

CV-SALTS Executive Committee Meeting

Thursday, November 18, 2021 9:00 AM – 11:45 AM

<https://us06web.zoom.us/j/81053924730?pwd=ZlB1WWs0SFJ6bjVERVBMjYTNKU3ZSdz09>

Meeting ID: 810 5392 4730 Passcode: 206192

Dial-in: 253 215 8782

Posted 11-09-2021 – Revised 11-16-2021

- 1) **Welcome and Introductions – Chair** – (10 mins)
 - a) Committee Roll Call and [Membership Roster](#)
 - b) Review and Approve [October 21, 2021 Meeting Notes](#)

- 2) **Basin Plan Amendments – Implementation Update** – Patrick Pulupa, Anne Walters (25 mins)
 - Program Implementation
 - Management Zone progress and deadlines
 - Enforcement Activities

- 3) **Management Zones – Status Update** – Daniel Cozad, and MZ Support Committee members (25 mins)
 - [Status Summary](#)
 - SAFER Funding of Co-Contaminant Impacts by MZs
 - October ONLY Outreach Activities by Zone: Chowchilla Management Zone, Kaweah Water Foundation, Kings Water Alliance, Valley Water Collaborative, Tule Management Zone.

- 4) **Prioritization & Optimization Study** – (1.5 hr)
 - [Kickoff and 2022 Planning; Data Compilation Process](#) – Richard Meyerhoff, Tom Grovhoug
 - Introduction of [P&O Governance and Funding Report Introduction](#) – Daniel Cozad, Richard Meyerhoff, Bobbi Larson
 - P&O Study Brief for Newer Participants/Public – Bobbi Larson, Charles Gardiner

- 5) **PEOC Status Update** – Nicole Bell (10 mins)
 - LINK to Outreach Matrix - [Outreach Tracking](#)
 - General Outreach Update
 - Work in Progress: Website Refresh, Mapping Tool, P&O Brief, and Nitrate Op-Ed

- 6) **Review Meeting Schedule/Location** – (5 mins.)
 - [2022 Meeting Calendar](#) – For Approval
 - PEOC Meeting: **January 11, 2022, 3:00 - 4:00 PM – Conference Call**
 - Policy Meeting: **January 13, 2022, Tentatively 9:00 – 3:00 (Final times TBD) – Zoom**

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>. On March 4, 2020, Governor Newsom declared a State of Emergency resulting from the threat of COVID-19. Governor Newsom issued Executive Order N-25-20 (3-12-20) and Executive Order N-29-20 (3-17-20) which temporarily suspends portions of the Brown and Bagley Keen Acts relative to conducting public meetings. Subsequent thereto, Governor Newsom issued Executive Order N-33-20 (3-19-20) ordering all individuals to stay at home or at their place of residence. Accordingly, it has been determined that all CV-SALTS meetings will be held pursuant to the Brown Act and will be conducted via teleconference. There will be no public access to an on-site meeting venue.

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

CV-SALTS Committee Rosters

| Executive Committee Membership | | | CV-SALTS Executive Committee Meetings -2020-2021 | | | | | | | | | | | | |
|--------------------------------|------------------------------------|----------------------------|--|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| Voters | Category/Stakeholder Group | Name | 17-Sep | 22-Oct | 19-Nov | 14-Jan | 11-Feb | 11-Mar | 8-Apr | 13-May | 10-Jun | 19-Aug | 16-Sep | 21-Oct | 18-Nov |
| 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 | Jesus Mercado | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 4 | US Bureau of Reclamation | Grace Windler | ✓ | | | | ✓ | | | | | ✓ | ✓ | ✓ | |
| 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 | Aloke Vaid | | | | | | | | | | | | | |
| 8 | Sacramento Regional CSD | Chris Hunley | ✓ | ✓ | ✓ | | | | | | | ✓ | | ✓ | |
| Alt | Sacramento Regional CSD | Sam Safi | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | |
| 9 | San Joaquin Tributaries Authority | Jonathan Marz | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Alt | San Joaquin Tributaries Authority | Valerie Kincaid | | | | | | | | | | | | | |
| 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 | Zac Just | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Alt | Westlands Water District | Kit Campbell | ✓ | | | | ✓ | | ✓ | | | | | | |
| 18 | East San Joaquin WQ Coalition | Parry Klassen | ✓ | | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| Comm. Chairs/Co-chairs | | | | | | | | | | | | | | | |
| 1 | Chair Executive Committee | Debbie Webster CVCWA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 2 | Vice Chair Executive Committee | Mike Wackman SJ Co/Delta V | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| 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 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

