CV-SALTS Executive Committee Meeting  
June 16, 2011 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 6-14-11

Meeting Objective:

- To review the revised "Test Consensus" discussing the basis for designating, de-designating or subcategorizing MUN waters.

- To review the "Test Consensus" discussing the basis for designating, de-designating or subcategorizing AGR waters (summary of previous meeting 5/12/11).

AGENDA

1) Welcome and Introductions Chair  
   a) Review/Approve Revised Executive Committee Meeting Notes for May 12, 2011 – 2 min  
   b) Review/Approve Executive Committee Meeting Notes for May 24, 2011 – 2 min  
   c) Committee Roll call and Membership Roster  
      - Introduce new format for Membership Roster – Daniel Cozad – 2 min

2) Program Status Update – Tim Moore – 1 hour  
   Review revised Schedule of Policy Discussions and provide general overview of project to date.

3) Review Test Consensus Summary revision for MUN – 2 hours

Lunch on your own

4) Review Test Consensus Summary for AGR – 2 hours

5) Set next meeting dates and objectives (June 23, and July 21, 2011)

6) Future Items  
   a. All administrative items are deferred to the June 23, 2011 Executive Committee Conference call.

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
CV-SALTS Executive Committee Meeting  
May 12, 2011 9:00 AM to 3:00 PM  
Sacramento Regional Sanitation District Offices – Sunset Maple Room  
Teleconference (218) 339-4600 Code: 927571#

Attendees are listed on the Membership Roster

AGENDA

1) Welcome and Introductions Chair
   - Meeting was brought to order by Vice Chair, David Cory, and roll call was completed.
   - Joe DiGiorgio moved to approve, and Nigel Quinn seconded, and by general acclamation the April 22, 2011 meeting action notes were approved.

2) Review Test Consensus Summary for MUN – Morning Session
   - The morning session was dedicated to a review and discussion of sections I through XVI of the Test Consensus Summary for MUN.
   - Sections I through XVI of the Test Consensus summary are recommended clarifications to implement specific sections (1, 2 & 4), and facilitate implementation, of State Water Resources Control Board Resolution No. 88-63.
     - Item IB – it was agreed through general consensus that the committee agrees with the State Board’s decision in Vacaville as a stand-alone criterion.
     - Other conditions under item I fall under “weight of evidence”
   - A matrix was proposed to structure a system that subcategorizes MUN into MUN/Public Water Supply and MUN/Domestic Water Supply. The matrix is to include 3 distinctions: Public water supply vs. domestic, existing vs. potential, and surface vs. groundwater.
   - Based on the MUN discussions, a summary of technical questions will be forwarded from the Executive Committee to the Technical Project Manager, in order to determine what surveys are necessary to delineate these subcategories.
   - Also added to the technical tasks list is the GIS re-identification of Category B and C waters (Items VI and VII). The categorization from the 1992 flow chart will be revisited and once reaffirmed submitted to the Executive Committee for agreement on how the water bodies are to be categorized.
   - A critical purpose of the sub-categorization is to provide the specificity needed to build a flexible solution set that can be incorporated into the basin plan amendment.
     - “SPECIFICITY = FLEXIBILITY”
   - Specific changes to be made to the Test Consensus Summary:
     - Replace “treated sewage effluent” with “regulated or other discharges” in IIB
     - Delete IIIA and IIIB
     - Delete the “primary purpose…” language in V
     - Replace “presently being attained” with “existing” in XIII, and delete category E
   - Based on extension discussions on the Test Consensus Summary Tim Moore will be drafting a major rewrite of the current proposal, separating ground water from surface water so they are more distinct, and will also be laying out a straw-man proposal for presentation at the June 16th committee.

3) Basin Plan AGR Designations – Afternoon Session
   - The afternoon session was based on the responses submitted by committee members to Homework Assignment #2 on AGR designations.
   - It is a recommendation from Risk-Sciences that the Technical Committee be tasked with compiling specific crop data on what is actually being grown (e.g., who is raisin’ raisins, and
where), at what commercial levels, broken down by acres and yields; such that CV-Salts can begin to approach the AGR beneficial use in the same manner as other uses.

