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
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

- 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

- 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

Madera Canal 250,000 AF

San Joaquin River

Delta Mendota Canal 840,000 AF

Delta

Mendota Pool

Exchange Contractors

Friant-Kern Canal 1,050,000 AF

Cross Valley Canal 128,300 AF

Federal Delta Project Supply
Regulatory Constrained Operations

• **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

- 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

- 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

• 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

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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