

San Joaquin River Riparian Habitat Restoration Program (SJRRHRP)



San Joaquin River Riparian Habitat Restoration Program Goals

Since 1997, SJRRHRP has focused on:

- bringing together diverse interest groups to promote the development of consensus based riparian restoration and
- obtaining or developing restoration information to fill data gaps and fulfill the goals of the riparian program.



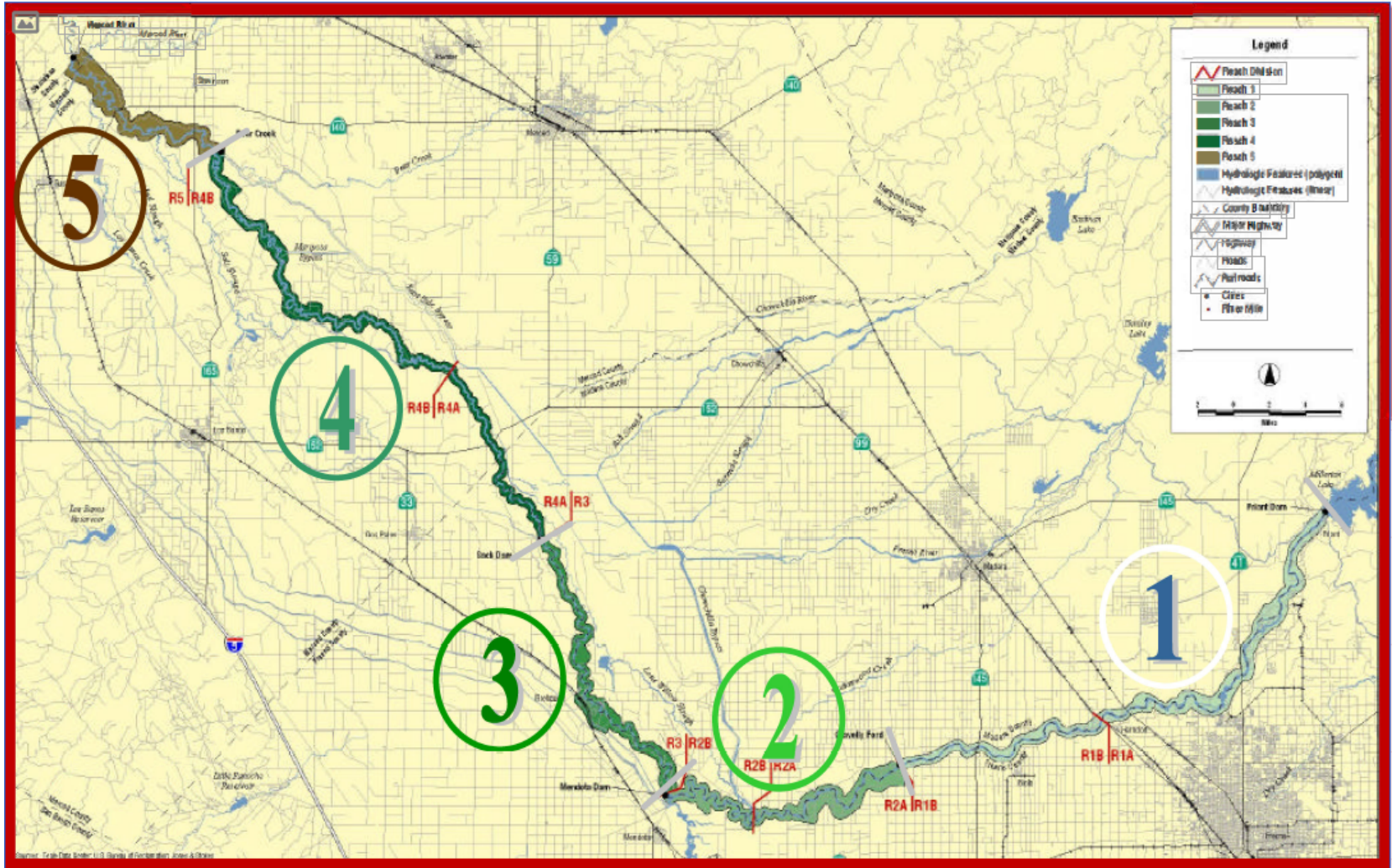
SJRRHRP Management Team

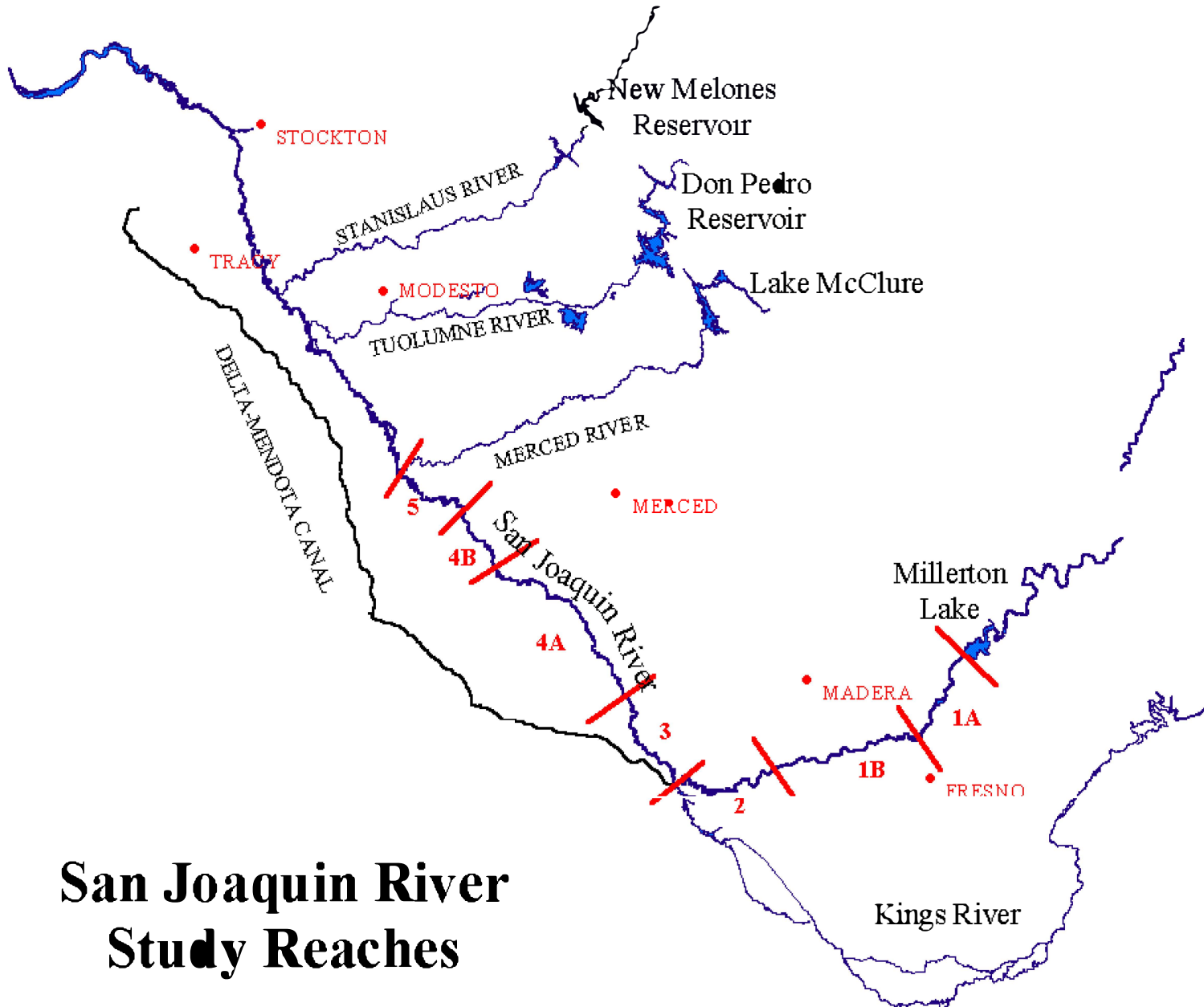
Agencies:

- Friant Water Users Authority
- Natural Resources Defense Council
- Pacific Coast Federation of Fishermen's Association
- San Joaquin River Exchange Contractors Water Authority
- U.S. Fish and Wildlife Service
- U.S. Bureau of Reclamation