4) Set next meeting dates and objectives
   ➢ The next Executive Committee Meeting dates are May 24th (teleconference only), and June 16th.
   ➢ The May 26th policy meeting was cancelled to allow Tim Moore additional time to draft a major re-write of the test consensus summary.

5) Future Items
   ➢ All pending administrative items to be covered on the May 24th conference call.

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CV-SALTS Executive Committee Meeting
May 24, 2011 10:30 AM to 12:00 PM
Teleconference Only

(605) 562-3000 Code: 512148#

Attendees are listed on the Membership Roster

AGENDA
1) Welcome and Introductions Chair
   ➢ The meeting was brought to order by Vice Chair, Jeff Willett, and roll call was completed via email. David Cory took over as chair later in the call.
   ➢ a. The approval of the May 12th meeting notes was carried forward to the June 16th meeting pending revision as requested by Jeanne Chilcott.
   ➢ b. The membership roster is being revised and the new version will be utilized beginning with the June 16th meeting.

2) Water Quality Criteria RFP Status
   ➢ The RFP has been released to potential proposers, including all available university contacts, as discussed at the last meeting. Two consulting organizations have confirmed they will submit proposals. The LSJR committee will review and make recommendations that will be forwarded to the Executive Committee for the June meeting.

3) 2011 CV-Salts Progress Milestones Status Updated and Program Funding
   ➢ In addition to the written table provided in the package, Daniel Cozad provided a brief status update of the progress in the following areas: Knowledge Gained Committee framework, Technical Project Manager (see item 4 below), Management Practices Committee, and the updated Policy Strategy & Framework.

4) Technical Project Manager RFQ Review
   ➢ Daniel Cozad will review and incorporate the final revisions submitted by Jeanne Chilcott and submit to the Technical Project Manager Subcommittee for a final review before release on May 30th. Proposed timetable is as follows:
     o Submissions due 7/1
     o Review by Committee between 7/1-15
     o Executive Committee approval on or before 7/21
     o Drainage Authority approval by 8/2
     o Execution of Agreement by 8/15
   ➢ Debbie Webster moved that the RFQ be approved and released, subject to the above final revisions, Nigel Quinn seconded, and by general acclamation the motion was approved.

5) Management Practice Subcommittee Update Status
   ➢ Parry Klassen was unable to be on the call so Daniel Cozad provided the BMP update. In response to a submission by the Regional Board, The Fertilizer, Research and Education Program, (FREP) of the California Department of Agriculture requested the following four concepts be developed further:
     o Concept 1 – Development of a Nutrient Management Training Academy
     o Concept 2 – Support of programs in the development of crop-specific nutrient management templates
     o Concept 3 – Web-based information management tool related to nutrients
     o Concept 4 – Development of Salt and Nitrates Best Management Practices
   Concepts 1 & 4 would be developed by CURES (Coalition for Urban/Rural Environmental Stewardship), on behalf of the Coalition and CV-Salts. Daniel Cozad presented a request from the BMP Committee to the Executive Committee to approve the approach.
Debbie Webster moved to approve the approach and authorize the submittal of the application for the FREP grant for Concepts 1 and 4, with the added clarification that they pertain specifically to fertilizer application. Joe DiGiorgio seconded, and by general acclamation the motion was approved.

Daniel Cozad additionally wanted to express, on behalf of the committee, appreciation for the help and expertise contributed by Renee Pinel and Parry Klassen to this project.

6) San Joaquin Delta Flow and Salinity Standards Update
   - Mark Gowdy was unable to be on the call for this item, but a request will be made for him to provide an update on the June 23rd administrative call.

7) CV-SALTS Website Subcontract Design Update
   - Per Daniel Cozad a contract has been awarded to a firm in Long Beach. Within about two weeks a preliminary site map should be available for review. Anyone interested in participating in an email review of the project should email Daniel. The beta version of the site is estimated to be up near the end of June.

