

CV-SALTS Executive Committee Meeting

November 8, 2012 9:00 AM to 3:00 PM

Sacramento Regional Sanitation District Offices – Sunset Maple Room
10060 Goethe Rd, Sacramento 95827

Teleconference (218) 339-4600 Code: 927571#

Posted 10.30.12 – Revised 11.07.12

Meeting Objectives:

- Affirm, Revise or Reject Draft Recommendations for Proposed SNMP Implementation Policies
- Identify Technical Support Tasks Needed to Prepare SNMP and Related Basin Plan Amendment

AGENDA

1) Welcome and Introductions - Chair

- a) Committee Roll Call and [Membership Roster](#) -5 min.
- b) Review/Approve Executive Committee [Meeting Notes for October 18, 2012](#)– 5 min.

2) Review SNMP Policy Development Map - Tim Moore - 60 minutes

- a) How and where to all the policy issues fit together?
- b) What's done and what's left to do?

3) Policy Discussion: Review Draft Recommendations - Tim Moore - 60 minutes

- a) Review revised draft recommendations for deleting water quality objectives based on the secondary MCLs from the Basin Plan
- b) Review revised draft recommendations for regulating point sources governed by NPDES permits or WDRs based on projected water quality impacts in a "zone-of-influence" analysis.

11:30 am to 1:00 pm - Lunch on your own

4) Continue Policy Discussion re: Draft Recommendations - Tim Moore - 90 minutes

- c) Review revised draft [recommendations for demonstrating "reasonable protection"](#) of AGR uses dependent on groundwater sources for irrigation supply.

5) Status Update on Technical Studies/Projects

- a) Technical Committee Requests for Review
- b) Authorization or Direction from Executive Committee.
 - Richard Meyerhoff & Nigel Quinn - 15 min.

6) Future Items

- a) Review Calendars ([2012](#) & [2013](#)) - Admin Call dates and times (Dec 7th, & Jan 11th) 5 min.
- b) Confirm date & topics for next Executive Committee Policy Discussions
 - i. January 24, 2013

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

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

CV-SALTS Committee Rosters

Executive Committee Membership			CV-SALTS Executive Committee Meetings During 2012																				
Voters	Category/Stakeholder Group	Name	17-Jan	19-Jan	10-Feb	16-Feb	9-Mar	5-Apr	6-Apr	19-Apr	11-May	24-May	8-Jun	16-Jul	19-Jul	10-Aug	23-Aug	10-Sep	20-Sep	8-Oct	18-Oct	2-Nov	8-Nov
Leadership Partners																							
1	Central Valley Water Board	Pamela Creedon	✓	✓	✓	✓		✓		✓		✓		✓		✓		✓		✓		✓	
Alt	Central Valley Water Board	Jeanne Chilcott	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	State Water Resources Control Bd.	Darrin Polhemus		✓		✓		✓		✓					✓		✓		✓		✓		
3	Department of Water Resources	Jose Faria																					
Alt	Department of Water Resources	Ernie Taylor		✓				✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	
4	US Bureau of Reclamation	Jobaid Kabir									✓	✓			✓				✓		✓		
5	Environmental Justice	TBD																					
6	Environmental Water Quality	TBD																					
CV Salinity Coalition																							
1	CASA	Bobbi Larson																					
2	County of San Joaquin	Mel Lytle																					
Alt	County of San Joaquin	Brandon Nakagawa																					
3	CVCWA	Debbie Webster	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓
4	City of Fresno	Steve Hogg																					
5	CA League of Food Processors	Trudi Hughes	✓					✓															
Alt	CA League of Food Processors	Rob Neenan								✓		✓					✓		✓		✓		
6	Wine Institute	Tim Schmelzer			✓	✓				✓								✓	✓		✓		
Alt	Wine Institute	Chris Savage						✓															
7	City of Tracy	Steve Bailey																					
8	Sacramento Regional CSD	Linda Dorn	✓	✓		✓				✓		✓			✓		✓		✓		✓		
9	San Joaquin River Group	Dennis Westcot		✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓	✓	✓	✓	
10	City of Modesto	Gary DeJesus																					
11	California Rice Commission	Tim Johnson	✓	✓	✓					✓	✓							✓		✓		✓	
12	City of Manteca	Phil Govea																					
13	Tulare Lake Drainage/Storage District	Mike Nordstrom		✓		✓	✓	✓			✓	✓	✓		✓		✓		✓	✓	✓	✓	
14	Stockton East Water District	Karna Harrigfeld		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	✓
15	Western Plant Health Association	Renee Pinel																					✓
16	City of Vacaville	Royce Cunningham		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
17	Dairy Cares	J.P. Cativiela	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Comm. Chairs/Co-chairs																							
1	Chair Executive Committee	Parry Klassen	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	Vice Chair Executive Committee	Jeff Willett	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
*	Technical Advisory Committee	Roger Reynolds	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	Technical Advisory Committee	Nigel Quinn, LBL	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	Public Education and Outreach	Joe DiGiorgio	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Economic and Social Cost Committee	David Cory	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
5	Lower San Joaquin River Committee	Dennis Westcot	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

