

Water Supply Overview

Customer Advisory Committee Meeting
September 10, 2024

Public Comments

Tonight's Agenda

- Welcome
- Public Comments
- Agenda Review
- Water Rights & Water Supply Overview
- Mid-Year Survey Results
- Next Steps
- Public Comments
- CAC Members' Take-aways
- Adjourn

Water History

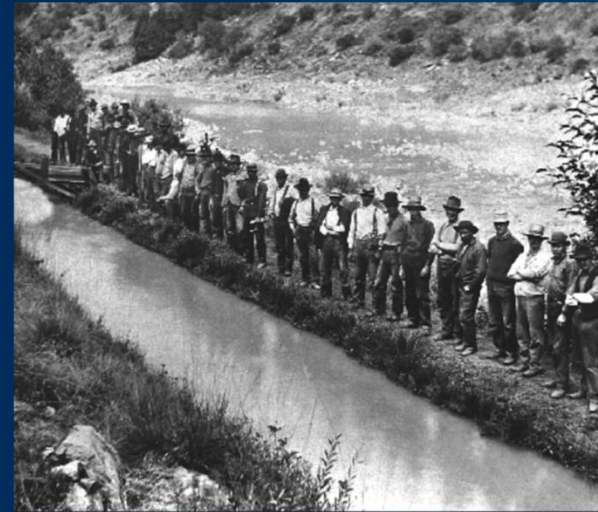
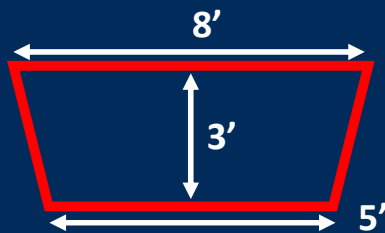


North Fork Ditch (1856)

The canal

- 33 miles long
- 3 feet deep
- 8 feet wide at the top
- 5 feet wide at the bottom

Size of Canal = 3,000 miner's inches

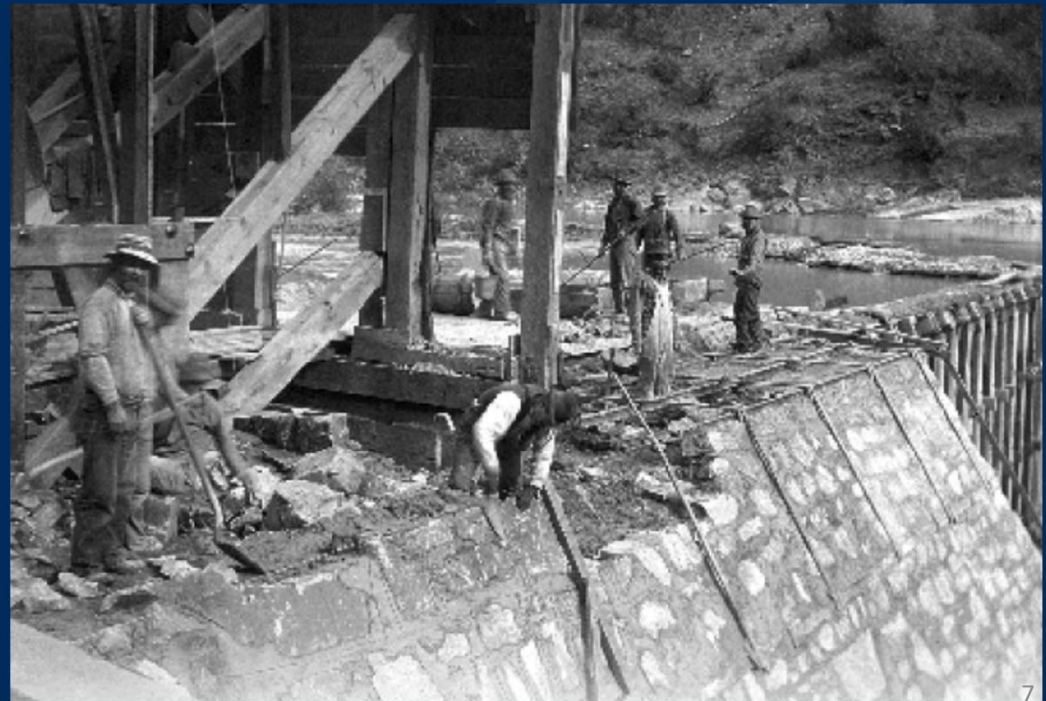
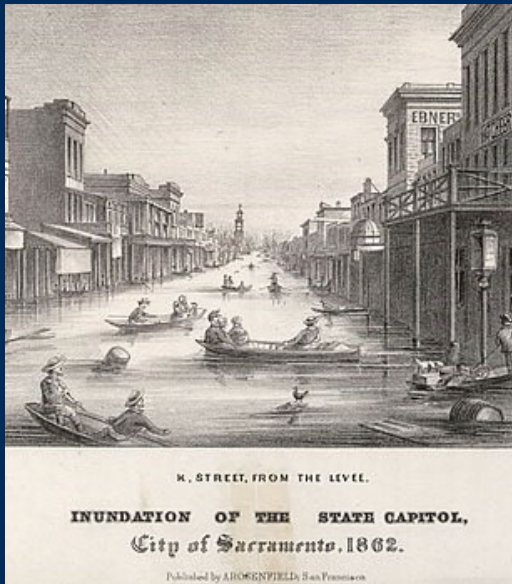


