Development of Water Quality Objectives for Salinity on the Lower San Joaquin River

	Work Plan Activity	Reference/Source of Information/Activity	Responsible Party	FY 11/12								FY 12/13												FY 13/14											
2				2011		2012												2013												2014					
3				N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J
4	**I. Work Plan Development**																																		
5	Prepare Initial Draft or Outline of LSJR Committee Work Plan		Chair/Reg Bd staff																																
6	Identify Critical Tasks and Prepare Detailed Descriptions		Chair/Reg Bd staff																																
7	Schedule Critical Pathways and Milestones		Chair/Reg Bd staff																																
8	Conduct Internal LSJR Committee Review of Work Plan		LSJR Committee																																
9	Finalize Draft Work Plan		Chair/Reg Bd staff																																
10	Review of Work Plan by CV-SALTS Exec Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Exec Committee/Coalition																																
11	Respond to Comments		Chair/Reg Bd staff																																
12	Finalize LSJR Committee Work Plan		LSJR Committee																																
13	**II. Budgeting/Funding/Financing**																																		
14	Develop Cost Estimates for Each Work Plan Task																																		
15	Prepare a Detailed Revenue and Funding Plan																																		
16	Identify Non-Financial Resources and Inputs																																		
17	Develop the Program Organization and Governance																																		
18	Develop Procedures for Procurement of Needed Services																																		
19	**III. Stakeholder Involvement and Outreach**																																		
20	Develop Procedures for Stakeholder Coordination and Management																																		
21	Outreach and Public Information																																		
22	Periodic Reporting and Communications																																		
23	Record Keeping		Chair/Reg Bd staff																																
26	**IV. Basin Description**																																		
27	Prepare Outline for a Draft Basin Description		Chair/Reg Bd staff																																
28	Conduct Brief Internal (LSJR Committee) Review of Draft Outline		LSJR Committee																																
29	Prepare Initial Draft of Basin Description																																		
31	Conduct Internal (LSJR Committee) Review of Basin Description Draft		LSJR Committee																																
32	Review of Basin Description by CV-SALTS Technical Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Technical Committee/Coalition																																
33	Respond to Comments		Chair/Reg Bd staff																																
34	Finalize Basin Description		LSJR Committee																																
35	Prepare Draft Changes to Basin Plan Language Involving the Basin Description		LSJR Committee																																
36	**V. Historical Water Use and Salinity Buildup in the Basin**																																		
37	Prepare Outline for a Draft Description of the Basin History		Chair/Reg Bd staff																																
38	Conduct Brief Internal (LSJR Committee) Review of Draft Outline Description of the Basin History		LSJR Committee																																
39	Prepare Initial Draft Description of Basin History																																		
40	Conduct Internal (LSJR Committee) Review of Draft Basin History		LSJR Committee																																

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41	Review of Draft Basin History by CV-SALTS Technical Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Technical Committee/Coalition																																
42	Respond to Comments		Chair/Reg Bd staff																																
43	Finalize Description of Basin History		LSJR Committee																																
45	**VI. Problem Statement**																																		
46	Prepare Initial Draft of a Problem Statement Basin Plan Amendment Language		Chair/Reg Bd staff																																
47	Conduct Internal (LSJR Committee) Review of the Draft Language		LSJR Committee																																
48	Prepare Draft Changes to Basin Plan Language Involving the Problem Description		LSJR Committee																																
49	**VII. Review of SJR Beneficial Uses**																																		
50	Select Proposed Beneficial Use Designations		LSJR Committee																																
51	Assignments for Review of Documentation Describing Existing Beneficial Uses		LSJR Committee Chair																																
59	Review Policy Decisions of CV-SALTS Executive Committee/DPH and others		Chair/Reg Bd staff																																
60	Review Beneficial Use Designation Policy from US EPA/State Water Board/Regional Water Board and Factors Required by the Water Code and Clean Water Act		Regional Board Staff/Legal																																
61	Describe and Document Existing Beneficial Uses for the LSJR																																		
62	Prepare Draft Basin Plan Language for Proposed Changes to Designated Beneficial Uses		Chair/Reg Bd staff																																
63	Conduct Internal (LSJR Committee) Review of Draft Language		LSJR Committee																																
64	Review of Draft Beneficial Use Language by CV-SALTS Technical Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Technical Committee/Coalition																																
65	Respond to Comments		Chair/Reg Bd staff																																
66	Finalize Draft Basin Plan Language for Proposed Changes to Designated Beneficial Uses		LSJR Committee																																
67	**VIII. Review of Water Quality Criteria**																																		
68	Identify Constituents of Concern (EC, TDS, Boron, Specific Salts, Etc.)		LSJR Committee																																
69	Review of Applicable Drinking Water Salinity Criteria																																		
74	Review of Aquatic Life Salinity Criteria																																		
80	Wetlands Water Use Salinity Criteria																																		
85	Agricultural Salinity - Stock Watering		Kennedy-Jenks contract																																
91	Agricultural Salinity - Irrigation Uses																																		
99	**IX. Delineation of Water Quality Criteria**																																		
100	Prepare Initial Draft of Water Quality Criteria to be Considered for the Various Beneficial Uses in the LSJR		Chair/Reg Bd staff																																
101	Conduct Internal (LSJR Committee) Review of Draft Water Quality Criteria		LSJR Committee																																
102	Review of Draft Water Quality Criteria by the CV-SALTS Technical Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Technical Committee/Coalition																																
103	Respond to Comments		Chair/Reg Bd staff																																
104	Finalize Water Quality Criteria to be Used for Developing Water Quality Objectives		LSJR Committee																																
105	**X. Review of Established Water Quality Objectives for Salinity**																																		
106	Review State Board Documents on Southern Delta Salinity Objectives																																		
107	Review the Proposed Water Quality Objectives for Salinity in the Southern Delta																																		
108	Review Salinity Water Quality Objectives Established in other Water Bodies																																		

