

# San Joaquin River Exchange Contractors Water Authority

## WEF Central Valley Tour Presentation

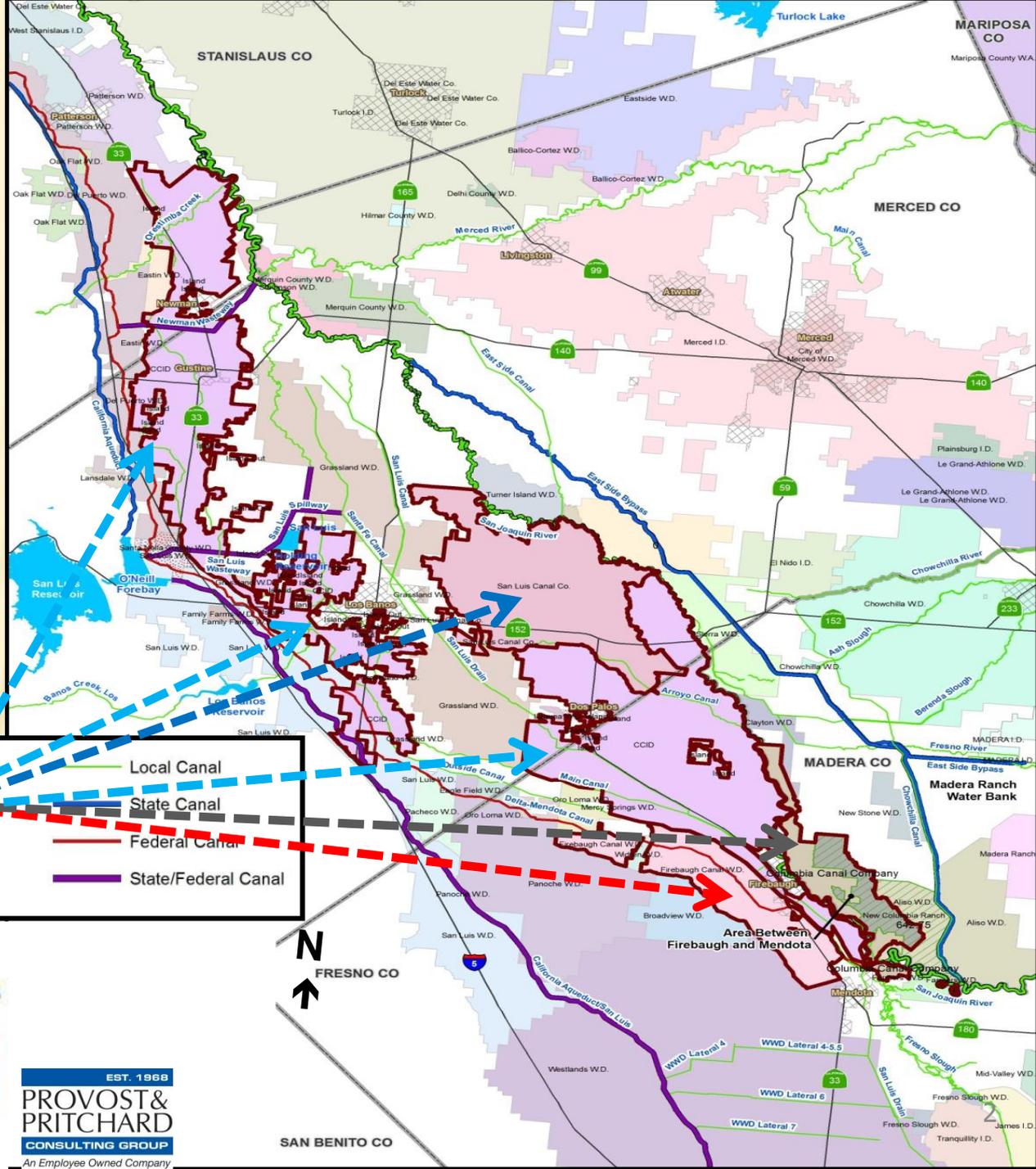
### April 3, 2019

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**Mission Statement :** *To effectively protect the Exchange Contract and maximize local water supply, flexibility and redundancy in order to maintain local control over the members' water supply, whatever circumstances occur.*