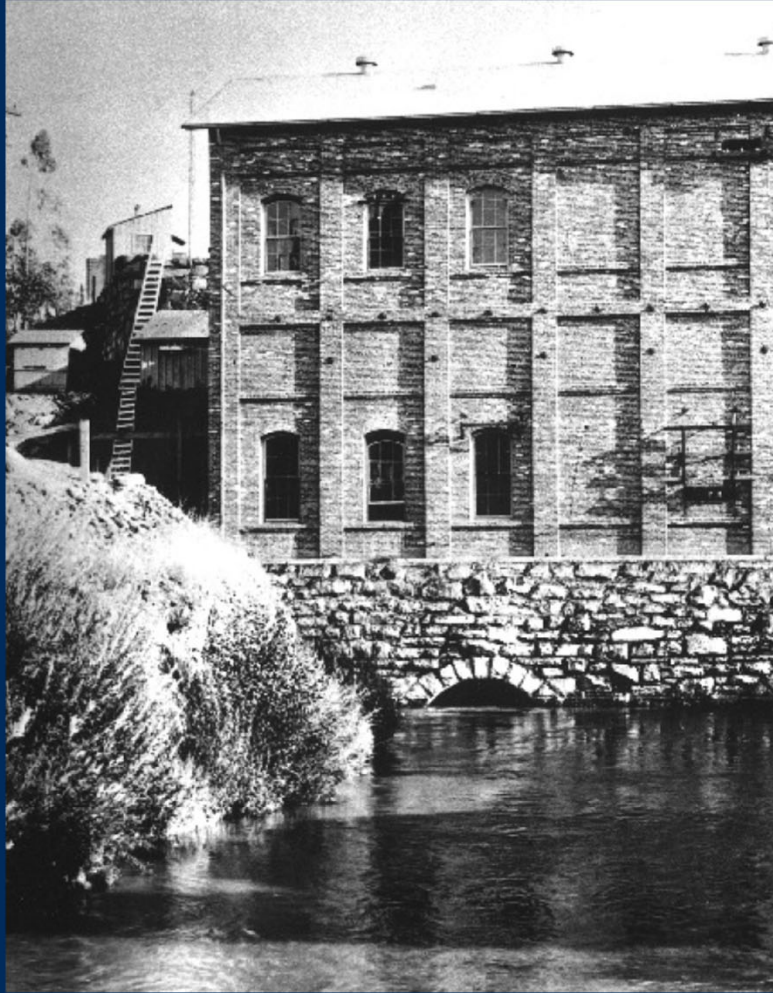
Turnover & Floods

George W. Reamer, 1870

Red Birdsall, 1875

Crawford W. Clarke, 1887



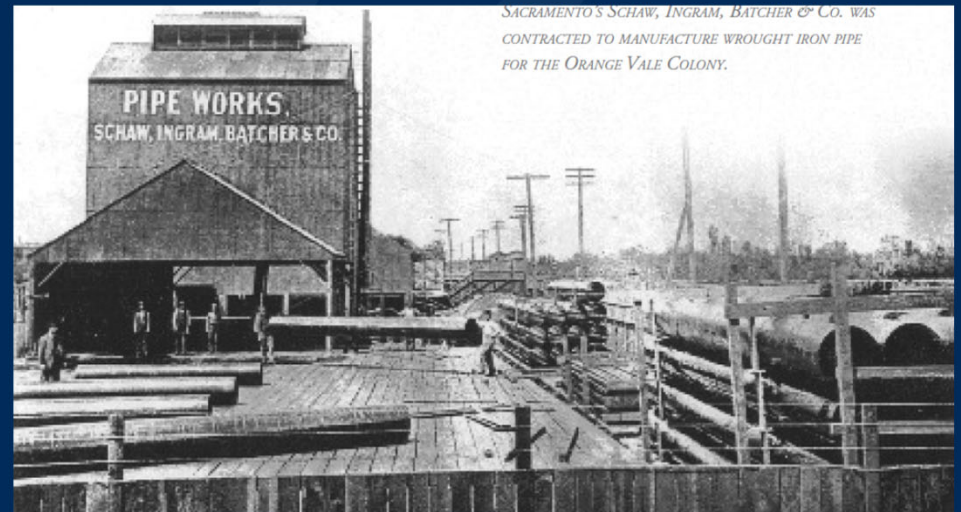


The Sacramento Electric Gas and Railway Company

- Diverted water from the American River to the Folsom Powerhouse
- 1898 claim against American River Water and Mining Company
- Court recognized the 3,000 miner's-inch water right in favor of American River Water and Mining Company (1899)
- Soon after the ruling, the American River Water and Mining Company changed its name to the North Fork Ditch Company

1880s to 1920

- Development Progressing
- Wright Act of 1887
- North Fork Ditch Company -
Ownership change in 1909
 - Status as a Wholesale Supplier confirmed
- Orange Vale Water Company, 1896
 - Mutual
- Carmichael Irrigation District, 1916
- Fair Oaks Irrigation District, 1917
- Citrus Heights Irrigation District, 1920



