# WaterUpdate

SAN JUAN WATER Wholesale

**MAY 2020** 



Improvements provide safety measures for treatment plant staff and extend the lifespan of our infrastructure.

### **CAPITAL IMPROVEMENT UPDATES**

# PROJECT IMPROVES WATER TREATMENT PROCESS

San Juan Water District is rehabilitating the two basins in our water filtration system at the Sidney N. Peterson Water Treatment Plant. We are upgrading our water treatment infrastructure to keep high quality water flowing 24 hours a day.

The water filters are key to removing small particles and contaminants from your water supply. The project:

- includes a permanent seal.
- prevents water from leaking into the underdrain system.
- replaces the filter nozzles and filter media.

#### Construction start date:

North Basin: November 2019 South Basin: November 2020

#### Estimated completion date:

North Basin: May 2020 South Basin: April 2021



Rehabilitation underway on the two filter basins in our water filtration system at the Sidney N. Peterson Water Treatment Plant.

# PROJECT TO EXTEND LIFE OF THICKENER TANKS

Another project at the Sidney N. Peterson Water Treatment Plant includes coating its three clarifier thickener tanks with a liner to provide a waterproof seal and extend their useful life. Construction involves installing retractable ladders to provide treatment plant staff safe entry to the tanks.

Construction start date: February 2020 Estimated completion date: July 2020

# RESERVOIR LINER AND COVER TO BE REPLACED

We planned to replace the cover and liner on the 62-million-gallon Hinkle reservoir this coming winter but are pushing the date back. It has lasted 15 years beyond its expected life and tests show it can reliably serve us for another 18 months.

Water deliveries will continue uninterrupted throughout construction.

**Construction start date:** Fall 2021 **Estimated completion date:** Spring 2022

### WATER SUPPLY UPDATES

# SAN JUAN SECURES PERMANENT WATER CONTRACT

On February 28, 2020, San Juan Water District Board President Ted Costa joined other water agency representatives along with U. S. Bureau of Reclamation Regional Director Ernest Conant at Folsom Dam for a signing ceremony to ink a new Central Valley Project contract.

We took advantage of a Congressional directive to Reclamation to convert water service contracts to repayment contracts. We worked with Reclamation over many months to replace a contract set to expire in 2045 with no expiration date.

Since we prepaid our share of CVP construction costs, we did not owe a large lump-sum payment to Reclamation. Other agencies owed payments since they had not prepaid. We also benefit by not needing to expend future funds for environmental review or other normal costs.

# 2020 PRECIPITATION AND SAN JUAN'S WATER SUPPLIES

The 2020 rainy season started with above average precipitation and the media talked about California's drought conditions being over.

However, January precipitation fell to about half of normal and February was historically dry. There was no precipitation in Sacramento for 28 days.

It looked like March rains would help, but only about 50 percent of average precipitation materialized. April had two significant storms blanket the northern Sierra.

What does this mean for us?

San Juan has some of the most reliable and highquality water supplies in California, not to mention our low cost compared to other communities around the state. In addition to our Central Valley Project water, San Juan has a contract to purchase water from Placer County Water Agency to serve San Juan's customers in Placer County.

San Juan has an American River 1853 water right, one of the oldest in the state. We have another with 1928 priority. Water rights are legal rights of a water agency (or property owner) to access and use water from a river, lake or irrigation canal.

Our water sources provide sufficient water to meet our retail and wholesale customer needs in all but the direst of situations. While the federal government restricted San Juan's supplies this year, our water rights and Placer County Water Agency water ensure we meet demands in our entire service area. Our board of directors and San Juan staff continue to monitor the situation and have plans to address any needs that might develop.

# LARGE UNDERGROUND RESERVOIR TO IMPROVE WATER SUPPLY RELIABILITY

Sacramento Region water providers – including San Juan – are expanding our groundwater banking activities. Agencies are investing in new wells that can inject water into the basin in wet years and pump it out in dry years and be used locally and transfer water to other agencies to generate revenues to help reduce local water rates.