* = Already votes as Leadership or Coalition member

Participants also identified for 11/02:

- _____ [David Orth, SSWVWQC](#)
- _____ [Fern Wilson, City of Vacaville](#)
- _____ [Tom Grovhoug, LWA](#)
- _____ [Richard Meyerhoff, CDM](#)
- _____ [Karen Ashby, LWA](#)
- _____ [Michael Mosley, USBR](#)
- _____ [David Orth, SSWVWQC](#)
- _____ [Mike Johnson](#)
- _____
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Past Participants:

- | | | |
|--|--------------------------------------|--|
| Tess Dunham, Somach | Tom Griffith, Envirotech | Cindy Paulson, CUWA |
| Pam Buford, CVRWQCB | John Herrick | Geoff Anderson, DWR |
| Karl Longley, CVRWQCB | Katy Walsh | Dan Odenweller, RWQCB |
| Gary Carlton, Kennedy/Jenks | Mark Gowdy, SWRCB, Water Rights | Danny Merkely, California Farm Bureau |
| Stan Gryczko, City of Davis | Betty Yee, RWQCB | Emily Alejandrino/Jim Martin, CVRWQCB |
| Clay Rogers, CVRWQCB | Jamil Ibrahim, MWH Global | Emily Robidart Rooney, Ag Council |
| Bruce Houdesheldt, NCWA/Sac Valley WQC | Rik Rasmussen, SWRCB | Gail Cismowski, CVRWQCB |
| John Dickey, Plantierra | Jodi Pontureri, SWRCB | Jenny Skrel, Ironhouse Sanitary District |
| Claus Suverkropp, LWA | Mark Felton, Culligan Water and PWQA | Erick Althorp SSIWQC |
| Laurel Firestone, CWC | Adam Maskal, Provost & Pritchard | Mark Dorman, Rainsoft Water PWQA |
| Jennifer Clary, CWA | Stan Dean, SRCS | Rick Staggs, City of Fresno |
| Paul Sousa, Cares/WUD | Melanie Thomson, CUWA | Robert Chrobak and Stuart Childs Kennedy/Jenks |
| Tim Moore, Risk-Sciences | Gene Lee, Reclamation | <i>Jim Strandberg, EKI</i> |
| Penny Carlo, Carollo Engineers | Paul Martin, WUD | Mary Junqueiro, Western Plant Health Assoc. |
| Tony Pirondini, City of Vacaville | | Mark Larsen, Kaweah Delta WCD |
| Roberta Tasse, USBR | | |

CV-SALTS Executive Committee Meeting - Summary Action Notes

For October 18, 2012 9:00 AM to 3:00 PM

Attendees are listed on the Membership Roster

Meeting Objectives for October 18th:

- Affirm, Revise or Reject Draft Recommendations for Proposed SNMP Implementation Policies
- Identify Technical Support Tasks Needed to Prepare SNMP and Related Basin Plan Amendment

AGENDA

1) Welcome and Introductions

- a) Chair Parry Klassen brought the meeting to order, and roll call was completed.
- b) Dennis Westcot moved to approve, and David Cory seconded, and by general acclamation the September 20th action notes were approved.

