

Agenda Item XY

Water Quality Control Plan for the Sacramento and San Joaquin River Basins

Amendment addressing the Second Phase of the Control Program for Salt and Boron Discharges Into the Lower San Joaquin River (LSJR)

1 Overview (Jim/Anne)

- Introduction to the proposed Amendment under consideration
 - Phase 2 of Salt and Boron Control Program
 - Establishes EC WQOs and an Implementation Program for the LSJR
- Phase 1 of Salt and Boron Control Program TMDLs for Vernalis WQOs
 - Nonpoint-source discharger options: 1) strict TMDLs for individual dischargers; 2) relaxed TMDLs for discharger participation in a RTMP
 - Point-source discharger TMDL options: 1) discharge limit set as Vernalis EC WQOs; 2) RTMP participation
- Phase 2 Board staff effort
 - CEQA scoping
 - 2010 Crop Salt Tolerance Report
- Phase 2 CV-SALTS effort
 - Formation of the LSJR Committee
 - LSJR Committee responses to public technical and policy comments on Crop Salt Tolerance Report.
 - Characterized baseline water quality and salt loading
 - Completed documentation necessary for WQOs recommendations to Board

2 Beneficial Uses and Sensitivity to Salt and Boron (David)

- LSJR Committee reviewed the Beneficial Uses designated in the Basin Plan for the LSJR
 - Do any need to be removed, modified, or added?
 - (Mention the CV-SALTS studies for stock watering, aquatic organisms, etc.?)
 - Conclusion: No Beneficial Use changes to Basin Plan necessary
- AGR and MUN uses are most sensitive to Salt and Boron

3 Water Quality Objectives (David)

- Potential MUN protection (Anne?)
 - Upper secondary MCL
 - Short term MCL
- AGR Irrigation protection
 - Crop surveys of the LSJR Basin (Jim?)
 - Factors affecting soil water salinity
 - Policy decisions necessary to set AGR WQOs (Panel?)
 - Hoffman modeling of soil water salinity using policy inputs (Jim?)

4 Selection of Preferred Alternative and Development of an Implementation Program (Karna)

- Identified salinity WQOs alternatives (Panel?)
- Feasibility review of Alternatives
 - Modeling of potential implementation scenarios
 - Economics review
- Selection process
- Implementation Program
- Monitoring and Surveillance Program

5. Special Considerations (Panel)

- Extended Dry Periods (David/Dennis?)
- Performance Goal and Basin Plan reopener (Karna?)
- POTW compliance (Debbie W?)

6. Next Steps and Timeline (Jim/Anne)