SACRAMENTO'S SCHAW, INGRAM, BATCHER & CO. WAS CONTRACTED TO MANUFACTURE WROUGHT IRON PIPE FOR THE ORANGE VALE COLONY.

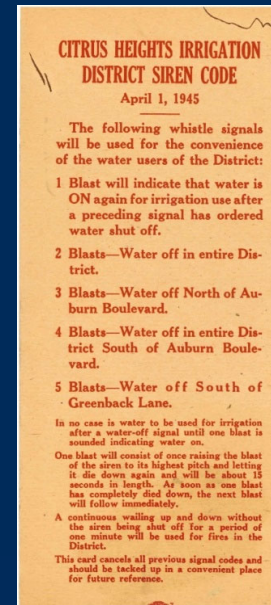
District Formation

1920 CHID service area

- 225 farms & 4.7 square miles (3,028 acres)

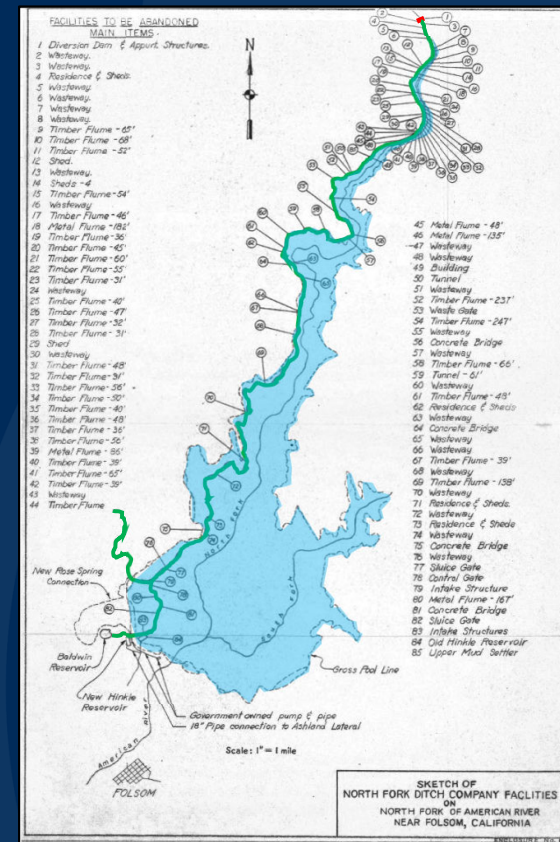
Water Supply Availability

- North Fork Ditch Company promoted conservation
- Sirens were used to notify water was off
 - Sylvan Cemetery
 - Corner of Greenback and Mariposa
- 1928 water rights permit (4,582 AF)



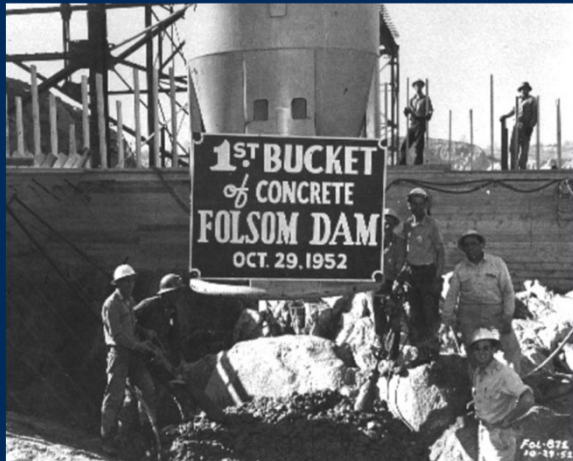
Folsom Dam & North Fork Ditch Company

- Then President Harry S. Truman signed the Engle Act commissioning the 1 Million acre-feet Folsom Dam, **1949**
- The State Water Rights Board issued water rights permits to the US Bureau of Reclamation to capture water in Folsom Lake, **1949**
 - The permit conditions (and basic CA water law) require the Bureau to respect pre-existing, vested water rights to American River water. (e.g., North Fork Ditch Company water rights)