CV-SALTS Committee Rosters

| Participant Names | | | CV-SALTS Executive Committee Meetings -2020-2021 | | | | | | | | | | | | |
|--------------------|-----------|---------------------------|--|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| Last | First | Organization | 17-Sep | 22-Oct | 19-Nov | 14-Jan | 11-Feb | 11-Mar | 8-Apr | 13-May | 10-Jun | 19-Aug | 16-Sep | 21-Oct | 18-Nov |
| Aguilar | Marisol | | | | | | | | | | | ✓ | | | |
| Agus | Eva | East Bay MUD | | | ✓ | | | | | | | | | | |
| Atume | Ngodoo | CWA | | | | | | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | |
| Au-Yeung | Cindy | | ✓ | ✓ | | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Bean | Jessica | SWRCB | | | | | | | | | | | | | |
| Beckstead | Christina | Madera Farm Bureau | ✓ | ✓ | | | | | | | ✓ | ✓ | | | |
| Bejarano | Antonio | WWD | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | | | ✓ | | |
| Bell | Nicole | KRWCA | | | | | | | | ✓ | | | | | |
| Belt | David | | | | | | | | | | | | ✓ | | |
| Brown | Laura | | | | | | | | | | | | | | |
| Cady | Mark | CDFA | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | | | | ✓ | |
| Campbell | Morgan | | | | | | | | | | | | | | |
| Carlo | Penny | | ✓ | ✓ | ✓ | | | | | | | | | | |
| Claiborne | Mike | Leadership Counsel | | | ✓ | ✓ | ✓ | | | | | | | | |
| Clary | Jennifer | CWA | | | ✓ | ✓ | | ✓ | | | | | | | |
| Cremers | Noelle | Wine Institute | | | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Cruikshank | M. | | | | | | | | | | | ✓ | | | |
| Dickey | John | Plantierra | | | | | | | | | | | | | |
| Dransoff | Zack | CRC | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | |
| Dunham | Tess | Kahn, Soares & Conway | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Dunn | Debra | Kings River Cons District | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | |
| Fuller | Dustin | TLDD | | | | | | | ✓ | ✓ | ✓ | | ✓ | ✓ | |
| Fuller | Jennifer | CVRWQCB | ✓ | ✓ | | | | | ✓ | ✓ | | ✓ | ✓ | ✓ | |
| Gallock | Charlotte | KRWQC | ✓ | ✓ | ✓ | | ✓ | | ✓ | | | ✓ | ✓ | ✓ | |
| Gardiner | Charles | Catalyst Communications | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | ✓ | |
| Gastelum | Thalea | | | | | | | | | | | ✓ | | | |
| Gore | Bob | Gualco Group/CIPA | | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | ✓ | |
| Gosling | Doug | | | | | | | | | | | | | | |
| Grovhoug | Tom | LWA | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Guttierrez | Christine | GEI Consultants | | | | ✓ | | | | | | | | | |
| Hearn | Stephanie | GEI | | ✓ | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| Horne | Randy | Valley Water Mgmt. | | | | ✓ | | | | | | | | | |
| Jahanzad | Emad | CDFA | | | ✓ | | | ✓ | | | | | | | |
| Khang | True | CVRWQCB | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Kretsinger Grabert | Vicki | LSCE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |

ADDITIONAL PARTICIPANTS:

