

Lower San Joaquin River Committee



Agenda Lower San Joaquin River Committee Meeting

TELECONFERENCE ONLY

Teleconference **ONLY** (712) 432-0360 Participant Code: 927571#

WebX meeting information to be provided later

Thursday October 29, 2015, 11:00 AM –

	Item	Action	Time/Lead
1	Welcome, Introductions, Agenda Revisions/Approval, Notes, Announcements a. Introductions b. Review/revise/approve agenda c. Review/approve notes from September 30, 2015 d. Announcements e. Review status of Action Items from August meeting i. Review 11 components needed for implementation of the 2004 Salt and Boron TMDL ii. Follow up with Regional Board staff to get responses to questions about WARMF Appendix B		11:00 – 11:15 All
2	Real Time Management Program	Informational item	11:15 – 11:25 Michael Mosley (USBR) Nigel Quinn (LBNL)
3	Regional Board BPA update	Informational item	11:25 – 11:40 J Brownell, A Littlejohn
4	Committee Products Stakeholder positions document	Informational item	11:40 All
5	Project Schedule Identify future activities and schedule	Informational item	After Item 3 All
6	Review Action Items, Items for Executive Committee and Future Agenda Items		After Item 4 All

2014 - 2015 Meeting Dates

LSJR Committee Members		30-Jul	28-Aug	19-Sep	23-Oct	20-Nov	18-Dec	30-Jan	26-Feb	26-Mar	23-Apr	28-May	25-Jun	23-Jul	27-Aug	30-Sep	29-Oct
Name	Stakeholder Group																
John Beam	Grassland WD/RCD			✓	✓	✓	✓		✓	✓	✓			✓	✓	✓	
Sherman Boone	East Stanislaus RCD																
Jamie Meek	East Stanislaus RCD	✓	✓	✓				✓		✓		✓				✓	
Shawn Carmo	Grassland Water District		✓														
Jeanne Chilcott	CV-RWQCB																
David Cory	San Joaquin Valley Drainage Authority	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Daniel Cozad	CV-SALTS																
Jose Faria	Calif Department of Water Resources																
Jennifer Watts	State Water Resources Control Board	✓	✓									✓				✓	
Karna Harrigfeld	Stockton East Water District	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
John Herrick	South Delta Water Agency				✓					✓							
Jamil Ibrahim	MWH Americas, Inc																
Jobaid Kabir	US Bureau of Reclamation																
Parry Klassen	East San Joaquin Water Quality Coalition																
Tess Dunham	Wastewater Association/Ag industry																
Debra Liebersbach	Turlock Irrigation District				✓			✓		✓	✓		✓	✓		✓	✓
Jim Brownell	CV-RWQCB	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓
Richard Meyerhoff	CDM Smith																
Brandon Nakagawa	San Joaquin County																
Ric Ortega	Grassland Water District		✓														
Nigel Quinn	LBNL - USBR	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Rudy Schnagl	CV-RWQCB																
Mona Shulman	Pacific Coast Producers																
Reggie Dones	US Bureau of Reclamation							✓									
Ernest Taylor	Calif Department of Water Resources	✓	✓	✓	✓		✓										
Diana Waller	USDA - NRCS																
Debbie Webster	Central Valley Clean Water Association	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dennis Westcot	San Joaquin Tributary Authority	✓		✓		✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Amanda Carvajal	Merced County Farm Bureau																
Michael Mosley	USBR	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓
Thaddeus Hunt	State Water Resources Control Board		✓				✓	✓		✓				✓	✓		
Anne Littlejohn	CV-RWQCB								✓	✓	✓	✓	✓	✓	✓	✓	✓
Roberta Howe	Calif Department of Water Resources																
Erich Delmas	City of Tracy									✓							
Tom Orvis	Stanislaus Farm Bureau																
Mike Johnson	LSJR Committee Manager	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Karen Ashby	LWA		✓				✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Bobby Pierce	West Stanislaus Irrigation District									✓		✓		✓			
Peter Rietkerk	Patterson Irrigation District	✓								✓				✓			
Joe Tapia	Calif Department of Water Resources							✓						✓			
Tom Grovhoug	LWA	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
Richie Aranda	Stockton East Water District																
Larry Lindsey	State Water Resources Control Board									✓							
Danielle Moss	LWA	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓		✓	✓	✓
John Clancy	San Joaquin Tributary Association				✓		✓										
Penny Carlo	Carollo Engineers		✓	✓	✓			✓						✓			
Mike Troughon	LWA	✓	✓	✓	✓	✓	✓		✓	✓	✓		✓	✓	✓	✓	✓
Dan Roberts	Twin Oaks Irrigation District	✓	✓	✓					✓					✓			
Joel Herr					✓	✓	✓		✓		✓						
John Dickey	Plantierra	✓	✓	✓	✓				✓								
Joe McGahan	SJVDA																
Diane Madsen	SJVDA																
Gabriel Delgado																	
Dan Steiner								✓	✓								