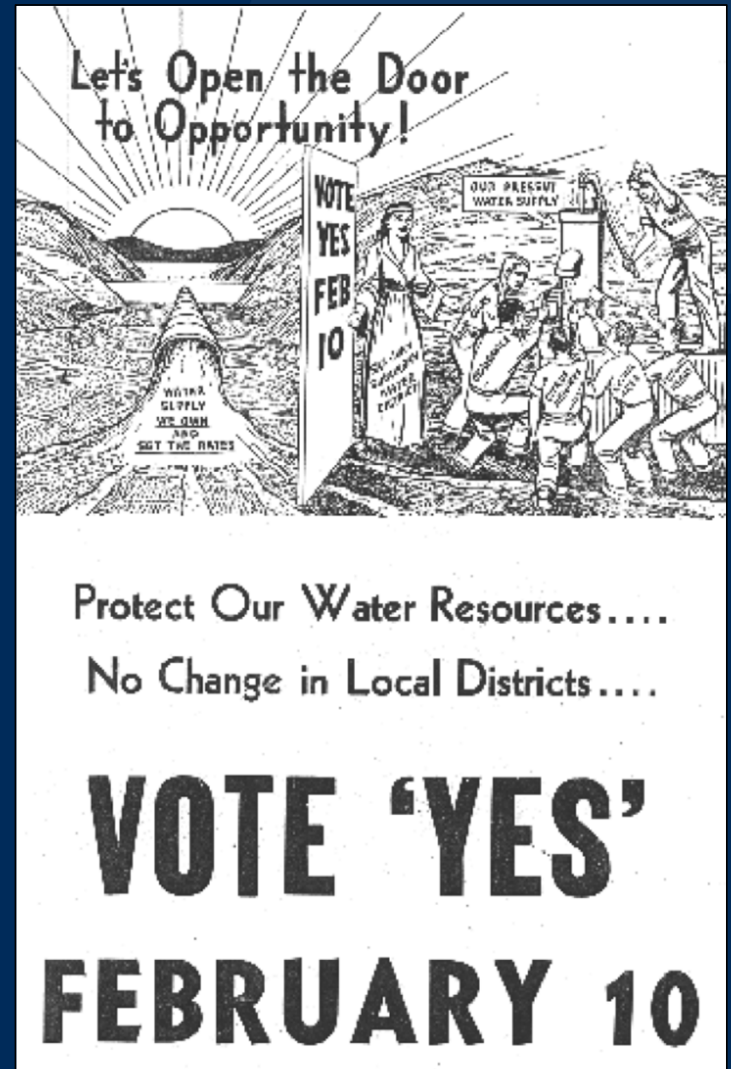
Water Rights

- In 1952, the Bureau fully investigated and confirmed the North Fork pre-existing right to divert 33,000 AF from the American River (28,418 AF with a priority date of 1853 [pre-1914 rights] and 4,582 AF established by permit in 1928)
- In April 1954, North Fork and the Bureau entered into an agreement in which North Fork's water rights were formally recognized and the Bureau agreed to construct Hinkle Reservoir