CV-SALTS Committee Rosters

| Participant Names | | | CV-SALTS Executive Committee Meetings -2020-2021 | | | | | | | | | | | | |
|-------------------|-----------|-------------------------|--|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|
| Last | First | Organization | 17-Sep | 22-Oct | 19-Nov | 14-Jan | 11-Feb | 11-Mar | 8-Apr | 13-May | 10-Jun | 19-Aug | 16-Sep | 21-Oct | 18-Nov |
| Laputz | Adam | CVRWQCB | | ✓ | ✓ | | | | ✓ | ✓ | | | ✓ | | |
| Larson | Bobbi | Somach Simmons & Dunn | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| LeClaire | Joe | LeClaire & Associates | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Lee | Sara | | | | | | | | | | | | | | |
| Liu | Yuan | CCWD | ✓ | ✓ | ✓ | | | | ✓ | ✓ | | ✓ | | | |
| Longley | Karl | CVRWQCB | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |
| McReynolds | Scott | CVRWQCB | | | | | | | ✓ | | | | | | |
| Mendes | Justin | Tulare Lake Basin WSD | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ | | | |
| Meyerhoff | Richard | GEI Consultants | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | |
| Nakagawa | Brandon | SSJID | ✓ | | | | | | | | | | | | |
| Ocampo | Eddie | Self-Help Enterprises | | ✓ | | | | | | | | | | | |
| Ores | Debi | CWC | | ✓ | | | | | | | ✓ | | | | |
| Osorio | Bryan | CWC | | | | | | | | | | ✓ | | ✓ | |
| Papendick | Jeffrey | USBR | | | | | ✓ | | | | | | | | |
| Petersen | Chris | SLDMWA | | | | | | | | | | ✓ | ✓ | | |
| Pope | Aaron | Catalyst Communications | | | | | | ✓ | | | ✓ | | | | |
| Prescott | Darrin | Grenian | | | | | | | ✓ | | ✓ | | ✓ | | |
| Razor | Matthew | | | | | | | | | | | ✓ | | | |
| Robinson | Kathryn | CRLA | | | | | | | | | ✓ | | | | |
| Robinson | Kristi | Chowchilla MZ | | | | | | | | | | | ✓ | ✓ | |
| Rutherford | Sara | KBWQA | ✓ | ✓ | ✓ | ✓ | | ✓ | | | ✓ | ✓ | ✓ | ✓ | |
| Seyfried | Scott | SWRCB | | | | | | ✓ | | | | | | | |
| Soto | Sammy | CVRWQCB | | | | | | | | | | | ✓ | ✓ | |
| Staggs | Rick | | | | | ✓ | ✓ | | | | | | | | |
| Starr | Bonnie | Starr Consulting | ✓ | ✓ | ✓ | ✓ | ✓ | | | | ✓ | | | | |
| Stevens | Brett | CVRWQCB | | | | | | | | | | | | | |
| Takeda | Jackie | GEI Consultants | | | | ✓ | | | | | | | | ✓ | |
| Thompson | Maureen | | | | | ✓ | | | | | | | | | |
| Tillman | Stephanie | LANDIQ | | | | | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | |
| Trouchon | Mike | LWA | | | | | | | | | | | ✓ | ✓ | |
| Warren | Eric | CVRWQCB | ✓ | | | | ✓ | | | | ✓ | | | | |
| Wehr | Ellen | Grassland Water Dist | | | ✓ | | | | | | ✓ | | | | |
| Witty | J. | | | | | | | | | | | ✓ | | | |
| Zimmerman | Christine | IOPA | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | |
| Zolezzi | Jeanne | Herum Crabtree | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | | |

ADDITIONAL PARTICIPANTS:

CV-SALTS Executive Committee Meeting - Summary Action Notes

For October 21, 2021 – 9:00 AM to 11:45 AM

Attendees are listed on the Membership Roster

DISCUSSION ITEMS

1) Welcome and Introductions

- a) Executive Committee Chair, Debbie Webster, brought the meeting to order, and roll call was completed.
- b) David Cory moved, and Stephanie Hiestand seconded, and by general acclamation the September 16, 2021, Meeting Action Notes were approved.

2) Basin Plan Amendments – Implementation Update

- Anne Walters provided an update on the status of the implementation activities in the Salt and Nitrate Control Programs.
 - 800 Salt Control Program nudge letters (for about 740 permits) were sent out the week of October 11th.
 - For the Nitrate Control Program three notices of violation, and eight notices of deficiencies were sent out to some of the Path A submittals on October 15, 2021. The deadline to respond to these notices is November 15, 2021. The Enforcement team is working on confirming permittees that have not submitted an NOI. Regional Board staff is working with management zones to reconcile the participant lists with NOI submittals.
 - For NCP there were 27 Path A, 1069 Path B and 140 No Response
 - A copy of the letters and/or mailing lists can be obtained by emailing a request to cvsalts@waterboard.ca.gov

3) Management Zones – Status Update

- Daniel Cozad presented the most recent Management Zone Program Summary, showing testing applications submitted, wells tested, households receiving water, fill stations etc., current as of 10/01/21.
- Daniel also provided a status update on the SAFER Funding of Co-Contaminants testing. The Valley Water Collaborative application is moving forward with DFA. Once the outstanding minor issues are resolved it will allow the addition of co-contaminant testing to begin sometime in early 2022. Chowchilla Management Zone is already testing for all contaminants without a SAFER agreement.
- Presentations were given on outreach activities in each of the following Management Zones:
 - Chowchilla Management Zone, Kaweah Water Foundation, Kings Water Alliance, Valley Water Collaborative

4) Nitrate Control Program: Fresno-Clovis Wastewater Reclamation Facilities

- Rosa Lau-Staggs (City of Fresno-Wastewater Manager) and Jeff Stovall (Carollo Engineers) presented the Nitrate Initial Assessment Early Action Plan Implementation – Fresno-Clovis RWRE, and provided a comprehensive overview of the Nitrate Initial Assessment and Early Action Plan covering outreach, conditional approval and current status update.