Restoration Study Area: 5 Reaches





San Joaquin River Study Reaches

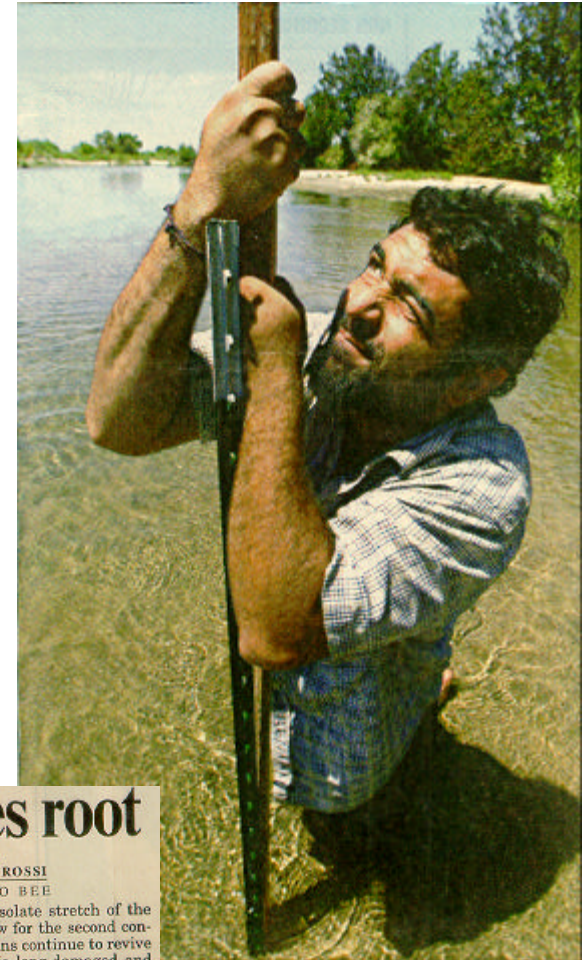
Pilot Projects: 1999-2001

**Secured/generated water supply
for riparian projects**

**Restored flows to historically dry
reach 2 for experimental
purposes**

**Established and maintained
riparian vegetation**

**Conducted monitoring and data
collection**



FY02 Accomplishments

- Continued to participate in the restoration planning efforts for the 167-acre Jensen River Ranch
- Continued to participate in the restoration planning efforts for the 286-acre Milburn Unit and the 33.6-acre Hansen Farm, both located in the San Joaquin River Ecological Reserve

**Milburn-Hansen Unit
Gravel Pit Restoration Project**



FY02 Accomplishments

Contractors completed reports on a variety of multi-year studies and analyses:

- “Baseline Vegetation and Physical Variable Data Collection Summary – San Joaquin River Pilot Project 2000”
- “Riparian Vegetation of the San Joaquin River” – from Friant Dam to the confluence of the Merced River
- Draft of the 2001 SJRRHRP Pilot Project findings



FY02 Accomplishments

Point Reyes Bird Observatory services obtained to begin baseline data collection for a long-term bird monitoring program



Great Blue Heron Rookery



FY02 Accomplishments

Obtained San Joaquin River Parkway and Conservation Trust services to develop an invasive plant removal program and revegetation management strategy



Native Willow



Arundo (Giant Cane)



FY02 Accomplishments

- Supported river education and outreach efforts (i.e. “Working at the Watershed Level” workshop, local partnership to plant oak seedlings and cottonwood cuttings, etc.)
- Identified 9 hypotheses about selected analytical tools and the overall behavior of the river that could be tested in Reach 1 and portions of Reach 2



In FY03, \$1.5 million proposed for:

- Program Management & Technical Support
- Environmental Compliance
- Resource Management



Gravel Pit Operation in Reach 1 below Friant Dam



In FY03 for Program Management and Technical Support:

- Continue to develop data, reports, maps, etc. and update the program's website for accessibility of the information by others
- Continue to support FWUA and NRDC restoration planning activities
- Administer SJRRHRP contracts, programs, budget, environmental, and ESA activities



In FY03 for Environmental Compliance:

- Prepare appropriate environmental analyses to evaluate experimental projects
- Complete environmental compliance actions required for restoration-related projects and programs.



Valley Elderberry Beetle Habitat

In FY03 for Resource Management:

- Implement an invasive plant removal program
- Continue efforts to implement a real-time monitoring program
- Continue the avian monitoring program
- Continue river education and public outreach efforts
- Continue mitigation funding for San Joaquin River levee maintenance



FY03 Resource Management (continued):

- Design a program to evaluate the effects of saline soil on riparian tree and shrub establishment
- Conduct river cleanups in specific areas
- Design and implement restoration or experimental projects along the river



FY03 SJRRHRP Program and Budget Summary

Program Management and Technical Support	\$245,000
Environmental Compliance	\$255,000
Resources Management	<u>\$1,000,000</u>
<i>Total Request:</i>	\$1,500,000