQCB							✓							
Meeks	Glenn	CVRWQCB	✓	✓	✓											
Mendes	Justin	Tulare Lake Basin WSD						✓	✓	✓	✓		✓			✓
Meyerhoff	Richard	GEI Consultants	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	
Miller	Todd	Kennedy/Jenks												✓		
Moore	Tim	Risk-Sciences	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓		✓	
Ores	Debi	CWC	✓					✓		✓					✓	
Plachta	Walt	CVRWQCB	✓			✓	✓		✓	✓	✓		✓	✓	✓	
Pritchett	Gregory	Chevron														
Reedy	Chris	VWM														
Rivera	Willie	CIPA	✓	✓												✓
Rodgers	Clay	CVRWQCB	✓	✓	✓					✓					✓	
Roelofs	Austin	Seneca Resources												✓		
Sawyer	Steve	City of Vacaville		✓												
Rutherford	Sara	Provost & Pritchard	✓	✓				✓		✓		✓				✓
Savage	Chris	Gallo														
Seaton	Phoebe	LCJA														
Silva	Megan	Aera														
Starr	Bonnie	Starr Consulting	✓			✓	✓			✓	✓	✓	✓	✓		
Stevens	Brett	CVRWQCB												✓	✓	
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	✓	✓	✓			✓	✓	✓	✓		✓	✓	✓	
Waldron	Jim	Valley Water Mgmt														
Warren	Eric	CVRWQCB											✓	✓		
West	Doug	CDFA			✓											
Whitlock	Wayne	Pillsbury Law												✓		
Zimmerman	Christine	IOPA			✓						✓					

**ADDITIONAL PARTICIPANTS:**

# CV-SALTS Executive Committee Meeting - Summary Action Notes

For October 24, 2019 – 9:00 PM 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) David Cory moved, and Debbie Webster seconded, and by general acclamation the September 19, 2019, Meeting Action Notes were approved.

### 2) Basin Plan Amendments – State Board Consideration Schedule

- Patrick Pulupa provided an update on the CV-SALTS Amendment. The committee discussed in detail the resolution adopted by the State Board at the October 16, 2019 meeting. An unofficial copy of the resolution was provided to the committee for discussion purposes.
- The Basin Plan Amendment for the Evaluation of the MUN Beneficial Use in Ag-Dominated Waterbodies is currently planned to be brought back before the State Board in 2020.

### 3) Management Zones Pilot Study

- Richard Meyerhoff and Vicki Krestinger provided an update on the Management Zone Pilot projects for Turlock and Kings River. Both Management Zone projects are scheduled to meet the second week of November, (Turlock 11/12, Kings River/AID 11/13). The November pilot meetings will focus on the revised Draft Early Action Plan, and the first complete draft Preliminary Management Zone Proposal.
  - The following four templates were presented:
    - Management Zone Boundary Delineation
    - Characterization of Proposed Management Zone
    - Groundwater Quality Analysis to Identify Potentially Impacted Areas
    - Early Action Plan Development
- Some of the feedback from the committee on the Management Zone materials:
  - Distinguish process requirements from implementation guidance in the EAP template.
  - Include residents that obtain drinking water from State Small Water Systems in Task 1 in the EAP template.
  - Identify Priority 1 and Priority 2 areas in Figure 1, Nitrate Control Program Deliverables Timeline.

### 4) P&O Study

- Richard Meyerhoff provided an update on the Revised Draft P&O Workplan. The Workplan was revised based on comments received after presentation at the August Executive Committee meeting.
- The committee was also presented with an initial draft of the Salinity Management Sustainability Plan. Comments/concerns received from the committee on this plan:
  - Change the name to something that more closely aligns with the Basin Plan Amendment language (e.g. Conservative Salinity Permitting Approach).
  - A concern was raised regarding the requirement for “monthly EC data for at least the two-year period prior to the NTC.” Consider alternate language that allows for other ways to make the demonstration.
  - The plan may be creating an unnecessary regulatory burden for limited threat permittees. Consider a different level of P&O participation for limited threat.