5) Prioritization and Optimization Study

- Richard Meyerhoff and Tom Grovhoug presented the Prioritization & Optimization Study Final Integrated Scope of Services for the P&O Work Plan. A final Integrated Scope of Services (ISOS) was submitted on October 14, 2021. A Response to Comments matrix was included in the package.
 - The committee discussed the substantive comments and responses in water management, land management, comments from CVRWQCB, additional Central Valley Region context, coordination with CVSC and Executive Committee members on data requests, and incorporation of comment from Debbie Webster on Task 2.4.
 - There was general agreement to include Boron in the collection of data under Task 1.1.
- After discussion, Tim Johnson moved, and Bob Gore seconded, and the Committee voted to approve the Final Integrated Scope of Services (ISOS) with the incorporation of the following additional comments:
 - Task 2.4 – Initial Alternatives Assessment to Close Salt Sustainability Gap and,
 - The inclusion of Boron in the collection of data under Task 1.1
- There were no oppositions. Bruce Houdesheldt/Sac Valley abstained.

6) PEOC Status Update

- Nicole provided an update on PEOC activities.
 - The interactive mapping tool for the CV-SALTS website is being finalized.
 - The committee was asked to provide comments on potential formats for www.cvsalinity.org website re-design no later than Friday, October 29, 2021.

7) Review Meeting Schedule/Location

- PEOC Meeting: **Tuesday, November 16, 2021, 3:00 - 4:00 PM – Conference Call**
- Policy Meeting: **Tuesday, November 18, 2021, Tentatively 9:00 – 3:00 (Final Times TBD) - Zoom**

CV-SALTS Management Zone Program Summary

| Cumulative Totals for 2021 | Updated as of 11/1/21 | Valley Water Collaborative | Chowchilla MZ | Kings Water Alliance | Kaweah Water Foundation | Tule MZ |
|---|------------------------------|-----------------------------------|----------------------|-----------------------------|--------------------------------|----------------|
| Inquiries/Interest/calls | 1,759 | 456 | 17 | 525 | 125 | 636 |
| Initial Estimate of Impacted Wells | | > 5000 | <1000 | >5000 | <1000 | <1000 |
| Testing Applications Submitted | 1,190 | 525 | 4 | 446 | 92 | 123 |
| Ineligible | 384 | 102 | 0 | 185 | 17 | 80 |
| Not Responsive | 161 | 88 | 0 | 31 | 32 | 10 |
| Wells Tested/Scheduled/Known | 551 | 252 | 3 | 239 | 24 | 33 |
| Tested or Known Above 10 Mg/l | 313 | 153 | 3 | 118 | 24 | 15 |
| Average Percent over 10 mg/L | 57% | 61% | 100% | 49% | 100% | 45% |
| Households receiving bottled water | 355 | 176 | 3 | 125 | 30 | 21 |
| Fill Station (FS) Locations | 7 | 0 | 0 | 3 | 2 | 2 |
| FS Average Gallons per Day | 1,179 | 0 | 0 | 270 | 258 | 651 |
| Total Households/equivalents | 945 | | | | | |
| <i>Updated results not available</i> | | | | | | |

Table 5. Preliminary Schedule for Discussion of P&O Study Topics at Executive Committee Meetings through 2022 (including anticipated dates for key decisions)

| Month (2021-2022) | Meeting Topics | Decision Required |
|------------------------------|--|---------------------------------------|
| November 2021 | <ul style="list-style-type: none"> • Kickoff meeting • Funding/Governance Plan • Data requests | |
| January 2022 | <ul style="list-style-type: none"> • Baseline condition overview – Historical information • Data request status | |
| February | <ul style="list-style-type: none"> • Analytical/modeling needs | |
| March | <ul style="list-style-type: none"> • Data Management System (DMS) overview and options for development • Candidate modeling tools | |
| April | <ul style="list-style-type: none"> • DMS evaluation (continued) • Modeling tool selection process/criteria | |
| May | <ul style="list-style-type: none"> • DMS evaluation (continued) • Modeling tool evaluation | |
| June | <ul style="list-style-type: none"> • Select DMS approach • Modeling tool evaluation (continued) • Sensitive beneficial use research findings | Select DMS development approach |
| August | <ul style="list-style-type: none"> • Modeling tool evaluation (continued) • Candidate archetype area criteria • Salt Management Regions (SMRs) - Selection criteria development | |
| September | <ul style="list-style-type: none"> • Select modeling tool selection • Candidate archetype area options • SMRs Evaluation/Options | Select tools/models |
| October | <ul style="list-style-type: none"> • Select archetype areas • Select SMRs • Policies to support numeric target development | Select archetype areas Select SMRs |
| November | <ul style="list-style-type: none"> • Policies to support numeric target development | |

