

# **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

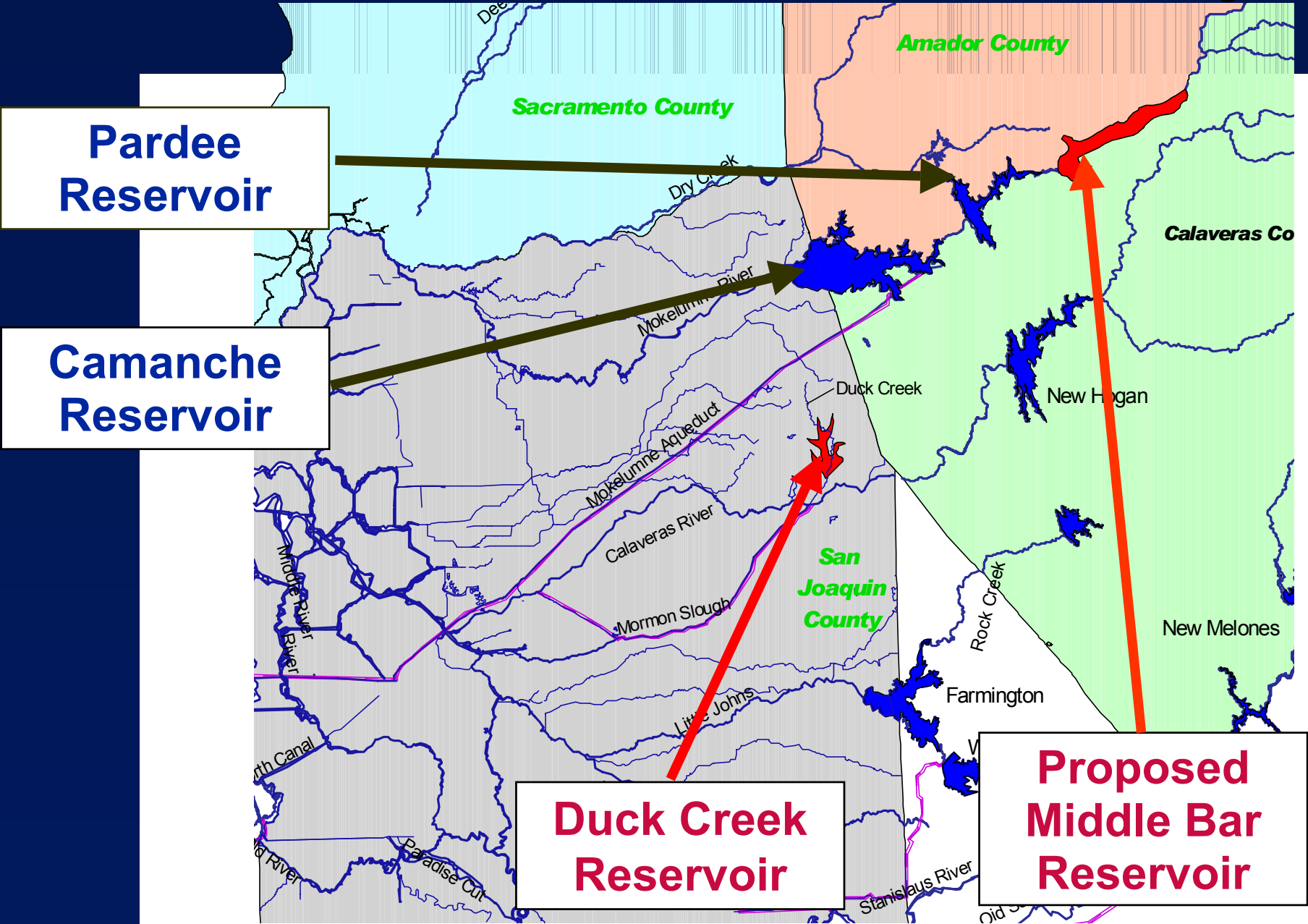
## ■ Surface Water Transfers and Purchases

- 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**