- The Committee was asked to provide comments to Richard on the Management Zone templates and the Salinity Management Sustainability Plan no later than Friday, November 8, 2019.
- 5) Beneficial Use De-Designation and Basin Plan Amendment – South Lost Hills Oilfield – Lower Tulare and Etchegoin Formations
- Daniel Cozad presented the review letter stating the proposed de-designation is consistent with the goals and plans of the CV-SALTS program. Some edits suggested for the letter:
    - Add “permittees discharging into a...” to the final paragraph.
    - Spell out all acronyms/abbreviations.
    - Change the last sentence in the third paragraph to read “appears to be consistent...”
  - David Cory moved, and Debbie Webster seconded, and the Executive Committee voted to approve the letter with the above edits.
- 6) PEOC Update
- Nicole Bell provided an update on Outreach activities. The committee was asked for input on the Draft Implementation Notification Postcard. The final postcard will come back for approval in November. Some of the proposed edits for this version:
    - Use official name for State Board, change to half page format, add adoption date, remove watermark.
    - Additional comments should be forwarded to Nicole Bell no later than Friday, November 8, 2019.
- 7) Review Meeting Schedule/Location
- PEOC Meeting: **November 12, 2019, 3:00 - 4:00 PM – Conference Call**
  - Policy Meeting: **November 14, 2019, 9:00 – 3:00 @ Regional San**

## CVSC Management Zone Committee (MZC) Support

**Concept:** CVSC would fund from dues, limited support for all developing Management Zone (MZ) areas through a MZC staffed by the existing pilot area consultants and CVSC staff. This support would benefit all CVSC participants and other stakeholders by increasing the likelihood of success and coordinated participation. It would be conducted in phases (Planning) December/January, General/Focused Outreach with PEOC and RWQCB (January-March), and ongoing support during development (April-October)

### **Scope:**

Planning/Initial Phase: Working with the Regional Board Staff and PEOC Consultant to develop the list of critical participants for focused outreach in Priority 1 areas.

General/Focused Outreach: Continue outreach efforts to reach important priority one dischargers and local leaders so that MZ's form as quickly and efficiently as possible. Larger and smaller group meetings may be needed depending on the area and its development. It is assumed that the Regional Board staff will provide significant support and attend MZ outreach and formation meetings.

Support Phase: Each consultant will prepare for and participate in 6 monthly meetings of the MZC to be held before or after the CV-SALTS Executive Committee meetings to limit additional costs for travel. The consultants would assist by attending MZC meetings and efforts to help participants in the following ways:

- Prepare for MZ Stakeholder meetings
- Further develop their proposals or final submittals
- Evaluating technical, regulatory or governance issues with MZ proposals, and their consistency with the Basin Plan
- Coordination among MZs for consistency to the extent appropriate and to share lessons learned
- Discuss methods of outreach and potential consolidation of administrative efforts, if appropriate.

CVSC would solicit participation from the Regional Board to assist developing MZs with questions as to acceptability and consistency with the Basin Plan. The MZC would also be able to coalesce ideas, problems, and concerns to be discussed and reviewed by the Executive Committee.

This MZC including consultants would work to identify possible solutions for priority areas that do not have leaders who step forward to form MZs.

**Budget:** it is assumed that about one-third of the effort will be needed during the planning and initial phase. To the extent necessary and as available Richard, Vicky, Tess, and Daniel will attend six MZC meetings of about 3 hours and have about 2.5 hours to prepare and to provide limited support or review, the cost for the year would be approximately \$85,000 plus some grant and other funding for Catalyst outreach support.

**Integration:** This cost was included in the proposed 2020 budget without additional revenue or use of additional prior year funds by reducing other efforts or limiting cost in other contracts. The budget and effort for this activity should be enough as it is meant to guide MZ development and ensure consistency, but not replace the consultants needed for each individual MZ to develop preliminary Management Zone Proposals and final submittals, Early Action Plans and Management Zone Implementation Plans.

## Management Zone Pathway Regulatory Requirements

Purpose: Summarize the key requirements, deliverables and implementation schedule to comply with the Management Zone Pathway under the Nitrate Control Program for Priority 1 Areas.

### Management Zone Pathway: Schedule of Deliverables and Regulatory Actions

**Figure 1** provides the schedule of deliverables for Priority 1 permitted dischargers once the Notice of Comply (NTC) is received. The first key deliverable, Preliminary Management Zone Proposal (PMZP), must be submitted within 270 days of the NTC. The schedule for subsequent deliverables is provided below, but the actual delivery date will depend on the Central Valley Water Board completing the required regulatory action associated with each deliverable.

