

## CV-SALTS Executive Committee Meeting

Thursday, February 15, 2018 – 9:00 AM to 3:00 PM - Sunset Maple Room

Sacramento Regional Sanitation District  
10060 Goethe Rd, Sacramento 95827

Teleconference (641) 715-3580 Code: 279295#

Go-To-Meeting Link: <https://global.gotomeeting.com/join/723939309>

Posted 2-6-18 – Revised 2-14-18

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

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|--|
| <b>11:30 am to 1:00 pm - Lunch on Your Own</b> |
|--|

- 4) **Continuation of Morning Discussion** - Richard Meyerhoff/Tess Dunham (1 hr. 45 mins)
  - Surveillance and Monitoring Program (SAMP)
  - Salinity Control Program
- 5) **Administrative Updates** – Daniel Cozad (15 mins.)
  - Public Education and Outreach – Update
    - Insert (for 11 X 17 brochure) Approval: [Drinking Water](#)
- 6) **Review Meeting Schedule/Location**
  - Policy Meeting: March 8<sup>th</sup> – 9:00 – 3:00 @ Sac Regional
  - Regional Board Hearing: March 22<sup>nd</sup>
  - Policy Meeting: April 19<sup>th</sup> – 9:00 – 3:00 @ Sac Regional

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

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

## CV-SALTS Committee Rosters

| Executive Committee Membership |                                       |                         | CV-SALTS Executive Committee Meetings - 2017-2018 |        |        |        |        |        |       |        |       |        |        |
|--------------------------------|---------------------------------------|-------------------------|---|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|
| Voters                         | Category/Stakeholder Group            | Name                    | 20-Apr  | 15-Jun | 16-Aug | 17-Aug | 11-Oct | 12-Oct | 9-Nov | 14-Dec | 3-Jan | 11-Jan | 15-Feb |
| 1                              | Central Valley Water Board            | Pamela Creedon          | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| Alt                            | Central Valley Water Board            | Jeanne Chilcott         | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| 2                              | State Water Resources Control Bd.     | Darrin Polhemus         |   |        | ✓      |        |        |        | ✓     |        |       | ✓      |        |
| 3                              | Department of Water Resources         | Jose Faria              |   |        |        |        |        |        |       |        |       |        |        |
| Alt                            | Department of Water Resources         |                         |   |        |        |        |        |        |       |        |       |        |        |
| 4                              | US Bureau of Reclamation              | Ellwood Raley           | ✓   | ✓      | ✓      |        |        |        | ✓     |        |       | ✓      |        |
| 5                              | Environmental Justice                 | Laurel Firestone        |   |        |        |        |        |        |       |        |       |        |        |
| 6                              | Environmental Water Quality           | TBD                     |   |        |        |        |        |        |       |        |       |        |        |
| <b>CV Salinity Coalition</b>   |                                       |                         |   |        |        |        |        |        |       |        |       |        |        |
| 1                              | So. San Joaquin WQC                   | Casey Creamer           | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     |        |        |
| 2                              | City of Stockton                      | Robert Granberg         |   | ✓      |        |        |        |        |       |        |       |        |        |
| 3                              | California Cotton Growers             | Chris McGlothlin        |   |        |        | ✓      |        |        |       |        |       |        |        |
| 4                              | City of Fresno                        | Rosa Lau-Staggs         | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     | ✓      |        |
| 5                              | CA League of Food Processors          | Trudi Hughes            |   |        |        |        |        |        |       |        |       |        |        |
| Alt                            | CA League of Food Processors          | Rob Neenan              |   | ✓      | ✓      | ✓      |        | ✓      |       | ✓      |       | ✓      |        |
| 6                              | NCWA/SVWQC                            | Bruce Houdesheldt       | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      |       |        |        |
| 7                              | City of Tracy                         | Erich Delmas            |   |        |        |        |        |        |       |        |       |        |        |
| Alt                            | City of Tracy                         | Dale Klever             |   |        |        |        |        |        |       |        |       |        |        |
| 8                              | Sacramento Regional CSD               | Lysa Voight             | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     |        | ✓     | ✓      |        |
| Alt                            | Sacramento Regional CSD               | Sam Safi                |   |        |        |        |        |        |       |        |       |        |        |
| 9                              | San Joaquin Tributaries Authority     | Dennis Westcot          |   |        |        |        |        |        |       |        |       |        |        |
| 10                             | Valley Water Management               | Melissa Thorme          | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     |        | ✓     | ✓      |        |
| Alt                            | Valley Water Management               | Jim Waldron             |   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     |        |        |
| 11                             | California Rice Commission            | Tim Johnson             |   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     |        |       | ✓      |        |
| 12                             | City of Davis                         | Josie Tellers           |   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     | ✓      |        |
| 13                             | Tulare Lake Drainage/Storage District | Mike Nordstrom          | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| 14                             | Western Plant Health Assoc.           | Renee Pinel             |   |        |        | ✓      |        |        |       |        |       | ✓      |        |
| 15                             | City of Vacaville                     | Steve Sawyer            |   |        |        |        |        |        |       |        |       |        |        |
| Alt                            | City of Vacaville                     | Tony Pirondini          | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     |        | ✓     | ✓      |        |
| 16                             | Dairy Cares                           | J.P. Cativiela          | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      |       | ✓      |        |
| Alt                            | Dairy Cares                           | Paul Sousa              |   |        |        |        |        |        |       |        |       |        |        |
| 17                             | Westlands Water District              | Jose Gutterrez          |   |        |        |        |        |        |       |        |       |        |        |
| Alt                            | Westlands Water District              | Charlotte Gallock       | ✓   |        |        | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| <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  | ✓   | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |

## CV-SALTS Committee Rosters

| Participant Names  |          |                             |        |        |        |        |        |        |       |        |       |        |        |
|--------------------|----------|-----------------------------|--------|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|
| Last               | First    | Organization                | 20-Apr | 15-Jun | 16-Aug | 17-Aug | 11-Oct | 12-Oct | 9-Nov | 14-Dec | 3-Jan | 11-Jan | 15-Feb |
| Archibald          | Elaine   | CUWA                        |        | ✓      |        |        |        |        |       |        |       |        |        |
| Au Yeung           | Cindy    | CVRWQCB                     |        |        |        |        |        |        | ✓     |        |       |        |        |
| Ashby              | Karen    | LWA                         |        |        |        |        |        |        |       |        |       |        |        |
| Baptiste           | Anne     | Diepenbrock Elkin Gleason   |        |        |        |        | ✓      | ✓      | ✓     | ✓      | ✓     |        |        |
| Barclay            | Diane    | SWRCB                       | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |       |        |       |        |        |
| Brown              | Michelle | RBI                         |        |        |        |        |        |        |       |        |       |        |        |
| Bryant             | Mike     | RBI                         |        |        |        |        |        |        |       |        |       |        |        |
| Carlo              | Penny    | Carollo Engineers           | ✓      | ✓      |        | ✓      |        |        |       | ✓      |       |        |        |
| Cady               | Mark     | CDFA                        | ✓      |        | ✓      | ✓      | ✓      | ✓      | ✓     |        |       |        |        |
| Claiborne          | Mike     | Leadership Counsel          |        |        |        | ✓      |        |        | ✓     |        |       |        |        |
| Clary              | Jennifer | CWA                         |        |        |        |        |        |        |       |        |       |        |        |
| Dickey             | John     | Plantierra                  |        |        | ✓      |        |        | ✓      |       |        |       | ✓      |        |
| Doduc              | Tam      | SWRCB                       |        |        |        |        |        |        |       |        |       |        |        |
| Dunham             | Tess     | Somach Simmons              | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| Escobar            | Juan     | DWR                         |        | ✓      | ✓      | ✓      |        |        |       |        |       |        |        |
| Fink               | Cody     | LANDIQ                      |        |        |        |        |        |        |       |        | ✓     |        |        |
| Fuentes            | Robert   | Leadership Counsel          |        |        |        |        |        |        |       |        |       |        |        |
| Garcia             | Rick     | CRC                         | ✓      | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     |        |        |
| Gonzalez           | Armando  | Occidental Oil & Gas        |        |        |        |        |        |        |       |        |       |        |        |
| Gleason            | Nicole   | Diepenbrock Elkin Gleason   |        |        |        |        |        |        |       |        |       |        |        |
| Gore               | Bob      | Gualco Group                |        |        |        | ✓      | ✓      |        | ✓     | ✓      | ✓     | ✓      |        |
| Gosling            | Doug     |                             |        |        |        |        |        |        |       |        |       |        |        |
| Grovhoug           | Tom      | LWA                         | ✓      |        | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     |        |        |
| Gudel              | Casey    | LANDIQ                      |        |        |        |        |        |        |       |        |       |        |        |
| Horne              | Randy    | NAFTEX                      |        | ✓      | ✓      | ✓      |        | ✓      |       |        |       | ✓      |        |
| Johnson            | Michael  | LSJRC                       |        | ✓      |        |        |        |        |       |        |       |        |        |
| Kihara             | Annalisa | SWRCB                       |        |        |        |        |        |        |       |        |       |        |        |
| Kimmelshue         | Joel     | LANDIQ                      |        |        |        |        |        |        |       |        |       |        |        |
| Kotin              | Adam     | Wine Institute              | ✓      | ✓      |        | ✓      |        |        |       | ✓      |       | ✓      |        |
| Krachey            | Julie    | Apex                        |        |        |        |        |        | ✓      |       |        |       |        |        |
| Kretsinger Grabert | Vicki    | LSCE                        | ✓      | ✓      |        |        |        | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| Kubiak             | Rachel   | Western Plant Health Assoc. |        |        |        |        |        |        |       |        |       |        |        |