Table 1. Key Decisions Planned for 2022 Executive Committee (EC) Meetings (Based on Integrated Scope of Services [ISOS])

| Month | Decision | 2022 Monthly Process to Get to Decision |
|-----------|--|--|
| June | Select Data Management System (DMS) Approach | <ul style="list-style-type: none"> • March <ul style="list-style-type: none"> – Presentation to illustrate DMS – functions, uses, etc.- precursor to development of a Data Management Plan (ISOS Task 1.2.1) – EC discussion of DMS needs, functionality, etc. to support P&O Study • April <ul style="list-style-type: none"> – Presentation/discussion of Preliminary Draft Data Management Plan, based on outcome of March discussion • May <ul style="list-style-type: none"> – Present Revised Draft Data Management Plan – Establish small group to work with Contractor during demo version development (ISOS Task 1.2.2) • June (or August, if needed) <ul style="list-style-type: none"> – Final demonstration; Final Data Management Plan (potential to move decision to August if more time needed) |
| September | Select Tools/Models | <ul style="list-style-type: none"> • February <ul style="list-style-type: none"> – Presentation of essential analytical/modeling needs to meet P&O Study goals – topics to be addressed outlined in ISOS Task 4.1 • March <ul style="list-style-type: none"> – Presentation of candidate modeling tools necessary to address essential Study needs – initial description and assessment of candidate tools by consultant team as described in ISOS Task 4.1 • April <ul style="list-style-type: none"> – Presentation of straw criteria and process for evaluating candidate tools – assistance in selection of review panelists • May, June and August <ul style="list-style-type: none"> – Evaluation of specific tools using process/criteria selected in coordination with EC – coordination with review panel as described in ISOS Task 4.2 • September <ul style="list-style-type: none"> – Finalize selection of tools |
| October | Select Archetype Study Areas | <ul style="list-style-type: none"> • May <ul style="list-style-type: none"> – Presentation of updated baseline characterization findings to provide context for archetype discussion • June <ul style="list-style-type: none"> – Presentation of findings from literature review and update of sensitive beneficial use thresholds (ISOS Task 3.1.1) • August <ul style="list-style-type: none"> – Presentation of criteria for selection of archetype areas and initial discussion of candidate areas (ISOS Task 3.2) • September <ul style="list-style-type: none"> – Presentation summarizing evaluation of up to four candidate archetype areas; recommendations on top two ranked areas (ISOS Task 3.2) • October <ul style="list-style-type: none"> – Final selection of two archetype study areas |

Table 1. Key Decisions Planned for 2022 Executive Committee (EC) Meetings (Based on Integrated Scope of Services [ISOS])

| Month | Decision | 2022 Monthly Process to Get to Decision |
|---------|--------------------------------------|---|
| October | Select Salt Management Regions (SMR) | <ul style="list-style-type: none"> • May <ul style="list-style-type: none"> – Presentation of updated baseline characterization to provide context for SMR discussion • June <ul style="list-style-type: none"> – Presentation of findings from literature review and update of sensitive beneficial use thresholds (ISOS Task 3.1.1) • August <ul style="list-style-type: none"> – Presentation of SMR selection criteria and preliminary SMR options (ISOS Task 2.2) • September <ul style="list-style-type: none"> – Evaluation of SMR options using selection criteria and discussion with EC (ISOS Task 2.2) • October <ul style="list-style-type: none"> – Selection of SMRs |

