

Project Summary Sheet

Project Name: Lower Mokelumne

Tracking No: 4008

Location: Along the Mokelumne River between 0.3 mi. w. and 6.5 mi. e. of US 99 nr Lodi

County: San Joaquin

Project Sponsor: San Joaquin County Resource Conservation District

Point of Contact: John Brodie, (209) 946-6456 Ext. 125, rvranglr@hotmail.com

Co-applicant(s): None. East Bay Municipal Utility District will provide monitoring services.

Assembly District: 10 & 26

Senate District: 14

Project Description (including size): The project will provide bank protection and habitat by restoring native riparian trees, shrubs, sedges and grasses and eliminating invasive plant species on four parcels along approximately 3.5 miles of the north bank of the Mokelumne River. It is planned to replant 20% of shrubs and trees and 5% of sedges and grasses in Year 2, and again in Year 3. The project will also breach and set back 2,000 lf of private levee to increase floodplain by 20 acres and instream storage by 100 acre-feet. All work is by permission of the landowners, and no property rights acquisition is proposed.

Flood Benefits: About 1 square mile of the City of Lodi, an unspecified area of the town of Woodbridge, and adjacent farmland are subject to flooding from the Mokelumne River downstream of the project. The project would produce unquantified reduction in bank erosion, and therefore in downstream deposition, potentially reducing damages for about 1,750 housing units and 4,650 people in Lodi and others in Woodbridge. Levee setback and eventual maturity of the woodland plantings would provide some transient storage to help reduce peak stages. Vegetation could also help filter out pollutants.

Agricultural Benefits: The project may provide unquantified reduced sediment deposition in floods, and may encourage other riverfront landowners to restore riparian habitat.

Agricultural Land Conserved, acres, if any: Not quantified.

Wildlife Benefits: Project will expand valley foothill riparian habitat and provide wildlife corridors. Expanded habitat would contribute to breeding, over-wintering and migration stopover area for birds, and increase the likelihood that anadromous fish restoration programs would be successful. Four other riparian restoration projects comparable to one of this project's sites are planned or underway in the immediate vicinity. The project is expected to improve

conditions for Swainson's hawk, willow flycatcher, warbling vireo, bank swallow, yellow warbler, common yellowthroat, Wilson's warbler, yellow-breasted chat, song sparrow, black-headed grosbeak, and blue grosbeak. Plantings would include valley oak, Fremont's cottonwood, sycamore, white alder, box elder, Oregon ash, California grape, California rose, blue elderberry, buttonbush, and willows, all from seed collected in the Mokelumne watershed. Exotics such as tree of heaven, Himalayan blackberry, saltcedar, and perennial pepperweed would be removed.

Wildlife Habitat Conserved, acres, if any: Not quantified.

Total area conserved: Not quantified.

Other Benefits: Incidental groundwater recharge.

<u>Total Cost:</u>	\$2,042,752.85
<u>FPCP Cost:</u>	\$1,604,880.20
<u>Funding Partners and Share of Cost:</u>	
In kind contribution (EBMUD)	\$192,500.00
Additional unspecified source	245,372.65