# San Joaquin River Exchange Contractors Water Authority



	SJRECWA Participants		Local Canal
	City Boundary		State Canal
	County Line		Federal Canal
			State/Federal Canal



EST. 1968  
**PROVOST & PRITCHARD**  
 CONSULTING GROUP  
 An Employee Owned Company

4/10/2019



# The Exchange Contract

## What is it Anyway?



- The cornerstone for the Development of the CVP ( Friant Dam, Shasta Dam, DMC)
- Two documents were signed in 1939:
  1. Exchange Contract
    - Monthly Delivery Limits, Flow Limits, Water Quality Criteria, Water Supply( Shasta) Criteria [ We operate under the 1967 Second Amended Contract]

### 2. Purchase Contract

- Conveyed high flow rights to the Bureau of Reclamation, reserved low flow rights. We retained our senior water rights on the San Joaquin River

# Background of the Exchange Contractors

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- Pre-1914 and Riparian Water Rights on the San Joaquin and Kings Rivers dating back to early 1870's
- Irrigate approximately 240,000 ac in Fresno, Madera Merced and Stanislaus Counties
- Normal Year allocation 840,000 acre feet (Jan–Dec)
- Critical Year allocation 650,000 acre feet (Jan–Dec)
- Allocation is based on forecasted inflow into Shasta Lake (3.2 MAF)



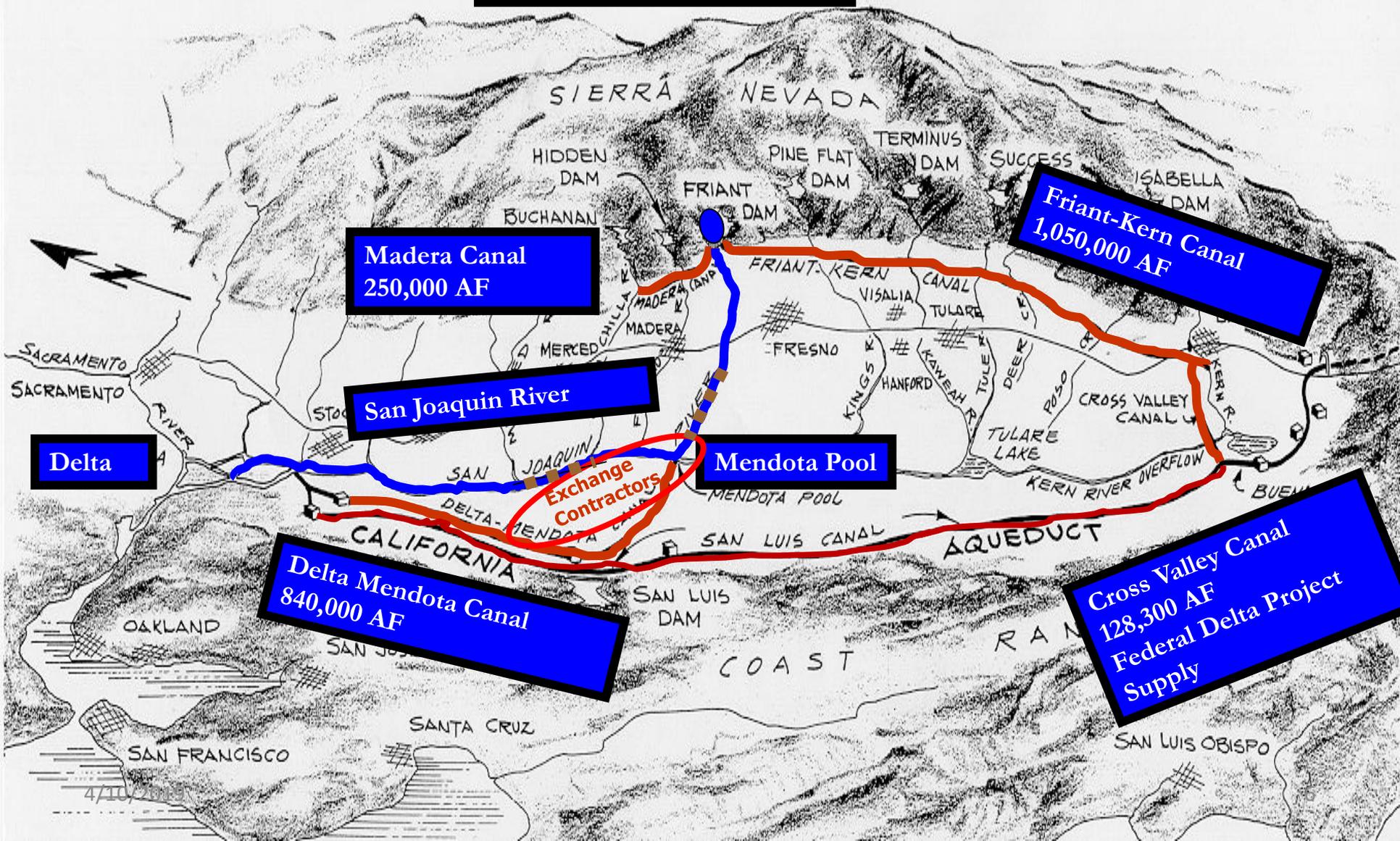
# Background of the San Joaquin River Exchange Contractors Water Authority