Lower San Joaquin River Committee



Minutes from September 30, 2015 Meeting of the CV-SALTS Lower San Joaquin River Committee

1. Welcome, Introductions, Agenda Revisions/Approval, Notes, Announcements

- Meeting called to order by Co-Chair, David Cory.
- 09/30 participants are listed on the Attendance Roster.
- There were no revisions/additions to the agenda.
- Review/approve notes from August 27, 2015: - Debbie Webster moved, and Karna Harrigfeld seconded and the 8/27/15 notes were approved.
- The committee reviewed the status of August action items and Announcements/Updates
 - Per Mike Johnson all action items had been addressed.

2. Real Time Management Program - Update

- Michael Mosley – The first meeting of the RTM group for the basin is scheduled for 10/06 in Los Banos, 11:00 – 1:00.
- Nigel Quinn – The results of some of the model runs have made it apparent that at some future stage the basin should explore funding sources for installation of acoustic meters at the end of the tributaries to obtain more accurate information on what is coming into the San Joaquin River.

3. Technical Services Update - Update

- The committee worked through the four documents (Task 4 Report & Appendix D, Task 5 Memo, Task 6 Memo and Task 7 Memo) and made the final revisions in redline during the meeting.
 - Mike Johnson will provide the redline versions to LWA for finalization.
 - The redline versions are available on the LSJRC web site at the following link:
 - ❖ [Redline Version of Files Modified by the Committee on 09.30.15](#)

4. Project Schedule

5. Review Action Items: Items for Executive Committee and Future Agenda Items

Lower San Joaquin River Committee
Development of a Basin Plan Amendment for Salt and Boron in the Lower San Joaquin River
Key Deliverables Developed by the LWA Team (2013-2015)

In 2013, the LWA Team was retained to assist the Lower San Joaquin River Committee (LSJRC) with the development of a basin plan amendment (BPA) for salt and boron in the Lower San Joaquin River (LSJR). The Work Plan identified eight key tasks and a series of deliverables that were requested in order to ultimately assist the Central Valley Regional Water Quality Control Board (Regional Water Board) staff with the development of the BPA and corresponding Staff Report. A summary of the tasks and deliverables that have been completed as a part of this work effort is provided below.

Task 1 – Finalize Draft Agricultural Supply (AGR) EC Objectives

Review the technical comments received on the *Salt Tolerance of Crops in the Lower San Joaquin River Basin (2010)* and provide responses and recommendations for consideration by the LSJRC. Assess the potential for changes in model outcomes when using policy recommendations developed by the CV-SALTS Executive Committee as model inputs.

- “Task 1 – Finalize Draft Agricultural Supply (AGR) EC Objectives” Memorandum – June 19, 2014

Task 2 – Conduct Water Quality and Baseline Salt Loading Characterization

Task 2a – Compile and Update Water Quality and Salt Loading data

Identify, compile, and develop into a database, the available water quality and salt loading data needed for determining baseline salt loading to the LSJR as well as evaluating current water quality conditions within and estimating compliance with water quality objectives being considered for the river.

- “Task 2a – Compile and Update Water Quality and Salt Loading Data” Memorandum – March 4, 2014
- “Updates to the WARMF Database” Memorandum Addendum – June 19, 2014

Task 2b – Update Analysis of Baseline Salt Loading to the LSJR

Using data compiled under Task 2a, use the WARMF model to generate a salt loading analysis that identifies the significant salt sources in the LSJR basin, quantify the salt loading from those sources, and describe the timing of salt loading to the river.