8) Set next meeting objectives and date (June 16, 2011) and conference call date
   - Tim Moore should have a revised Policy Discussion Schedule, an updated MUN Consensus Document, and a first attempt at the AGR Consensus Document prepared some time the first week of June.
   - The next Administrative Conference call was set for June 23rd at 10:00 AM.

9) Future Items
   - An update from Mark Gowdy on San Joaquin Delta Flow and Salinity Standards will be scheduled for the next Administrative Call on 6/23.
   - Tess Dunham will be asked to summarize the recent ruling on City of Tracy v. California State Water Resources Control Board, and its potential impact to CV-SALTS activity. This is also scheduled for the next Administrative Call on 6/23.

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## CV-SALTS Committee Rosters

### CV-SALTS Executive Committee Meetings During 2011

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### 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 | Truth Hughes | ✔ ✔ ✔ ✔ |
| Alt CA League of Food Processors | Mona Shulman | ✔ ✔ ✔ ✔ |
| 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 | Nick Pinhey | ✔ ✔ ✔ |
| 11 California Rice Commission | Tim Johnson | ✔ ✔ ✔ |
| 12 City of Manteca | Phil Govea | ✔ ✔ ✔ |
| 13 Tulare Lake Drainage/Storage District | Mike Nordstrom | ✔ ✔ ✔ ✔ |
| Alt Tulare Lake Drainage/Storage District | Doug Davis | ✔ ✔ ✔ ✔ |
| 14 Stockton East Water District | Karna Harrigfield | ✔ ✔ ✔ ✔ |
| 15 Western Plant Health Association | Renee Pinel | ✔ ✔ ✔ ✔ |
| 16 City of Vacaville | Travis Peterson | ✔ ✔ ✔ |

### Comm. Chairs/Co-chairs

| 1 Chair Executive Committee | Parry Klassen | ✔ ✔ ✔ ✔ |
| 2 Vice Chair Executive Committee | Jeff Willett | ✔ ✔ ✔ ✔ |
| Technical Advisory Committee | Ijobad Kabir | ✔ ✔ ✔ ✔ |
| 3 Technical Advisory Committee | Nigel Quinn, LBL | ✔ ✔ ✔ ✔ |
| 4 Public Education and Outreach | Joe DiGiorgio | ✔ ✔ ✔ ✔ |
| 5 Economic and Social Cost Committee | David Cory | ✔ ✔ ✔ ✔ |

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### Participants Identified for 5/24:

- Pam Buford, CVRWQCB
- Sue Giampietro, The Wine Group
- Bruce Houdesheldt, NCAWA/Sac Valley WQC
- Jim Martin, RWQCB

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### ADDITIONAL PARTICIPANTS:

- Erica DeHollan, LA C
- Karl Longley, CSU Fresno
- Geoff Anderson, DWR
- Tess Dunham, Somach
- Andy Malone, Wildermuth Env.
- Dan Odenweller, RWQCB
- Stan Dean, SRCD
- Chad Dibble, CDWG
- Danny Merkely, California Farm Bureau
- Fern Wilson, City of Vacaville
- David Miller, GEI Consultants
- Emily Alejandrinio/Jim Martin, CVRWQCB
- Rob Neenan, CA League Food Proc
- Gary Carlton, Kennedy Jenks
- Emily Robidart Rooney, Ag Council
- Melanie Thomson, CIWA
- Jami Ibrahim, MWH Global
- Gail Csizmowski, CVRWQCB
- Leila Khalid, Kennedy Jenks
- Jay Simi, CVRWQCB
- Jenny Crouse, Ironhouse Sanitary District
- Jean-Pierre, J.P., Cativila, Dairy
- Jodi Ponturini, SWRCB
- Erick Althorp SSJWQC
- StephenMcCord, LWA
- Claus Suwarkropp, LWA
- Mark Dorman, RainsSoft Water PWQA
- Claudia McCord, LWA
- Stephen McCord, LWA
- Mark Felton, Culligan Water and PWQA
- Tim Moores, Risk Sciences
- Mark Larson, Kaweah Delta WCD
- Mark Gowdy, SWRCB, Water Rights
- Gene Le, Reclamation
- Lou Dambresio, TWS
- Rick Staggs, City of Fresno
- Robert Chrobak and Stuart Childs Kennedy/Jenks
- Ron Crites, Brown and Caldwell

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Package Page 6
Principles for Designating Surface Waters as MUN

1) The MUN use may not be removed or downgraded if it is an existing use.