**Figure 1. Management Zone Pathway Schedule for Priority 1 Permitted Dischargers**

	Priority 1 Permitted Dischargers		Central Valley Water Board	
	Deliverables/Action	Schedule	Regulatory Actions	Schedule
↓	Submit Preliminary Management Zone Proposal (PMZP) with Early Action Plan	270 days after receiving Notice to Comply with Nitrate Control Program		
	Begin Early Action Plan Implementation	Within 60 days of submittal unless Board objects	Board oversees 30-day public comment period on PMZP submittal	No schedule established
	Submit Final Management Zone Proposal (FMZP)	Within 180 days after receipt of PMZP comments		
			Executive Officer accepts FMZP	No schedule established
	Submit Management Zone Implementation Plan (MZIP)	Within 6 months of FMZP acceptance		
			Board approves MZIP through public hearing Process	No schedule established
	Implement MZIP	Per schedule established in MZIP		
	↓			

### Description of Required Deliverables

The sections below provide a summary of the key elements to be included in each of the Management Zone deliverables. The Basin Plans contain a more detailed discussion of the requirements associated with each of these deliverables:

[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/resolutions/r5-2018-0034\\_res.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/resolutions/r5-2018-0034_res.pdf)



**Preliminary Management Zone Proposal**

The PMZP is the first deliverable due to the Central Valley Water Board within 270 days of the Notice to Comply. **Figure 2** summarizes the key elements for inclusion in the PMZP. In general, the PMZP defines the Management Zone area boundary, identifies participating dischargers, characterizes the area, including current nitrate conditions in the groundwater, and contains an Early Action Plan to address drinking water needs for residents that are relying on a drinking water source with nitrate levels that exceed the water quality objective.

**Figure 2. Key Elements of a Preliminary Management Zone Proposal and Early Action Plan Requirements**

<i><b>Preliminary Management Zone Proposal</b></i>
<ul style="list-style-type: none"> <li>• Proposed preliminary boundaries of the Management Zone area;</li> <li>• Initial Management Zone participants/dischargers and other potential participants;</li> <li>• Initial assessment of groundwater conditions;</li> <li>• Current treatment and control efforts, or management practices of participating dischargers;</li> <li>• Initial identification of public water supplies or domestic wells within the Management Zone area with nitrate concentrations exceeding the water quality objective;</li> <li>• Areas within/adjacent to the Management Zone that overlap with other management areas/activities;</li> <li>• Early Action Plan to address drinking water needs for those relying on wells with nitrate levels exceeding the water quality objective (see below);</li> <li>• Proposed timeline for (a) identifying additional participants; (b) further defining boundary areas; (c) developing proposed governance/funding structure for Management Zone administration; (d) additional evaluation of groundwater conditions across the Management Zone, if necessary; and (e) submittal of Final Management Zone Proposal and a Management Zone Implementation Plan; and</li> <li>• Optional: Other constituents of concern that Management Zone will address.</li> </ul>
<i><b>Early Action Plan</b></i>
<ul style="list-style-type: none"> <li>• Process to identify affected residents; outreach to ensure these residents are informed of and given the opportunity to participate in the development of the Early Action Plan;</li> <li>• A process for coordinating with others that are not dischargers to address drinking water issues;</li> <li>• Specific actions and implementation schedule to address the immediate drinking water needs of those initially identified within the Management Zone impacted by groundwater that exceeds nitrate standards; and</li> <li>• A funding mechanism for implementing the Early Action Plan</li> </ul>

**Final Management Zone Proposal**

The Final Management Zone Proposal (FMZP) submittal addresses comments received from the Central Valley Water Board on the PMZP and incorporates additional information required to finalize the proposal to establish a Management Zone. It must be submitted to the Central Valley Water Board within 180 days of the receipt of comments on the PMZP. **Figure 3** summarizes the key elements for inclusion in the FMZP, including the final proposed Management Zone boundary and list of participating permitted dischargers.

### Figure 3. Key Elements of the Final Management Zone Proposal

- Address Central Valley Water Board Comments on PMZP
- Update PMZP to Include:
  - Timeline for development of the Management Zone Implementation Plan;
  - Updated list of Management Zone participants;
  - Governance structure;
  - Additional evaluation of groundwater conditions across Management Zone area (as needed);
  - Proposed approach for regulatory compliance, e.g., request for an exception of allocation of assimilative capacity;
  - How Management Zone intends to interact and/or coordinate with similar efforts, e.g., pursuant to the implementation of the Sustainable Groundwater Management Act (SGMA); and
  - Documentation of actions taken to implement the Early Action Plan.

