

Parameters
Constituents of Concern and their Effects on Agricultural Water Quality

<i>Parameters</i> Constituents	Effect	Source	Affected Factors	Geographic Area of Concern
Salinity (TDS & EC)	high	seawater, agricultural drainage	crop yield	
Permeability (Adj. SAR)	med			
Sodium (Adj. SAR) <i>EC</i>	med	"	y, sperm	
Chloride	med	"	y sense crops (trees)	Fresh water precip produce
Boron	med	groundwater	y sens. crops	
Alkalinity CA (Carb.) -	med			Greenhouses, CaCO ₃ precip. Infiltration eff.
Sulfates				
Chlorides				Fresh water precip.
Temp		and tributary watersheds		Cold water on Rice germ
Turbidity		Delta during Flood flows, blowout at Central Est.		Plugging in drip

SOURCE: Initial report of the Water Quality Technical Advisory Committee, Bay-Delta Oversight Council, Draft, December 1994

→ Nutrients WW disch
 not included Metals Reused water
 included Recycling.

Algae in Drains, Pluggings
 NO₃ - Beets, Grapes ↑ veg growth.
 Crop concentrations