- “Summary of Work Completed: Tasks 2, 3, and 8b” Memorandum – November 12, 2014

Task 3 – Conduct Water Quality Modeling

Task 3a – Identify Potential Ranges of Water Quality Objectives

Using information from Task 1 and Task 8b, identify the constituents and potential ranges of water quality objectives (WQOs) identified for protection of the proposed beneficial uses

- “Summary of Work Completed: Tasks 2, 3, and 8b” Memorandum – November 12, 2014

Task 3b – Conduct Evaluation and Analysis of Existing Water Quality and Compliance with Water Quality Objectives being Considered in the LSJR

Characterize historical ambient water quality conditions at Maze Road and Crows Landing as well as one location upstream of Reach 83, and compare historical ambient data collected at these locations to the proposed WQOs identified in Task 3a.

- “Summary of Work Completed: Tasks 2, 3, and 8b” Memorandum – November 12, 2014

Lower San Joaquin River Committee
Development of a Basin Plan Amendment for Salt and Boron in the Lower San Joaquin River
Key Deliverables Developed by the LWA Team (2013-2015)

Task 4 – Conduct Implementation Planning

Evaluate a range of salinity management alternatives, assess the ability of those alternatives to achieve proposed salinity WQOs in Reach 83, identify a proposed salinity WQO, and identify a program of implementation to achieve the proposed WQO.

- “Task 4 – Implementation Planning for Proposed Salinity Objectives” Report – October 5, 2015

Task 5 – Economic Analysis

Develop a planning level economic analysis for the Preferred Alternative, which provides the costs of implementation for various discharge sectors. The analysis also included the development of planning levels costs for meeting alternative salinity WQOs.

- “Task 5 – Economic Analysis” Memorandum - October 5, 2015

Task 6 – Long-term Monitoring Program

Develop the goals and details of a long-term monitoring and reporting program to determine compliance with the salinity WQOs in Reach 83 as well as the effectiveness of the implementation program.

- “Task 6 – Long-term Monitoring and Reporting Program” Memorandum – October 5, 2015

Task 7 – Substitute Environmental Documentation

Based on other similar efforts by the Regional Water Board, develop an environmental analysis of the proposed WQO and implementation plan for Reach 83.

- “Task 7 – Substitute Environmental Documentation” Memorandum - October, 5, 2015

Task 8 – Central Valley Basin Plan Amendment Documentation

Task 8a – Finalize Beneficial Uses Review

Review and edit a LSJRC document that provided an evaluation of existing and potential beneficial uses in the LSJR as well as proposed Basin Plan language. Provide a recommendation regarding the sufficiency of available technical information to support the proposed modifications.

- “Finalize Beneficial Uses Review” Memorandum – December 5, 2013

Task 8b – Finalize Water Quality Criteria Review

Review salinity criteria, guidelines, and/or proposed benchmarks identified in several Beneficial Use Source documents commissioned by CV SALTS. Provide a summary of the review and use the information to assist in the identification of the potential range of WQOs.

- “Summary of Work Completed: Tasks 2,3, and 8b” Memorandum – November 12, 2014

CV-SALTS Meeting Calendar

2015

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
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15	16	17	18	19	20	21
22	23	24	25	26	27	28

3 March

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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4 April

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5 May

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31						

6 June

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7 July

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8 August

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30	31					

9 September

Sun	Mon	Tue	Wed	Thu	Fri	Sat
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10 October

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11 November

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29	30					

12 December

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27	28	29	30	31		

Notes

Light Red conflicts

2nd or 3rd Thursdays

Dark Green Exec Comm Policy

Fridays at 1:00 pm

Lt. Green Hatch Exec Comm Admin

Yellow Salty 5

Lower SJ River Committee

TAC Meeting

1-May

Regional Board Presents 4-16/17

State Board Presentation 1/20/15

Wednesday Meetings are DRAFT

May be held by Webinar or

in person in Sacramento

June 17th Held at Farm Bureau