2) MUN should be considered an existing use if the water has been used as a municipal or domestic supply since November 28, 1975 provided that the surface water diversion occurred in accordance with state and federal law.

3) MUN should be considered an existing use if water quality meets the objectives assigned to protect that use.

4) Systems designed or modified to collect or treat municipal or industrial wastewaters, process waters, mining wastewaters or storm water runoff should not be designated MUN.

5) Systems designed or modified for the primary purpose of conveying or holding agricultural drainage waters, as defined in Regional Board Resolution No. ________, should not be designated MUN.

6) The exceptions identified in #4 & #5 (above) apply only to waters of the state, that are not also waters of the U.S. Federal regulations [40 CFR 131.10(a)] prohibits the state from assigning waste transport as a designated use in any waters of the U.S.

7) Surface waters where the TDS concentration exceeds 3,000 mg/L (5,000 uS/cm EC) should not be designated MUN if the waterbody is not reasonably expected to supply a public water system.

8) At a minimum, the Regional Board will consider the following factors, in a weight of evidence approach, to determine when a waterbody is not reasonably expected to supply a public water system:

   a) The volume and reliability of available flows.
   b) Federal and state laws regulating surface flow diversions.
   c) State laws governing public health and safety.
9) Waterbodies that are not reasonably expected to supply a public water system may be able to serve as a source of drinking water supply for small communities or individuals and should be designated DOM (for "Domestic") where applicable.

10) Waterbodies should not be designated MUN where ephemeral, intermittent or low flows and hydrologic modifications prevent the use from being attain.

11) Waterbodies should not be designated MUN where state or federal law prohibits such surface water diversions.

12) Waterbodies contaminated by natural processes should not be designated MUN provided that the pollution precludes attainment of the use [40 CFR 131.10(g)(1)] and that the contamination cannot reasonably be treated for domestic use using Best Management Practices or best economically achievable treatment practices.

13) Waterbodies contaminated by human activity (unrelated to the specific pollution incident) should not be designated MUN provided that the pollution precludes attainment of the use and that the contamination cannot reasonably be treated for domestic use by using Best Management Practices or best economically achievable treatment or that correcting the contamination would cause more environmental problems than to leave the pollution in place [40 CFR 131.10(g)(4)].

14) At a minimum, the Regional Board will consider the following factors, in a weight-of-evidence approach, to determine when a waterbody is "contaminated" to the point where a MUN use is precluded:

   a) Has the California Department of Public Health recommended against using the waterbody as a drinking water supply because it is an "extremely impaired source?"

   b) Does the discharge of waste, including recycled water, make it unlikely that the waterbody will support a MUN use in the future?

   c) Do one or more pollutants exceed the Maximum Contaminant Level (MCL) or other primary drinking water standard specified by federal or state law?

   d) Is the waterbody on the state's 303(d) list for a pollutant that threatens or impairs a MUN use?
15) At a minimum, the Regional Board will use the following factors to determine when a waterbody cannot reasonably be treated for domestic use:

   a) Surveys of Best Management Practices, including blending, in the water supply industry.

   b) Surveys of Best Economically Achievable Treatment Practices (including flocculation, filtration, and disinfection processes) commonly used by the water supply industry.

   c) Energy consumption, greenhouse gas emissions and other cross-media pollution impacts from advanced waste treatment.

   d) Availability of acceptable alternative supplies at a reasonable price.

16) Where a waterbody is capable of supporting some domestic uses, other than drinking water supply, the Regional Board will consider designating it MUN-2 and establish appropriate site-specific objectives to protect the existing uses.