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109	**XI. Water Quality Objectives**																																		
110	Review Policy Decisions of CV-SALTS Executive Committee																																		
111	Evaluate a Range of Water Quality Objectives for Salinity																																		
117	Review Policy Guidance and Compliance with Policy Guidance																																		
125	Finalize a Set or Range of Water Quality Objectives for Further Analysis		LSJR Committee																																
126		Utilize Factors in Water Code Section 13241	LSJR Committee																																
127	Review of Proposed Water Quality Objectives by the CV-SALTS Technical Committee, CV-SALTS Coalition and Regional Board Staff		CV-SALTS Technical Committee/Coalition																																
128	Respond to Comments		Chair/Reg Bd staff																																
129	Finalize Water Quality Objectives for Further Analysis		LSJR Committee																																
130	**XII. Workshop on Beneficial Uses and Water Quality Objectives**																																		
131	Conduct Workshops on Proposed Beneficial Uses and Water Quality Objectives																																		
137	**XIII. Water Quality Characterization**																																		
138	Identify Watersheds for Analysis																																		
142	Identify Water Supply and Water Use in Each Watershed																																		
149	Identify Salt Loading Data Available for Selected Watersheds																																		
156	Update Water Quality Data Base to Current Conditions																																		
161	Identify Missing Salt Loading Data for the Selected Watersheds																																		
163	**XIV. Estimates of Baseline Salt Loading**																																		
164	Identify Tools to be Used for Loading Analysis																																		
165	Identify Significant Salt Sources																																		
166	Quantify Salt Loads from Various Sources																																		
167	Develop Water Balance and/or Salt Budget																																		
168	**XV. Modeling Existing Water Quality**																																		
169	Review and Select a Water Quality Model for Use in Assessing River Salinity Levels																																		
172	Evaluate Whether the Salinity Water Quality Database is Current																																		
177	Conduct Seasonal and Water-year Analysis																																		
180	**XVI. Evaluate Compliance with Proposed Objectives**																																		
183	**XVII. Implementation Planning**																																		
184	Review of Available Resources in the Basin																																		
185	Review of Implementation Actions for the State Water Board Delta Salinity Objectives																																		
186	Review of Implementation Alternatives for the LSJR Basin																																		
200	Develop a Program of Implementation for Who Does What and When and Anticipated Results																																		
202	Define Implementation Authority																																		
211	Develop Screening Tools to Evaluate Potential Management Alternatives																																		
212	Identify a Suite of Strategies for the Implementation Plan																																		
213	Develop a "Strawman" Implementation Plan																																		
214	Identify Critical Implementation Components																																		
215	Implementation Effectiveness and Preliminary Cost Analysis																																		
216	Comments on the "Strawman Implementation Plan																																		

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217	**XVIII. Workshop on Proposed Implementation Alternatives**																																		
223	**XIX. Select the Alternatives to be Analyzed**																																		
224	Review the Changes in Operations and Salt Loading that Must Occur for Each Objective																																		
225	Determine Whether Alternative Falls Within Present Authority																																		
226	Determine Water Quality Conditions that Can Reasonably be Achieved																																		
227	Outline the Economic Impacts of Each Alternative																																		
228	Determine Compliance with Federal and State Laws																																		
229	Determine Compliance with Federal and State Policies and Regulations																																		
238	**XX. Economic Analysis**																																		
239	Conduct a Full Economic Analysis of the Cost of Implementation of the Selected Alternatives																																		
247	**XXI. Long-Term Monitoring and Compliance Reporting**																																		
248	Set the Goals of Monitoring and Compliance Reporting																																		
249	Prepare a Program for Monitoring and Compliance																																		
250	**XXII. Prepare Basin Plan Amendment Language**																																		
251	Draft Basin Plan Amendment Preparation																																		
252	Prepare final Documentation for Presentation to Regional Board Staff																																		
253	**XXIII. Prepare Substitute Environmental Document (SED) and CEQA Documentation**																																		
254	Draft CEQA Functional-Equivalent Documentation																																		