2) Policy Discussion: Review Draft Recommendations – AM Session

- a) Tim Moore summarized the committee's 2012 policy session activities to date:
 - Early identification of priority tasks,
 - Concentrated focus on four large topic areas,
 - Distillation of key principles
 - And narrowing focus on a key set of issues to reach conclusion near term, for the purpose of demonstrating progress before the State Board in December.
- b) The committee spent the remainder of the morning session discussing the “reasonable protection” of AGR uses, using the [AGR Salinity Objectives Flowchart](#) as a basis for discussion.

3) Continue Policy Discussion re: Draft Recommendations – PM Session

- Karl Longley briefed the committee on the [Central Valley Salinity Conference](#) to be held November 15th-16th at the Cal/EPA building.
- c) The committee resumed the morning discussion of “reasonable protection” of AGR uses. The [AGR Salinity Table](#) was also used as a basis for discussion.
- d) Preparations for progress report to SWRCB:
 - Jeanne Chilcott reminded committee members the report is due at the end of the month.
 - Based on discussions from the 10/8 Admin Meeting, Daniel Cozad and Richard Meyerhoff will propose workplan adjustments to address the budget shortfall. These will be emailed to committee members for review. Adjustments to the workplan and timeline will be discussed further at the November 2nd Admin meeting.
 - Daniel Cozad reminded committee members the Stakeholder Contribution forms must be submitted no later October 26th.
- Debbie Webster requested a draft of the 2013 Meeting Calendar be provided before the November Admin meeting.

4) Status Update on Technical Studies/Projects

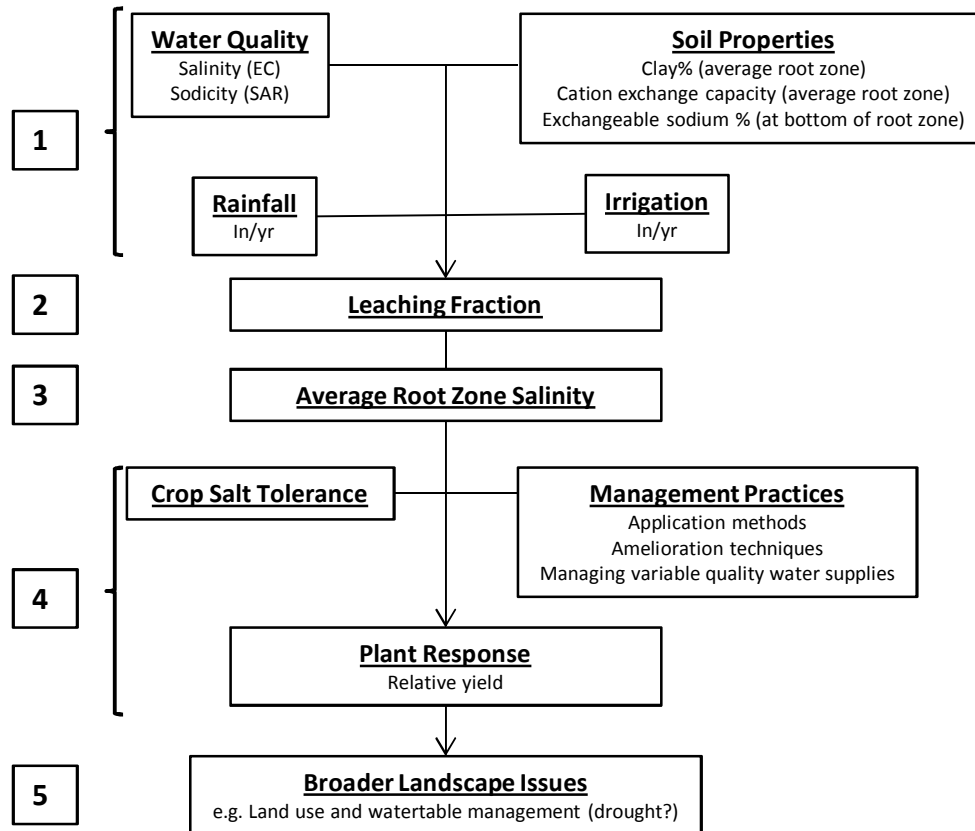
- This item was not covered.