**ADDITIONAL PARTICIPANTS:**

| Participant Names |           |                            | CV-SALTS Executive Committee Meetings -2017-2018 |        |        |        |        |        |       |        |       |        |        |
|-------------------|-----------|----------------------------|--|--------|--------|--------|--------|--------|-------|--------|-------|--------|--------|
| Last              | First     | Organization               | 20-Apr   | 15-Jun | 16-Aug | 17-Aug | 11-Oct | 12-Oct | 9-Nov | 14-Dec | 3-Jan | 11-Jan | 15-Feb |
|                   |           |                            |  |        |        |        |        |        |       |        |       |        |        |
| Laputz            | Adam      | CVRWQCB                    |  |        |        |        | ✓      |        |       |        |       |        |        |
| Larson            | Bobbi     | CASA                       |  | ✓      | ✓      |        |        |        |       |        |       | ✓      |        |
| LeClaire          | Joe       | Daniel B. Stephens & Assoc |  |        |        |        |        |        |       |        |       |        |        |
| Liebersbach       | Debbie    | Turlock Irrig Dist         |  |        |        | ✓      |        |        |       |        |       |        |        |
| Lilien            | Jonathan  | Chevron                    |  |        |        |        |        |        |       |        |       |        |        |
| Link              | Adam      | CASA                       |  |        |        |        |        |        |       |        |       |        |        |
| Littlejohn        | Anne      | CVRWQCB                    |  |        | ✓      | ✓      | ✓      | ✓      |       | ✓      | ✓     | ✓      |        |
| Longley           | Karl      | CVRWQCB                    | ✓  |        | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      |       | ✓      |        |
| Lovley            | Tim       | MacPherson Oil             |  |        |        |        | ✓      | ✓      |       | ✓      |       |        |        |
| McGahan           | Joe       | SJVDA                      |  |        |        |        |        |        |       |        |       |        |        |
| McReynolds        | Scott     |                            |  | ✓      | ✓      |        |        |        |       |        |       |        |        |
| Meeks             | Glenn     | CVRWQCB                    | ✓  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      |       | ✓      |        |
| Meyerhoff         | Richard   | GEI Consultants            | ✓  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      |       | ✓      |        |
| Moore             | Tim       | Risk-Sciences              |  | ✓      |        | ✓      |        | ✓      | ✓     |        |       | ✓      |        |
| Ores              | Debi      | CWC                        |  |        |        | ✓      |        | ✓      |       |        |       |        |        |
| Peschel           | Paul      | KRCD                       |  |        |        |        |        |        |       | ✓      |       |        |        |
| Plachta           | Walt      | CVRWQCB                    |  |        |        |        | ✓      | ✓      | ✓     | ✓      |       | ✓      |        |
| Pritchett         | Gregory   | Chevron                    |  |        |        |        |        |        |       |        |       |        |        |
| Pulupa            | Patrick   | CVRWQCB                    | ✓  | ✓      | ✓      | ✓      | ✓      | ✓      | ✓     | ✓      | ✓     | ✓      |        |
| Pitcher           | Jennifer  | West. States Petroleum     |  |        |        |        |        |        |       |        |       |        |        |
| Reedy             | Chris     | VWM                        | ✓  |        |        |        |        |        | ✓     |        | ✓     |        |        |
| Rempel            | Jenny     | CWC                        |  |        |        |        |        |        |       |        |       |        |        |
| Rivera            | Willie    | CIPA                       |  |        | ✓      | ✓      |        | ✓      | ✓     |        | ✓     |        |        |
| Rodgers           | Clay      | CVRWQCB                    |  |        |        |        |        | ✓      | ✓     |        |       | ✓      |        |
| Savage            | Chris     | Gallo                      |  |        |        |        |        |        |       |        |       | ✓      |        |
| Schmidt           | Andrea    |                            |  |        |        |        |        |        | ✓     |        |       |        |        |
| Schultz           | Paul      | CDM Smith                  | ✓  |        |        |        |        |        |       |        |       |        |        |
| Seyfried          | Scott     | SWRCB                      |  | ✓      |        |        | ✓      | ✓      | ✓     |        |       |        |        |
| Seaton            | Phoebe    | LCJA                       | ✓  | ✓      |        |        |        |        |       |        |       |        |        |
| Segal             | Daniel    | Chevron                    |  |        |        |        |        |        |       |        |       |        |        |
| Silva             | Megan     | Aera                       |  | ✓      |        |        |        |        |       |        |       |        |        |
| Starr             | Bonny     | Starr Consulting           |  |        |        |        |        |        | ✓     |        |       |        |        |
| Thomas            | Bill      | KRCD                       | ✓  | ✓      |        |        | ✓      | ✓      | ✓     |        |       |        |        |
| Tillman           | Stephanie | LANDIQ                     | ✓  | ✓      | ✓      | ✓      | ✓      | ✓      |       | ✓      |       | ✓      |        |
| Tristao           | Dennis    | J.G. Boswell               |  |        |        |        |        |        |       |        |       |        |        |
| Wackman           | Mike      | SJ County/Delta Water      |  |        | ✓      |        |        |        | ✓     |        |       |        |        |
| Zimmerman         | Christine | IOPA                       | ✓  | ✓      | ✓      | ✓      |        | ✓      |       | ✓      | ✓     | ✓      |        |