### ***Management Zone Implementation Plan***

The Management Zone Implementation Plan (MZIP) submittal establishes the nitrate control implementation program that is tailored to the Management Zone and is compliant with the Basin Plan regulations. It must be submitted to the Central Valley Water Board within 6 months after the Executive Officer of the Central Valley Water Board accepts the FMZP. **Figure 4** summarizes the key elements for inclusion in the MZIP, including a schedule of implementation over the short and long term.

### Figure 4. Key Elements of the Management Zone Implementation Plan<sup>1</sup>

- Implementation Plan must address how the following goals will be achieved:
  - Safe drinking water supply is assured;
  - Balanced nitrate loadings will be achieved (to the extent reasonable, feasible and practicable); and
  - Nitrate levels in groundwater will be restored to concentrations at or below water quality objectives (to the extent reasonable, feasible and practicable)
- As part of the goal demonstration, the MZIP should include the following key elements:
  - Funding or cost share agreements or process to establish such agreements to implement Plan;
  - Nitrate management activities (may be prioritized);
  - Water quality characterization to be used as a basis for measuring progress;
  - Short ( $\leq 20$  years) and long-term ( $> 20$  years) projects and/or planning activities to be implemented;
  - Implementation schedule with interim milestones;
  - Triggers for implementation of alternative procedures if interim milestones unmet;
  - Surveillance and monitoring program; and
  - Responsibilities of each discharger, or groups of dischargers to manage nitrate.

<sup>1</sup> Note that the Central Valley Water Board will be making targeted revisions to the Basin Plans that will result in a modification to requirements for development of the MZIP

## Guidance to Facilitate Outreach to Other Permitted Dischargers within a Proposed Management Zone Boundary

Purpose: A critical, but challenging early step in the development of a Preliminary Management Zone Proposal, is to identify permitted dischargers within a proposed Management Zone boundary who are interested in becoming a Management Zone participant. This guidance provides a step-by-step approach to identify these dischargers within a defined boundary.

*Note: Prior to implementation of these steps it is recommended that the Central Valley Water Board be consulted to determine how they can assist with the implementation of these steps. It may be possible to skip parts or all of steps 2 and 3.*

### Step 1: Identify the coalition that represents the owners and operators of irrigated lands in your area

Owners and operators of irrigated lands are regulated under the Irrigated Lands Regulatory Program (ILRP) and are represented by a third party coalition. Under the Nitrate Control Program, the Notice to Comply (NTC) will be sent to the coalition rather than to individual growers. Table 1 identifies the coalitions in each of the Priority 1 groundwater subbasins and how to contact them.

**Table 1. Central Valley ILRP Coalitions in Priority 1 Areas**

Priority 1 Groundwater Subbasin	ILRP Coalition	Contact
Modesto	East San Joaquin Water Quality Coalition, <a href="http://www.esjcoalition.org">www.esjcoalition.org</a>	1201 L Street, Modesto, CA 95354. 209-846-6112. Contact: <a href="http://www.esjcoalition.org/#contact">www.esjcoalition.org/#contact</a>
Turlock		
Chowchilla		
Kings	Kings River Water Quality Coalition, <a href="http://www.kingsriverwqc.org">www.kingsriverwqc.org</a>	P.O. Box 8259, Fresno, CA 93747. 559-365-7958; Email: <a href="mailto:info@kingsriverwqc.org">info@kingsriverwqc.org</a> or website form: <a href="http://www.kingsriverwqc.org/contact/">www.kingsriverwqc.org/contact/</a>
Kaweah	Kaweah Basin Water Quality Association, <a href="http://www.kaweahbasin.org">www.kaweahbasin.org</a>	P.O. Box 2840, Visalia, CA 93279; 559-302-1620; Email: <a href="mailto:admin@kaweahbasin.org">admin@kaweahbasin.org</a>
Tule	Tule Basin Water Quality Coalition, <a href="http://www.tbwqc.com">www.tbwqc.com</a>	324 S. Santa Fe St. Visalia, CA 93292; 559-733-2948; Email: <a href="mailto:info@tbwqc.com">info@tbwqc.com</a> or website form: <a href="http://www.tbwqc.com/contact/">www.tbwqc.com/contact/</a>

### Step 2: Query the California Integrated Water Quality System (CIWQS) Project Database to identify other permitted dischargers within the proposed Management Zone boundary

Complete the following actions to create a list of permitted dischargers:

- Access CIWQS: [https://www.waterboards.ca.gov/water\\_issues/programs/ciwqs/publicreports.html](https://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.html).
- Scroll down to “Facilities Reports” and click on “Interactive Regulated Facilities Report.”
- Select the option to search by County; within the County box highlight any relevant counties.