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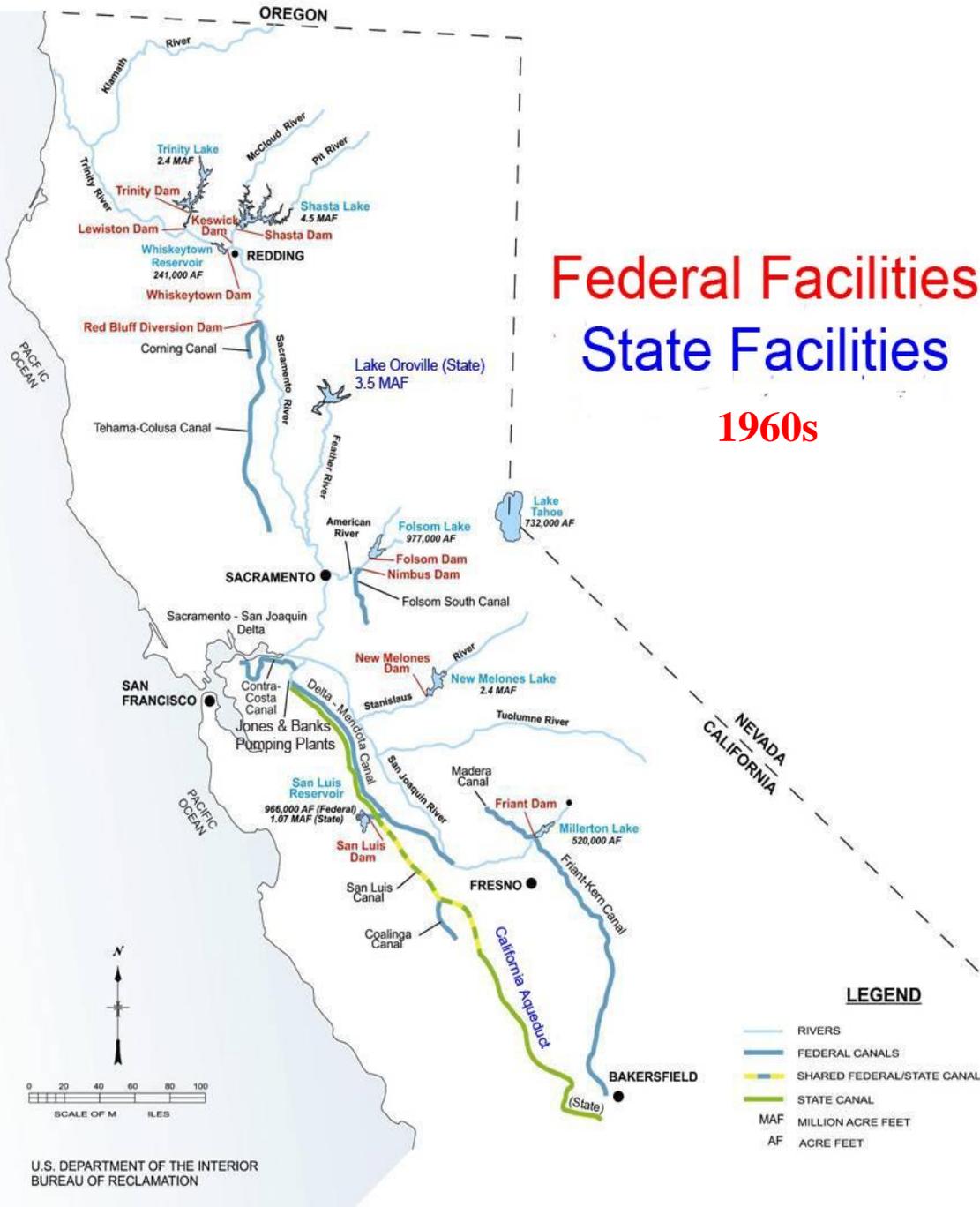
- The SJRECWA is a Joint Powers Authority that was formed in 1993, its members include:
  - Central California Irrigation District (145,000 ac)
  - Columbia Canal Company (16,000 ac)
  - Firebaugh Canal Water District( 22,000 ac)
  - San Luis Canal Company (47,000 ac)
- Main Duties:
  - Protect water rights
  - Main point of contact for the administration of the Exchange Contract
  - Administer SGMA, Water Conservation Plans, Water Transfer Programs
  - Water Resource Planning
  - Political Outreach