With our basin located at the confluence of the Sacramento and American rivers, we can store water from both rivers which increases the flexibility and usefulness of the groundwater bank. Since our location is also north



# CHECK OUT THE WATER AGENCIES THAT PURCHASE OUR TREATED WATER



#### **FOUNDED:**

October 25, 1920 Happy Centennial!

#### **BACK THEN:**

4.7 square miles in northeast Sacramento County to serve 225 farms

#### NOW:

67,000 people served
12 square miles in service area
Service territory majority of Citrus
Heights and portions of Fair Oaks,
Orangevale, Carmichael and Roseville

Cheers to 100 more years!



#### **FOUNDED:**

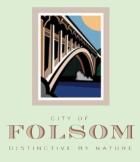
1917

#### **BACK THEN:**

District delivered untreated surface water in large, horse-drawn tank wagons

#### NOW:

37,000 people served 9.5 square miles in service area Serves Fair Oaks and small portions of Carmichael and Orangevale



### FOUNDED: 1856

#### **BACK THEN:**

Began as a gold mining and railroad town

#### NOW:

2,159 connections north of Lake Nimbus receive water service from San Juan 1.84 square miles in service area Serves portions of Folsom, north of the American River



#### **FOUNDED:**

1896

#### **BACK THEN:**

Created, owned and operated by consumers in its service area and still operates as a mutual company today

#### NOW:

15,200 people served
4.8 miles square miles in service area
Serves central Orangevale and
small portions of Fair Oaks and
city of Folsom



#### FOUNDED:

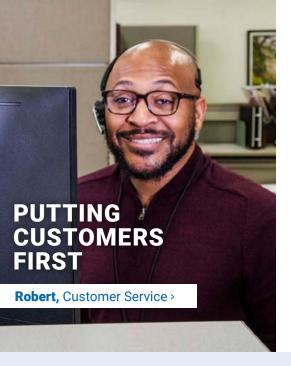
North Fork Ditch Company, 1854

#### **BACK THEN:**

Horse-drawn wooden water tank wagons supplied irrigation water for 4,000 acres of vegetables and fruit and nut trees Became San Juan Water District when Folsom Dam completed in 1954

#### NOW:

30,000 people served in
retail service area and
160,000 in wholesale
17 square miles in retail service area
Continues to provide water to retail
customers in Granite Bay and a small
portion of northeast Sacramento County





**San Juan Water District** 9935 Auburn Folsom Road Granite Bay, CA 95746

Board of Directors Edward J. "Ted" Costa, President Pamela Tobin, Vice President Marty Hanneman Kenneth H. Miller Dan Rich

# BOARD ELECTIONS THIS YEAR

Elections for San Juan's five-member board of directors are held on even years and two director positions are open in 2020. A candidate must be a registered voter residing within district boundaries.

Candidates are currently elected at large (see announcement enclosed about forthcoming changes). Since San Juan Water District falls within two counties, candidates must file nomination papers in both counties. The filing period opens July 13, 2020 and closes August 7, 2020.

For more information, go to:

- elections.saccounty.net
- placerelections.com

#### WATER QUALITY REPORT COMING IN JUNE

Our number one priority is to deliver high-quality

water to your tap.

We are proud to report the 2019 Consumer Confidence Report again concludes that your drinking water meets, or in some cases achieved a quality better than, federal and state drinking water requirements.

The U.S. Environmental Protection Agency requires community water systems to provide annual water quality reports.

The report will be posted at **sjwd.org/ consumer-confidence-reports-water- quality-reports,** mailed to all our customers and sent in an e-newsletter.



# **NEW! CHECK OUT THESE VIDEOS**

San Juan staff takes you through the journey of obtaining water from Folsom Lake until it reaches your tap in a series of three videos.

They explain how the intake structure and transmission pipelines move water to the water treatment plant and, eventually, to deliver high quality water to your tap.



chwd.org



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