- Scroll down and click on “Run Report”. The total number of regulated facilities by County and type is provided in the bottom right corner of the table.
- Click on the total number facilities (bottom right of table) to view a list of the first page of regulated facilities; click on the option to “Export This Report to Excel.” Save the file as an Excel file.
- Within the Excel spreadsheet, sort by “Place/Project Type” and “Order No.” Numerous facility types will be included. This list should be divided into three parts:
  - *List of Applicable Dischargers* – These facilities are expected to receive a NTC. This list should include the following facility types: Animal Feeding Facilities, Aquaculture/Hatchery, Food Processing/Food Processor, Mobile Home Park, Power Plant, Recycled Water Use Area, Rendering, Wastewater Treatment Facility, and Winery.
    - Note that the “Animal Feeding Facility” Place/Project Type includes three different types of facilities regulated by separate Orders: Dairies (R5-2013-0122); Poultry Farms (R5-2015-0087); and Confined Bovine Feeding Operations (R5-2017-0058).
  - *List of Non-Applicable Dischargers* – Facilities that did not receive a NTC under the Nitrate Control Program. At a minimum, this list should include all of the following permit types: Construction, industrial; dredge/fill, habitat restoration area, and waterway/shoreline mod site.
  - *Potential Discharger List* – These are the remaining facilities that may have received a NTC with the Nitrate Control Program (subject to the Central Valley Water Board’s discretion).

The outcome of the above filtering process is an Excel spreadsheet with the three lists of known permitted dischargers within the area searched.

### **Step 3: Finalize List of Applicable Dischargers with Central Valley Water Board staff**

It is recommended that the List of Applicable Dischargers and Potential Discharger List be sent to the Central Valley Water Board for review for two reasons: (a) Verify the CIWQS database generated lists are consistent with the list of permitted dischargers sent a NTC in the area; and (b) Identify which facilities on the Potential Discharger List should be included on the List of Applicable Dischargers. The outcome will be a final List of Applicable Dischargers for the searched areas. Any remaining dischargers on the Potential Discharger List should be combined with the List of Non-Applicable Dischargers and set aside.

### **Step 4: Identify permitted dischargers within the proposed Management Zone boundary**

The information downloaded in Step 2 includes GIS coordinates for each permitted discharger. Using GIS tools separate the List of Applicable Dischargers into two parts:

- *Dischargers located within the proposed Management Zone boundary* – This “Management Zone Master List” will be the primary focus of outreach efforts for the Management Zone.
- *Dischargers located outside of the Management Zone boundary* – It is recommended that this list of remaining permitted dischargers from the searched area be sorted to identify which

dischargers are located near (e.g., within five miles) of the Management Zone boundary. Outreach to some of these dischargers may be necessary during development of the Management Zone if it is determined that their activities have the potential to impact Management Zone implementation.

For the resulting Management Zone Master List, it is recommended that the the list be separated into two parts: (a) Permittees subject to a General Order (i.e., dairy, confined bovine feeding operation, and poultry farm) for use in Step 5; and (b) permittees subject to an individual WDR for use in Step 6.

### **Step 5: Conduct outreach to dischargers permitted under a General Order**

It is recommended that outreach to these types of dischargers include two activities:

- Outreach to entities that represent the interests of many dischargers subject to a General Order, e.g., for Dairies, reach out to Dairy Cares
- Direct mailout to each permitted discharger identified in the Management Zone Master List generated under Step 4 (If there is an entity representing a group of dischargers, this mailout should be coordinated with that entity).

Through either mechanism, the Management Zone should be prepared to share the following information through the outreach effort:

- Requirements of the Nitrate Control Program;
- Potential compliance pathways available to the dischargers when responding to the NTC;
- Basis for the proposed Management Zone;
- Requirements to participate in the Management Zone as the elected compliance pathway;
- Options for how the permitted discharger may participate in the Management Zone, including an invitation to participate in Management Zone meetings; and
- Contact information to obtain additional information, if necessary.

