

Individual Proposal Report

Title San Joaquin River Real-Time Water Quality Monitoring Program

Number D252

Geographic Area San Joaquin Mainstem

Primary Stressor Addressed Water Quality

Project Type Monitoring

Applicant Type State

Recommended Funding \$517,000

Cost Share None

Description Implementation of San Joaquin real-time water quality monitoring program - an interagency program under the San Joaquin River Management Program (SJRMP). Using telemetered stream stage and salinity data and computer models to simulate and forecast water quality conditions along the lower San Joaquin River. Primary goal is to increase the frequency of meeting salinity objectives. Benefits to San Joaquin fall run, other fish species, and water quality objectives. Funding covers first year cost (\$415,000 Operation expenses, \$102,000 for Network expansion). Second and third year funding (\$833,000) was not included.

ERPP Linkage

Zone: San Joaquin River

Ecosystem Elements and Targets (T):

Contaminants

T-1 Reduce losses of fish/wildlife from use of pesticides, hydrocarbons, heavy metals, and other pollutants in basin (Volume II, Page 359)