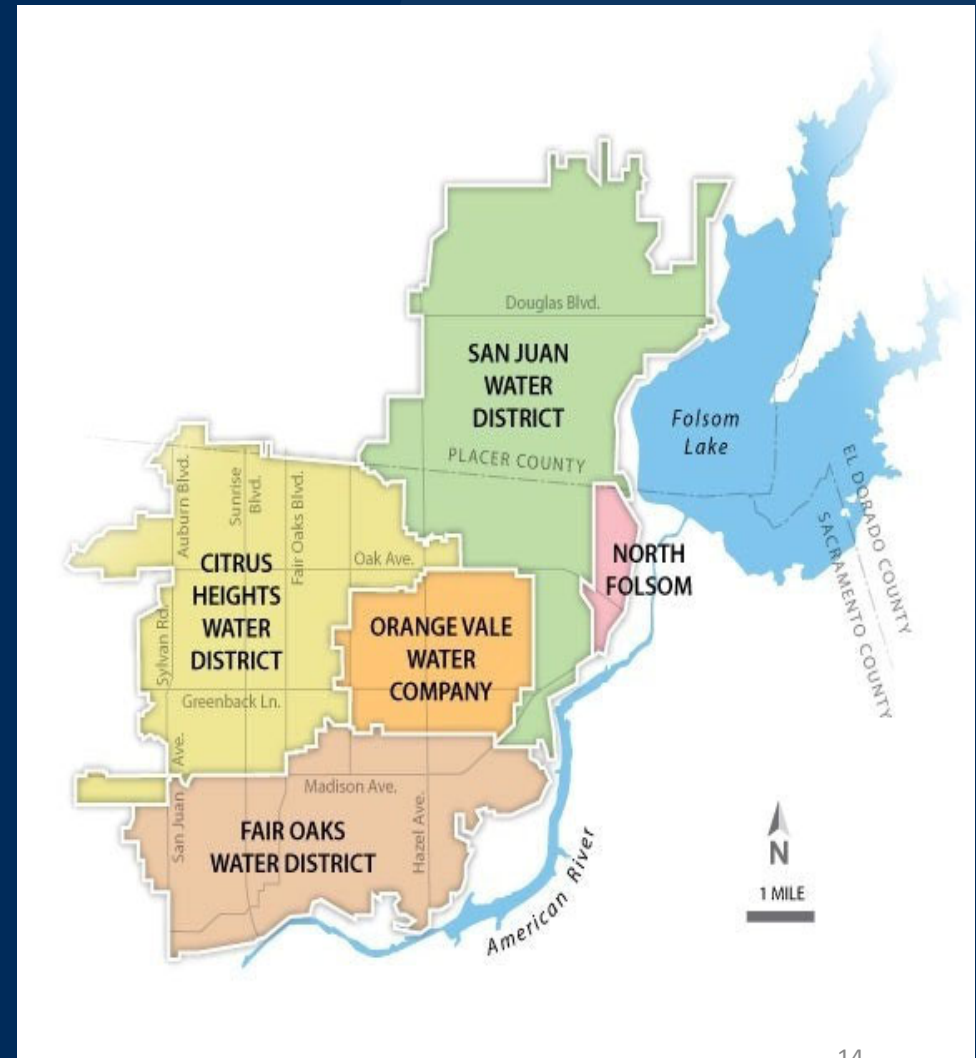
Formation of San Juan Suburban Water District

- **February 10, 1954** - voters approved the formation of the San Juan Suburban Water District as a community services district to ensure the 33,000 AF water supply was publicly owned, among other reasons (1st CSD in the California)
 - Unknown why SJSWD was formed as CSD versus a JPA
- **December 1954** – San Juan completed acquisition of North Fork Ditch Company for \$620,000
- **April 17, 1955** – Reclamation made the first water delivery from Folsom Reservoir to SJSWD



SJSWD and Folsom

- SJSWD & Bureau later entered into a separate contract for an additional 40,000 AF of Folsom water
- 1967, SJSWD negotiated this second contract down to 11,200 AF due to financial hardship.
 - Contract was later amended to 28,800 AF in the 1970s
- 1972, PCWA agreed to deliver up to 25,000 AF of additional water per year for SJSWD use **for Placer County customers only**