17) The Regional Board will consider segmenting a waterbody where necessary to ensure more accurate and precise designation of beneficial uses in order to facilitate greater application of integrated water resource management strategies.

18) The Regional Board must continue to establish water quality objectives necessary to protect the designated uses of a waterbody and the designated uses of any downstream waterbody.

19) Where existing water quality is better than necessary to protect the designated use, that higher water quality must be managed in accordance with federal and state antidegradation policies.

20) Where MUN or DOM are determined to be a potential use, but not an existing use, the Regional Board must establish water quality objectives that do not preclude the potential use from being attained if and when other factors constraining the use are eliminated.
Principles for Designating **Ground** Waters as MUN

1) The MUN use should not be removed or downgraded if it is an existing use.

2) MUN should be considered an existing use if the water has been used as a municipal or domestic supply.

3) MUN should be considered an existing use if water quality meets the objectives assigned to protect that use.

4) Ground waters where the TDS concentration exceeds 3,000 mg/L (5,000 uS/cm EC) should not be designated MUN if the waterbody is not reasonably expected to supply a public water system.

5) At a minimum, the Regional Board will consider the following factors, in a weight of evidence approach, to determine when an aquifer is not reasonably expected to supply a public water system:
   a) The available safe yield.
   b) Pre-existing water demands on the same aquifer.
   c) State laws governing public health and safety.

6) Groundwaters that are not reasonably expected to supply a public water system may be able to serve as a source of drinking water supply for small communities or individuals and should be designated DOM (for "Domestic") where applicable.

7) Groundwater sources that do not provide sufficient water to supply a single well capable of producing an average sustained yield of 200 gallons per day should not be designated MUN or DOM.

8) Groundwaters contaminated by natural processes should not be designated MUN provided that the contamination cannot reasonably be treated for domestic use using Best Management Practices or best economically achievable treatment practices.
9) Groundwaters contaminated by human activity (unrelated to the specific pollution incident) should not be designated MUN provided that the contamination cannot reasonably be treated for domestic use by using Best Management Practices or best economically achievable treatment.

10) At a minimum, the Regional Board will consider the following factors, in a weight-of-evidence approach, to determine when a groundwater is "contaminated" to the point where a MUN use is precluded:

   a) Has the California Department of Public Health recommended against using the aquifer as a drinking water supply because it is an "extremely impaired source?"

   b) Does the nearby discharge of waste, including recycled water, make it unlikely that the wells will meet the minimum separation requirements or minimum residence time requirements established by the California Department of Public Health?

   c) Do one or more pollutants exceed the Maximum Contaminant Level (MCL) or other primary drinking water standard specified by federal or state law?

11) At a minimum, the Regional Board will use the following factors to determine when a waterbody cannot reasonably be treated for domestic use:

   a) Surveys of Best Management Practices, including blending, in the water supply industry.

   b) Surveys of Best Available Treatment Technology, including flocculation, filtration, and disinfection, used by the water supply industry.

   c) Energy consumption, greenhouse gas emissions and other cross-media pollution impacts from advanced waste treatment.

   d) Availability of adequate and acceptable alternative supplies at a reasonable and competitive price.
12) Where a waterbody is capable of supporting some domestic uses, other than drinking water supply, the Regional Board will consider designating it LIMITED MUN (MUN-2) and establish appropriate site-specific objectives to protect the existing uses.

13) The Regional Board will consider segmenting an aquifer, laterally or vertically, where necessary to ensure more accurate and precise designation of beneficial uses.

14) Where existing water quality is better than necessary to protect the designated use, that higher water quality must be managed in accordance with the state's antidegradation policy (SWRCB Resolution No. 68-16).

15) Where MUN or DOM are determined to be a potential use, but not an existing use, the Regional Board must establish water quality objectives that do not preclude the potential use from being attained if and when other factors constraining the use are eliminated.
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Sac Regional

APRIL

MAY

JUNE

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Sac Regional

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Sac Regional

SALTS S Coordination Meetings

CV-SALTS Committee Meetings

CV-SALTS Annual Meeting Calendar 2011

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