5) Future Items

- The next Administrative Meeting/Call will be November 2nd; the next Policy Session is scheduled for November 8th.

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Figure 4.2.1. Flow diagram for evaluating salinity and sodicity impacts of irrigation water (Appendix from Australia and New Zealand Salinity Related Water Quality Guidelines for Irrigation)



1. Identify the soil properties, water quality, climate (rainfall) and management (irrigation application rates) practices for the site (*management zone*) in question
2. Estimate the leaching fraction under the proposed irrigation regime. . .
3. Estimate the new average root zone salinity. . .
4. Estimate relative plant yield (although note that the impact of salinity and sodicity can be modified by management practices as discussed later. . .
5. Consider salinity and sodicity problems within the framework of broader catchment issues such as regional watertables, groundwater pollution and surface water quality. Watertable salinity develops in response to excess water and salts accumulating in sensitive parts of the landscape. Excess water can percolate to groundwaters as a result of changing climatic patterns (e.g. frequency and duration of rainfall events), land use or land management (including irrigation). Before an irrigation scheme is developed, the planning process should include investigation of the regional hydrogeology to avoid development of watertable salinity. The guidelines given here concentrate on localized effects of irrigation, but broader salinity issues should not be ignored. . .

Potential Policy Statements

- The AGR beneficial use will be considered reasonably protected if salinity water quality concentrations meet the objectives identified in Table X for the given management zone. (*from AGR Zone study*)
 - To develop site specific objectives, the process outlined in Figure 4.2.1 will be utilized with the following defaults unless technical data justifies reasonable alternatives:
 - Average annual rainfall and irrigation amounts will be calculated for the available period of record but not less than 20-years.
 - A 15% leaching fraction.
 - Crops evaluated will represent 95% of the commercial acreage over the previous 20 years and those anticipated to be commercially viable at current average EC concentrations.
 - Commercial acreage are those that gross more than \$1,000/year.
 - A commercially-viable crop has comprised more than 5% of the cultivated land within the area under review in any year during the previous 20-years or is likely to do so in the next 10-yrs given current planting trends.
 - No more than 5% yield reduction in any single year for the most salt sensitive of the crops evaluated.
 - Use of the Hoffman model (ref) or equivalent to calculate EC objectives
- For Groundwater. . . (Tim's discussion)*
- For areas outside of management zones identified in Table X and in absence of site-specific data to the contrary, EC levels less than 700 uS/cm are presumed to reasonably protect AGR. (*or Tim's table?*)
 - Where annual average water quality (irrigation season since 1968) documents lower salinity than the established water quality objective to protect AGR, the state antidegradation policy shall apply.
 - An exception (waiver) to established EC or SAR limits for the protection of AGR beneficial uses may be made when affected landowners request use of the water and thereby accept any potential risk to crop production on their lands. The exception will only be granted in association with an irrigation management plan that provides reasonable assurance that the lower quality water will be confined to the targeted lands and not impact other applicable beneficial uses within the target area or downstream.

Drought??

CV-SALTS Meeting Calendar

2012

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

2nd or 3rd Thursdays

Dark Green Exec Comm Policy

2nd or 3rd Tuesdays

Lt. Green Hatch Exec Comm Admin

First Monday except conflicts

Yellow Salty 5

Light Red conflicts

✗ Dates Recommended Dark

CV-SALTS Meeting Calendar

2013

1 January

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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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22	23	24	25	26	27	28
29	30	31				

Notes	
2nd or 3rd Thursdays	
Dark Green Exec Comm Policy	
CEQA Scoping in <u>Dark Green</u>	
2nd or 3rd Tuesdays	
Lt. Green Hatch Exec Comm Admin	
First Monday except conflicts	
Yellow Salty 5	
Lower San Jaquin River Committee	
Light Red conflicts	
Third Thursday Exceptions	
January 24 vs 17th due to CASA	
Dark in July & December for Policy	
Nov 14 vs 21 due to Thanksgiving	
Second Friday Exceptions	
April due to RWQCB meeting	
December 3 State Board Presentation	