### **Step 6: Conduct outreach to permitted dischargers with an Individual WDR**

Outreach to these dischargers requires identification of a point of contact. It is recommended that initial contact with an individual permitted discharger be made via telephone. Be prepared to follow-up a telephone call with written information sent by email. If unable to contact someone by telephone or email, it is recommended that a letter be sent with all the relevant information about the proposed Management Zone (see list of recommended materials above).

Identification of an appropriate point of contact can be obtained by consulting various sources. Following is a list of these sources in no particular order (it may be necessary to consult multiple sources to identify the best contact):

#### CIWQS Database

- Access CIWQS: [https://www.waterboards.ca.gov/water\\_issues/programs/ciwqs/publicreports.html](https://www.waterboards.ca.gov/water_issues/programs/ciwqs/publicreports.html).
- Scroll down to the “Facilities Reports” and click on “Facilities-At-A-Glance”

- Enter the facilities name as shown under the “Agency” column on the Management Zone Master List and click on Run Report
- Click on the Place ID number for the best option of the facilities listed to review the facility information. There will often be other hot links that take you to screens that provide potential contacts at the facility. Note: Often the contact information is out of date in this database, especially the person’s name, but the associated telephone and/or email information for a facility can be helpful.

### Facilities Website

Many facilities have a website that may provide information on who to initiate contact with for more information about the facility. When calling a facility, ask for the person responsible for implementing the facility’s WDR.

### Central Valley Water Board

If not already obtained, e.g., through Step 3, find out where/who the NTC was mailed to at each facility.

### Other Sources of Information

Some permitted dischargers are members of organizations associated with the facility type. For example, food processors may be members of the California League of Food Producers and wastewater facilities may be associated with the Central Valley Clean Water Association. These organizations may be of assistance when trying to identify who to contact at a particular permitted facility.

### **Step 7: Document all outreach activities**

Document all outreach activities to individual dischargers and dischargers permitted under a General Order - even if the outreach resulted in no response. This information should be included in the Preliminary Management Zone Proposal as part of the documentation to show how the proposed Management Zone conducted outreach in the area.

**NOTICE**  
**Central Valley Regional Water Quality Control Board Permit Holders**

---

**On October 16, 2019, California's State Water Resources Control Board approved the Salt and Nitrate Control Program (CV-SALTS) Basin Plan Amendments which regulate Central Valley Water Board permit holders.**

You will receive a Notice to Comply with these regulations from the Central Valley Water Board in March 2020. Permittees in Priority 1 groundwater basins with nitrate issues will be notified of their requirement to comply with the regulations either individually, or by joining a Management Zone for group compliance. For salinity, permittees can comply with conservative limits or participate in the Prioritization & Optimization Study.

To make an informed decision, and learn more about compliance options and requirements, go to [cvsalts.info](http://cvsalts.info).

**NOTICE**  
**Central Valley Regional Water Quality Control Board Permit Holders**

---

**On October 16, 2019, California's State Water Resources Control Board approved the Salt and Nitrate Control Program (CV-SALTS) Basin Plan Amendments which regulate Central Valley Water Board permit holders.**

You will receive a Notice to Comply with these regulations from the Central Valley Water Board in March 2020. Permittees in Priority 1 groundwater basins with nitrate issues will be notified of their requirement to comply with the regulations either individually, or by joining a Management Zone for group compliance. For salinity, permittees can comply with conservative limits or participate in the Prioritization & Optimization Study.

To make an informed decision, and learn more about compliance options and requirements, go to [cvsalts.info](http://cvsalts.info).

**Central Valley Salinity  
Coalition OR  
REGIONAL BOARD?**

Street Address

Address 2

City, ST ZIP Code

Recipient Name

Street Address

Address 2

City, ST ZIP Code

**Central Valley Salinity  
Coalition OR  
REGIONAL BOARD?**

Street Address

Address 2

City, ST ZIP Code

Recipient Name

Street Address

Address 2

City, ST ZIP Code



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
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/Key

Light Red conflicts

[PEOC Committee](#)

Third Thursdays Where possible

Executive Committee Meetings

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

Yellow Salty 5

State Board Workshops/Hearings

TAC Meeting

PEOC Committee

# CV-SALTS Meeting Calendar

## 2020

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	29

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/Key

- Light Red conflicts
- [PEOC Committee](#)
- Third Thursdays Where possible
- Executive Committee Meetings
- Policy or Admin Calls 1:00 or 1:30pm
- Yellow Salty 5
- State Board Workshops/Hearings
- TAC Meeting
- PEOC Committee