

LATE REVISION OPTION FOR

Item 10 – Proposed Basin Plan Amendment to Establish Salinity Water Quality Objectives in the Lower San Joaquin River

The revision option under consideration is to replace Section 2a, 2b, and 2c of “*Considerations for NPDES permitted discharges that meet the Vernalis Salinity Control Program requirements are as follows*” found on page xvi of the staff report with the following:

2. Considerations for NPDES permitted discharges to the LSJR are as follows:

- a. When evaluating whether an NPDES point source discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion of the EC WQOs for the Lower San Joaquin River, the Regional Water Board should consider available dilution of the effluent in the receiving water, and may consider dilution as determined down to, but not overlapping, the first downstream diversion that provides AGR irrigation supply or MUN beneficial use.
- b. If an NPDES point source discharge is deemed to have reasonable potential to cause or contribute to an instream excursion above the EC WQOs, water quality-based effluent limits shall be required. For publicly-owned treatment works (POTWs), the water quality-based effluent limitations may be established in terms of EC concentration or total dissolved solids (TDS) loading to account for site-specific consideration of dry weather versus wet weather conditions. However, concentration and loading limits shall not be applied at the same time. When establishing water quality-based effluent limitations for POTWs in terms of TDS loading, an EC to TDS ratio of 0.64 shall be used to convert EC concentrations to TDS concentrations, unless a discharger-specific ratio can be demonstrated. The design average dry weather flow of the POTW shall be used to calculate the TDS loading limits.
- c. For NPDES point source discharges, if water quality-based effluent limits are required:
 - i. effluent limitations for protection of AGR beneficial uses shall be expressed as monthly averages instead of thirty-day running averages;
 - ii. effluent limitations for protection of MUN beneficial uses should be expressed as an annual average.