**ADDITIONAL PARTICIPANTS:**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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# CV-SALTS Executive Committee Meeting Notes

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

TELECONFERENCE ONLY

Attendees are listed on the Membership Roster

## AGENDA

- 1) Welcome/Introductions – Consent Calendar
  - a) The meeting was brought to order by Committee Chair, Parry Klassen.
  - b) Roll call was completed.
  - c) Debbie Webster moved, and David Cory seconded, and by general acclamation the March 16, 2017 meeting action notes were approved.
  
- 2) Review and Discussion of Materials Posted for January 19<sup>th</sup> Workshop
  - Per Richard Meyerhoff only editorial changes were made to the Salinity Control Program. No significant changes were made. There were no questions from the committee on the most recent revisions to the Salinity Control Program.
  - Tess Dunham summarized the current revisions to the Nitrate Control Program.
    - Vicki Kretsinger voiced concerns regarding the variation in definitions of “shallow zone” that appear in different sections of the document. Tess indicated the Glossary definition needs updating. Vicki will forward clarifying comments to Tess.
  - Tim Moore summarized the current revisions for the SMCL Policy.
  - Per Anne Littlejohn there were no significant changes made to the Drought & Conservation, Offsets, Exceptions and Variance Policies.
  - Patrick Pulupa advised that he had revised a few of the Glossary terms to better bring them into alignment with the SNMP.
    - Vicki Kretsinger will submit comments on glossary terms that should be updated.
  
- 3) Presentation Preparation for January 19<sup>th</sup>
  - Richard Meyerhoff presented the initial draft of the framework for the Workshop presentation.
    - Committee suggested topics to be discussed first thing in the morning session of the workshop should be: Conditional Prohibition Language, Management Zone, Nitrates.
  - Identified as possible speakers: Tess Dunham, David Cory, Jeanne Chilcott, Tim Moore.
  
- 4) Review Meeting Schedule/Location
  - Regional Board Workshop – January 19<sup>th</sup>
  - Next Policy Meeting: January 11<sup>th</sup> – 9:00 – 4:00 PM

# CV-SALTS Executive Committee Meeting - Summary Action Notes

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

Attendees are listed on the Membership Roster

## DISCUSSION ITEMS

### 1) Welcome and Introductions

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

### 2) Review of Basin Plan Language Changes in Materials Posted for January 19<sup>th</sup>

### 3) Presentation Preparation for January 19<sup>th</sup>

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

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

4) Administrative Updates

- No additional items were covered.

5) Review Next Meetings - Schedule/Location

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



# Making Central Valley Drinking Water Safe New Water Quality Regulations

## The Problem – Unsafe Water

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

## What is the impact of contamination?

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

## What is being done?

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

## What is goal of the SNMP?



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

## Progress

As a result, in 2018, the Regional Water Board will put into effect new regulatory options to address the nitrate entering the groundwater in areas with high nitrate levels. These areas include: Kaweah, Turlock, Chowchilla, Tule, Modesto, and Kings groundwater sub-basins and basins.

## How can I learn more about CV-SALTS?

You are encouraged to participate and get involved now. For more information, visit [www.cvsalinity.org](http://www.cvsalinity.org).



# CV-SALTS Meeting Calendar

## 2018

**1 January**

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

**2 February**

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
|-----|-----|-----|-----|-----|-----|-----|
|     |     |     |     | 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

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