

Table 2: Preliminary Range of Potential Salinity Criteria for Reach 83 of the Lower San Joaquin River by Beneficial Use

Beneficial Use	EC	TDS	Sodium	Magnesium	Calcium	Potassium	Carbonate	Bicarbonate	Chloride	Sulfate	Boron
	dS/m	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
MUN	0.9 - 1.6	500 - 1,000	100 - 200	---	---	---	---	---	250 - 500	250 - 500	---
AGR (Irrigation)	1.55 - 1.71	450 - 910	69 - 115	---	---	---	---	90	106 - 178	---	0.8 monthly avg, 2.0 max, irrigation (Apr-Aug) 1.0 monthly avg, 2.6 max, non-irrigation (Sep-Mar) 1.3 monthly avg for critical water years
AGR (Stock Watering)	1.5 - 4.0	500 - 2,000	50 - 2,000	250 - 500	500 - 1,000	---	---	---	250 - 1,500	250 - 1,000	5.0
PROC	---	---	---	---	---	---	---	---	---	---	---
IND	---	---	---	---	---	---	---	---	---	---	---
POW	---	---	---	---	---	---	---	---	---	---	---
REC-1 (Contact)	---	---	---	---	---	---	---	---	---	---	---
REC-1 (Canoe + Raft)	---	---	---	---	---	---	---	---	---	---	---
REC-2	---	---	---	---	---	---	---	---	---	---	---
WARM	---	---	---	---	---	---	---	---	230	124	1.13
COLD	---	---	---	---	---	---	---	---	230	124	1.13
MIGR-WARM	---	---	---	---	---	---	---	---	*	*	*
MIGR-COLD	---	---	---	---	---	---	---	---	**	**	**
SPWN-WARM	---	---	---	---	---	---	---	---	*	*	*
SPWN-COLD	---	---	---	---	---	---	---	---	**	**	**
WILD	---	---	---	---	---	---	---	---	---	---	---
NAV	---	---	---	---	---	---	---	---	---	---	---

Bold Type:

Beneficial uses in bold type are those for which a potential range of objectives needs to be identified under Task 3a of the Workplan.

Symbols:

* = Used to denote that salinity criteria for protection of the WARM beneficial use would also be protective of the MIGR WARM and SPWN WARM beneficial uses.

** = Used to denote that a salinity criteria for protection of the COLD beneficial use would also be protective of the MIGR COLD and SPWN COLD beneficial uses.