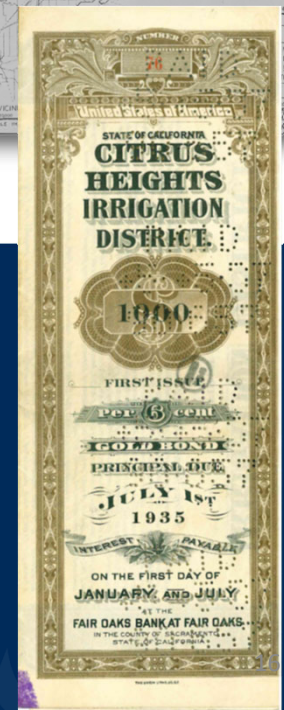
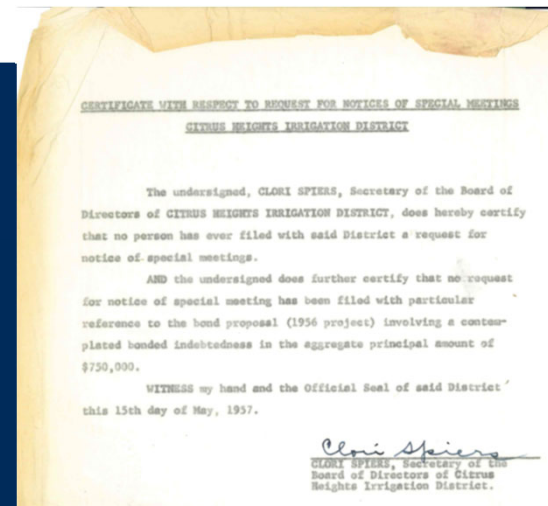
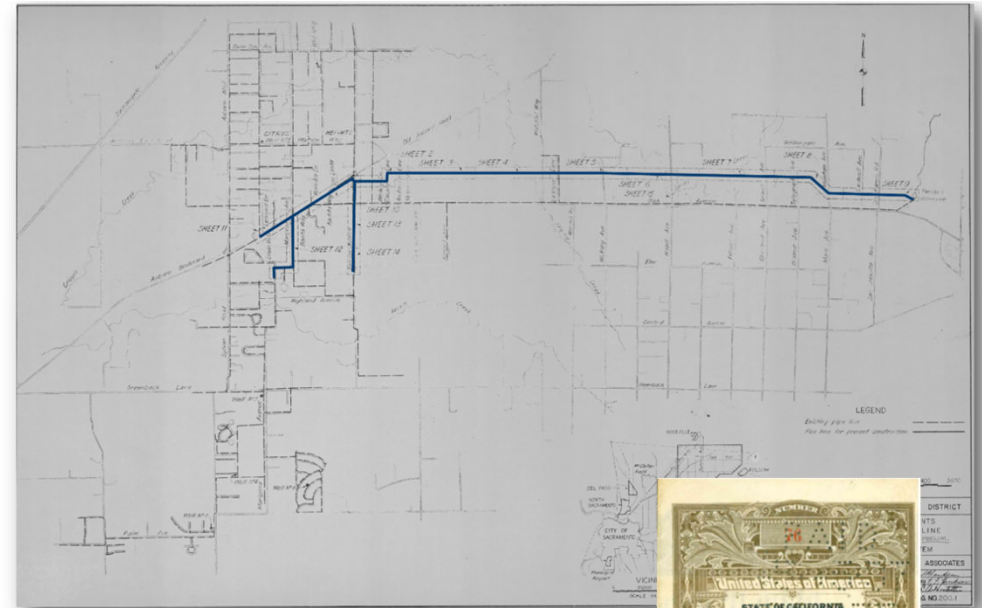
Current SJWD Water Rights Portfolio

| Source of SJWD Water | Maximum Volume (AFY) | Authorized Diversion Location(s) | Authorized Area for Use |
|---|---------------------------|---|--|
| Pre-1914 Appropriative Water Right (1853 PD) | 26,400 ¹ | North Fork American River, via Folsom Dam | POU in SJWD Service Area |
| Post-1914 Appropriative Water Right (1928 PD) | 6,600 ¹ | North Fork American River, via Folsom Dam | POU in SJWD Service Area |
| MFP Contract with PCWA | 25,000 ² | Folsom Dam, with a Warren Act Contract for wheeling | SJWD Service Area (including WCA areas with priority in Placer County) |
| CVP Contract with Reclamation | 24,200 | Folsom Dam | SJWD Service Area (including WCA areas) |
| TOTAL | 82,200³ | | |

1. USBR agreed to deliver up to 60 cfs (Pre-1914) and 15 cfs (Post-1914) at Folsom Dam to facilitate dam construction per 1954 settlement contract.
2. Includes 4,000 AFY to Roseville in WFA wet and normal years.
3. Maximum annual amount delivered in 2004 (as of 2014 SJWD Plant Flow Summary Data): 73,325 AF