Table 2. First Quarter 2022 – Focus of Executive Committee Meeting Discussion

| Meeting | Topic | Areas of Focus/Discussion |
|----------|---|--|
| January | Baseline Condition Overview – Historical Information | <ul style="list-style-type: none"> • Status report by Hydrologic Region, including: <ul style="list-style-type: none"> – Data, reports, studies obtained to date – Recommendations regarding where data augmentation would benefit the study |
| | Data Request – Next Steps | <ul style="list-style-type: none"> • Small group establishment to assist with data augmentation, as needed • Approach to work with the small group to augment data |
| | Funding/Governance Plan | <ul style="list-style-type: none"> • Status of development of the P&O Study Phase I Plan |
| February | Analytical/Modeling Needs | <ul style="list-style-type: none"> • Presentation of essential analytical/modeling needs to meet P&O Study goals – topics to be addressed are outlined in ISOS Task 4.1 |
| March | Data Management System (DMS) Overview and Options for Development | <ul style="list-style-type: none"> • Presentation to illustrate potential uses/functions of a DMS • Discussion of DMS development needs to support P&O Study – work through issues to consider as presented in ISOS Task 1.2.1 |
| | Candidate Modeling Tools | <ul style="list-style-type: none"> • Presentation of candidate modeling tools – necessary to address essential needs – initial description and assessment of candidate tools by consultant team as described in ISOS Task 4. |

Table 3. Data Compilation Summary

| Category | Data Type | Data Compilation Process |
|---------------------------------|---------------------------|--|
| Groundwater | Water Quality | <ul style="list-style-type: none"> • See ISOS Task 1.1 for description of key publicly available data sources (e.g., GAMA, DWR, USGS, etc.) • Some data sets area already available to Contractors, e.g., land use data; crop salinity threshold data; selected irrigation district data • Mining of data available through GSAs • Augmentation of publicly available data by working with entities already participating in P&O Study, e.g., agricultural coalitions, dairy program, etc. • Coordination with entities as needed to verify data, e.g., coordination with Coalitions re agriculture land use • Additional augmentation of data through outreach to selected entities facilitated by EC members |
| | Hydrologic Data (Depth) | |
| Surface Water | Water Quality | |
| | Flow | |
| | Water Transfers/ Recharge | |
| | Irrigation Water | |
| Salt Source Data | Agricultural | |
| | CAFO | |
| | Domestic Wastewater | |
| | Industrial Wastewater | |
| | Stormwater | |
| | Irrigation Districts | |
| | Water Suppliers/Purveyors | |
| | Water Transfers/Recharge | |
| Other | | |
| Land Use | | |
| Crop Salinity Threshold & Yield | | |

PHASE I GOVERNANCE PLAN

- CVSC governance structure, e.g.:
 - Organizational and reporting structure
 - Roles and responsibilities within the organization
 - Communication procedures
 - Decision-making, voting and dispute resolution procedures
- Administrative procedures to support P&O Study, e.g.:
 - Coordinate with Executive Committee to facilitate stakeholder participation/task execution;
 - Secure resources needed to support implementation;
 - Develop, approve, and manage the annual P&O Study budget;
 - Coordinate with relevant agencies, e.g., Central Valley Water Board/State Water Board;
 - Support stakeholder outreach efforts; and
 - Support preparation of annual briefings and regulatorily required progress reports.
- Procedures to revise the Governance Plan, if needed during the P&O Study

PHASE I FUNDING PLAN

- CVSC Developed a fee structure applicable to permittees and other Phase I contributors (if any)
- CVSC developed a website and process to collect fees and document participation in Study
- CVSC instituted procedures for permittees that have not paid fees for the prior year (Back Fees) or are late in their payments (Late Fees)
- Actions (Grants or etc.) planned to secure other funding to augment or offset permittee fees
- Procedures to revise the Funding Plan, if needed
- Recommendations for development of the P&O Study Long-term Funding Plan and initiation of activities to seek state and federal sources of funding for Phase II implementation

2021

1 January

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
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2 February

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3 March

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4 April

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5 May

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6 June

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7 July

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8 August

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9 September

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10 October

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11 November

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12 December

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Notes/Key

Light Red conflicts

[PEOC Committee](#)

2nd or 3rd Thursdays

Executive Committee Meetings

Policy or Admin Calls

Yellow Salty 5

State Board Workshops/Hearings

TAC Meeting

PEOC and MZ Committees

2022

1 January

| Sun | Mon | Tue | Wed | Thu | Fri | Sat |
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2 February

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3 March

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4 April

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5 May

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6 June

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7 July

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8 August

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9 September

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10 October

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11 November

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12 December

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| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

Notes/Key

- Light Red conflicts
- Executive Committee Meetings
- Policy or Admin Calls
- Yellow Salty 5
- State Board Workshops/Hearings
- PEOC Committees
- MZ Support

Committee Meeting Conflicts