

Adoption of the San Joaquin County Water Management Plan

Presented to the Directors of the:

**San Joaquin County Flood Control
and Water Conservation District**

May 14, 2002

Water Management Plan Mission

Develop a comprehensive plan to provide San Joaquin County with reliable water supplies in order to sustain the social, environmental, and economic viability of our community.

Stakeholder Agency Involvement

- **Creation of Water Management Plan Steering Committee**
 - **Input from 29 Local, State and Federal Agencies**
- **Meeting Facilitation Provided by California State Department of Water Resources**
- **Eleven Steering Committee Meetings Held Monthly**
- **Member Input Integrated into Water Management Plan**

List of Stakeholder Agencies

Banta-Carbona Irrigation District

Calaveras County Water District

California Water Service

Central Delta Water Agency

**Central San Joaquin Water
Conservation District**

City of Escalon

City of Lathrop

City of Lodi

City of Manteca

City of Ripon

City of Stockton

City of Stockton MUD

City of Tracy

Department of Water Resources

East Bay Municipal Utility District

North Delta Water Agency

**North San Joaquin Water
Conservation District**

Oakdale Irrigation District

**San Joaquin County Board of
Supervisors**

**San Joaquin County Environmental
Health**

San Joaquin County Farm Bureau

San Joaquin County Public Works

**San Luis & Delta-Mendota Water
Authority**

South Delta Water Agency

South San Joaquin Irrigation District

Stockton East Water District

Army Corps of Engineers

Bureau of Reclamation

Woodbridge Irrigation District

Water Management Plan Objectives

- **Identify Viable Water Supply & Conjunctive Use Options**
- **To Prevent Further Overdraft of the Northeastern Groundwater Basin**
- **To Eliminate Further Intrusion of Saline Groundwater From Bay-Delta**
- **Meet San Joaquin County's Future Water Demand**

Plan Content

■ Evaluation of Water Supply & Future Demand

- Countywide Water Usage
- Estimated 2030 Water Demand
- Integrated Groundwater-surface Water Model

■ Water Supply Alternatives

- Potential Surface Water Sources & Conjunctive Use Options
- Water Transfers & Conservation
- Prioritized List of Potential Water Project Alternatives

■ Management Framework and Organizational Structure

■ Funding Options

■ Recommended Implementation Strategy

Potential Project Alternatives

■ Surface Water Supply

- Mokelumne River Water and Power Project
- American River Water Rights Filing
- Freeport Regional Water Project
- City of Stockton Delta Diversion Project

■ Conjunctive Use & Groundwater Banking

- Stockton East Water District Farmington Groundwater Recharge and Seasonal Wetlands Project
- North San Joaquin Water Conservation District Groundwater Recharge Project

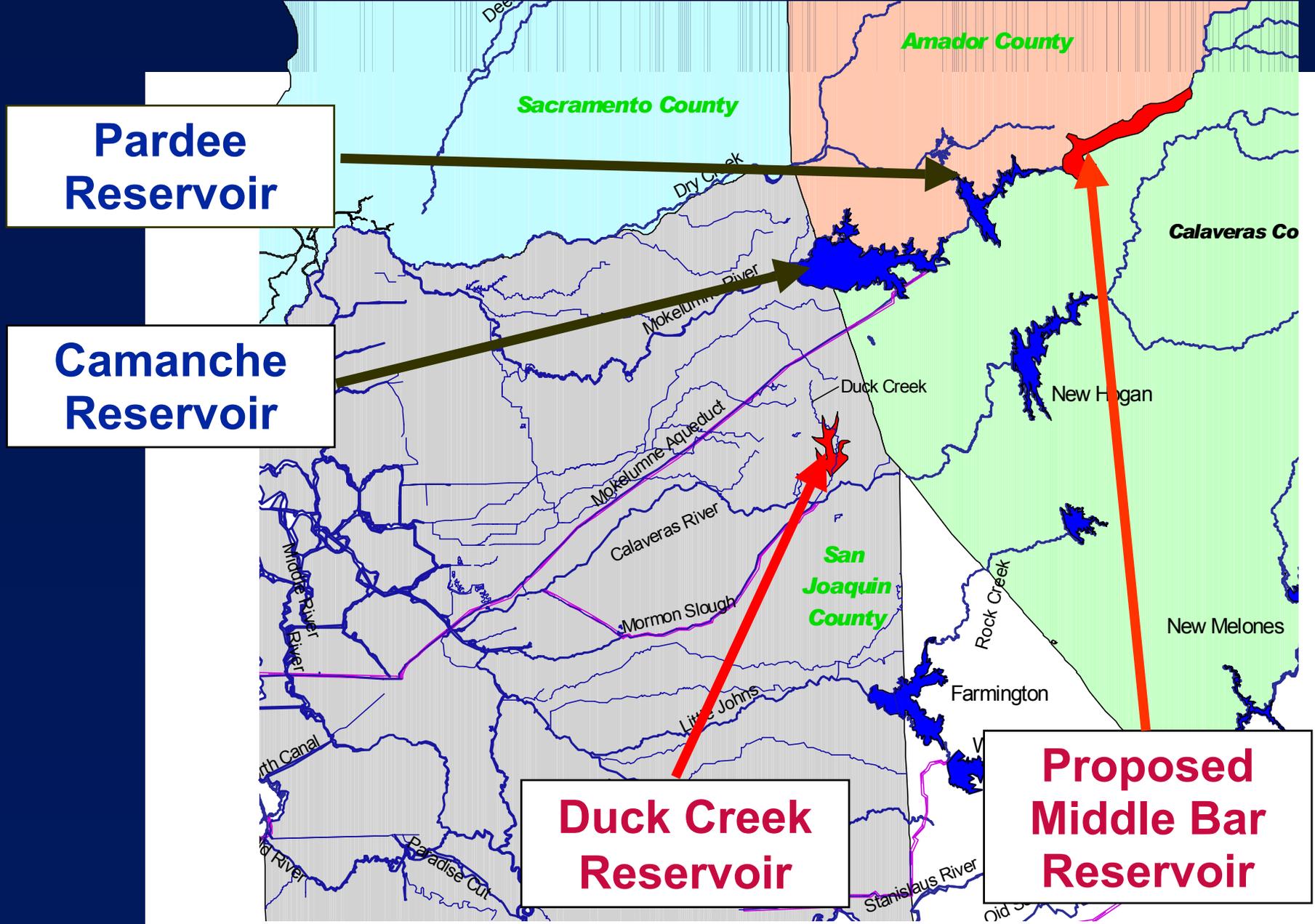
■ Surface Water Transfers and Purchases

- South County Surface Water Supply Project
- New Melones Water Rights
- Woodbridge Irrigation District Water Transfers to Stockton East Water District

■ Urban and Agricultural Conservation

■ Support for Local Agency and District Activities

Mokelumne River Water and Power Project



Pardee Reservoir

Camanche Reservoir

Duck Creek Reservoir

Proposed Middle Bar Reservoir

Next Steps

- **Development of Project Implementation Groups**
- **Current Project Focus**
 - **San Joaquin County**
 - **Mokelumne River Water and Power Project**
 - **American River Water Diversion**
 - **Freeport Regional Water Project**
 - **Groundwater Banking Authority Activities**
 - **Other Local Districts & Agencies**
 - **Farmington Groundwater Recharge Project**
 - **Stockton Delta Diversion**
 - **South County Water Supply Project**
- **Select Projects for Further Study & Implementation**