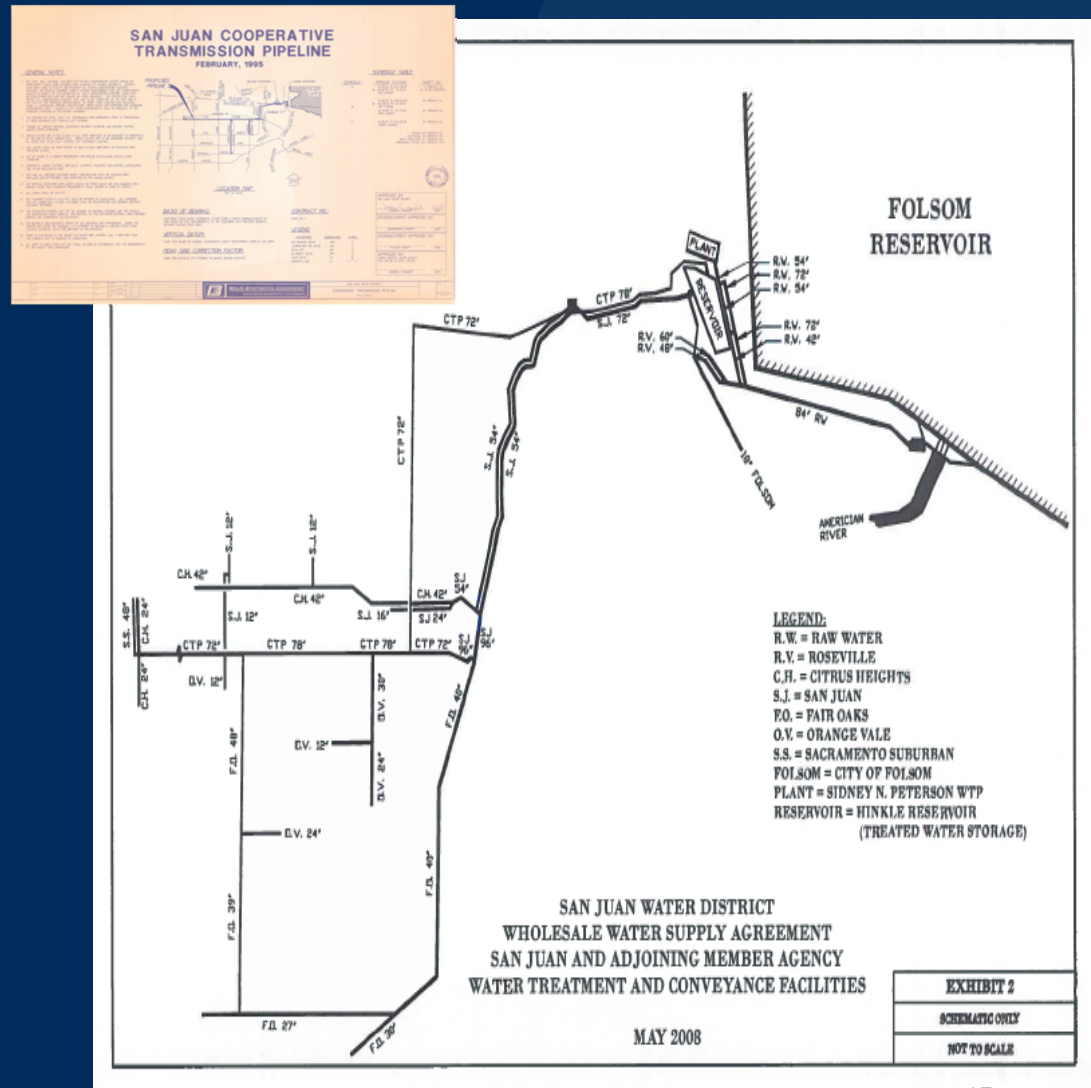
Project 1956

- 1940s and 1950s – Region began to urbanize
- Transmission Main Installation Project
- Authorized issuance of \$750,000 in Bonds
- 1960 to 1985 – Big Development