# How The Exchange Contract Works

## The SJR Exchange Contract



# Federal Facilities State Facilities 1960s



U.S. DEPARTMENT OF THE INTERIOR  
BUREAU OF RECLAMATION

# Regulatory Constrained Operations

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- Federal

- Endangered Species Act – Biological Opinions

- Shasta Temperature Control Plan for Salmon
- OMR for Delta Smelt (Dec – Jun)
- OMR for Winter-Run Salmon (Jan-Jun)
- Export/Inflow Ratio - Steelhead (April – May)

- State

- State Board Decision D-1641

- Delta Outflow and Export/Inflow Ratio (All Year)
- SWP/CVP Export Limits of 1,500 cfs (Apr 14 –May 15)
- Voluntary Settlement Agreements

# Increased Regional Water Availability

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- As a result of member agency conservation programs, water service to the growers has improved and the SJRECWA members has the ability to redirect water to other local water agencies.
- These savings come from large investments in both large district-wide projects and smaller on-farm conservation projects.

***Due to high investment costs, we needed an innovative approach to fund these efforts. (Water Transfers fulfills this need)***



# Exchange Contractors Water Resources Plan

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- 2011 the Exchange Contractor Board commissioned an initial analysis and identified several potential projects with the goal to:
  - Provide multi-year flexibility and Dry year reliability
  - Support local water supplies and provide regional water supply reliably
  - Provide reliability if we were to receive a major portion our water from Friant Dam

# Water Resources Plan

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- Joint Exchange Contractors Projects
  - Los Banos Creek WRP
    - City of LB, SLWD, GWD, Exchange Contractors
  - Various Water Banking Projects
    - SLWD, DPWD, Exchange Contractors, Red Top
  - Local surface storage
- Joint Projects with CVP contractors
- Surface Storage- Temperance Flat, Sites, Pacheco, Los Vaqueros

# Exchange Contractors Groundwater Management

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## Groundwater Management

- The member agencies have conjunctively manage their surface water and groundwater supplies for decades.
- The Authority is actively implementing the Sustainable Groundwater Management Act(SGMA).
- In March 2016, the SJRECWA became the Exclusive GSA for our members. September 2017, state legislation passed forming- San Joaquin River Exchange Contractors Groundwater Sustainability Agency.
- We are part of the Delta Mendota subbasin

# CONTACT INFORMATION:

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## San Joaquin River Exchange Contractors Water Authority

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