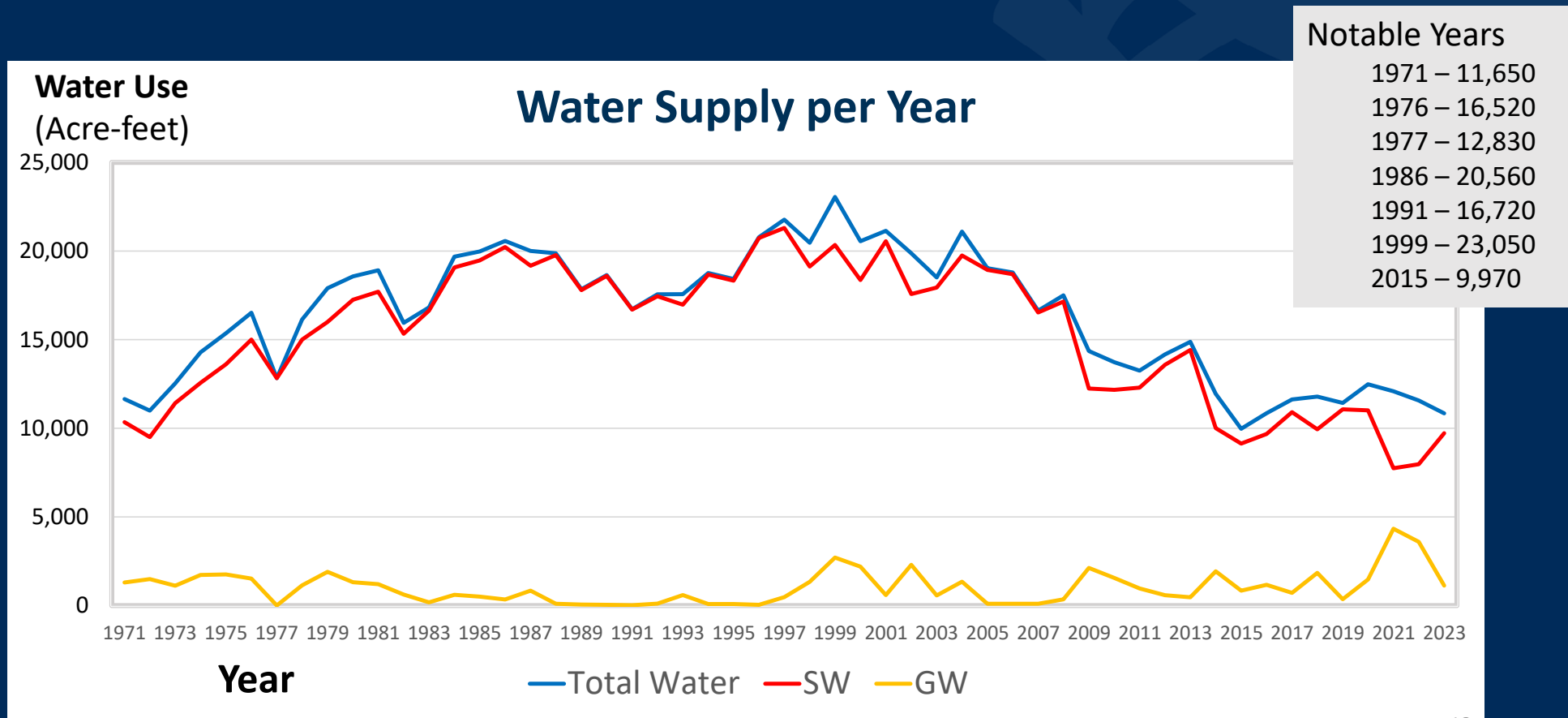


SJWD – CHWD Agreements

- 1969 - CHWD 42" Pipeline Utilization
 - Study and price set for delivery of water for SJWD utilizing CHWD's infrastructure – Water Wheeling
- 1974 – First Wholesale Water Supply Agreement
 - CHWD agrees to purchase a *minimum* of 12,000 AF of water per annum
 - Followed by updated agreements in 1991, 2004 & 2008 (see later slides re: 2008 agreement)
- 1998 - Cooperative Transmission Pipeline Project
 - Recognized CHWD's capacity interest and entitlement in the Project's Water Main
- 2008 - Water Shortage Plan
 - Utilize CHWD, FOWD, OVWC's wells if necessary



CHWD Historic Consumption



Q & A

Midyear Survey

Customer Advisory Committee

MID-YEAR SURVEY



How do you rate the speakers?



4.7

How do you rate the content?



4.8

How do you rate the food?



4.1

What is your seating preference?

chairs/no mics

tables/microphones

write-in

60%

33%

7%

Customer Advisory Committee

MID-YEAR SURVEY



| | | | |
|---------------------------|-----------|------------|------------|
| | 0% | 93% | 7% |
| Is the meeting frequency: | too often | just right | not enough |

| | | | |
|-------------------|----------|------------|-----------|
| Are the meetings: | too long | just right | too short |
| | 14% | 86% | 0% |

Customer Advisory Committee

MID-YEAR SURVEY



How has your impression of CHWD changed in 2024?

| | | |
|-------|------|--------|
| 0% | 36% | 64% |
| worse | same | better |

What was your favorite session to date?



CHWD TOUR



WATER SUPPLY



STRATEGIC PLANNING

Customer Advisory Committee

MID-YEAR SURVEY



What topics would you like to hear about or dive deeper on?

In-person tour of SJWD plant, pipeline replacement, storage, budget, rates, local representatives

Our takeaways

Reconfigure seating, room selection

Plan future sessions (remainder of 2024 and 2025)

We are open to feedback throughout the year

Q & A

CAC Program Overview

2023

Dec 14 - Meeting: Introduction
(District history overview, Role of the CAC, “1 unit of water” demonstration)

2024

Jan 16 - Meeting: Operations Briefing

Mar 12 - Tour: CHWD Corporation Yard

Apr 30 - Meeting: Strategic Planning Process Overview

Jul 16 - Meeting: Water Supply Overview

Sep 10 - Meeting: Water Rights Overview

Oct 8 - Meeting: Budget Process Overview

Dec 9 - Meeting: Regional Collaboration, Look ahead to 2025