

Regional Water Supply Project: Redbank & Fancher Creek, Fresno, California

PROJECT SPONSORS



In light of California's Sustainable Groundwater Management Act (SGMA) and the need to optimize the capture, conveyance and storage of surface water, the City of Fresno, City of Clovis, Fresno Irrigation District (FID), County of Fresno and Fresno Metropolitan Flood Control District (FMFCD) have formed a multi-agency collective known as the Fresno County Stream Group. This group has a longstanding history of working together on flood control and water supply issues in the region, and are continuing that legacy through the group's Regional Water Supply Project (Project), which encompasses the re-operation of the Redbank and Fancher Creeks Project.

This project will provide the necessary evaluation and improvements to reoperate reservoirs within the Redbank and Fancher Creeks Project, primarily the Big Dry Creek Reservoir. Re-operation of the Reservoir will allow holding winter storm water into spring and summer for later release into the region's extensive system of groundwater recharge basins. The ability to capture, store, and beneficially use these flows will be critical to the region's effort to balance water use and long-term water supply. Repetitive and often severe drought experienced by the Fresno/Clovis region calls for the water supply resiliency afforded by maximizing the storage of surface water.

The Project will serve as a conservation pool for short-term storage of available surface waters up to 15,000 acre-feet, and will be used for downstream beneficial uses, primarily direct and indirect recharge, within the critically overdrafted groundwater basin.



COST

Study and Improvements = \$10,000,000



JOBS: 30



ECONOMIC IMPACT:

\$30,000,000

Contact the District:

Peter Sanchez, District Engineer, FMFCD • Email: peters@fresnofloodcontrol.org • Tel: (559) 456-3292

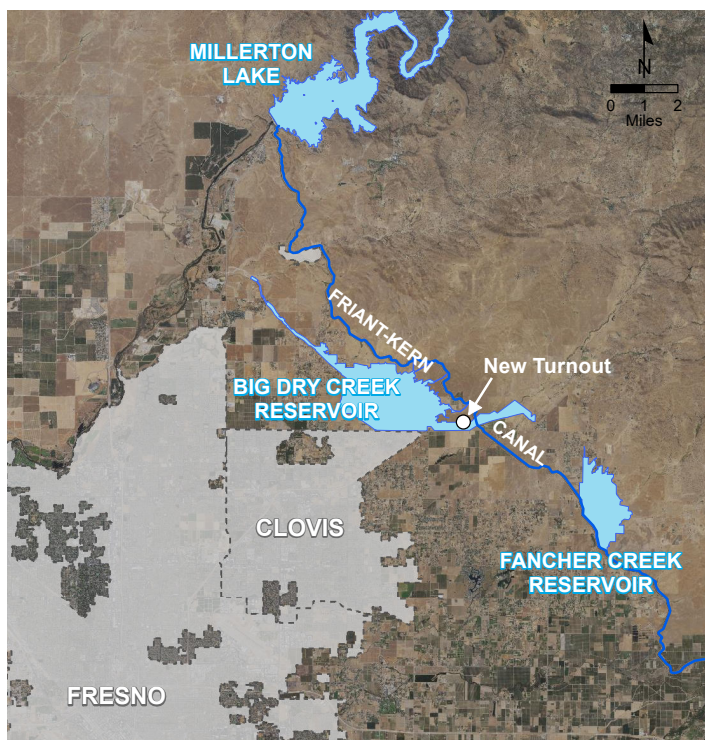
Bill Stretch, General Manager, Fresno Irrigation District • Email: bstretch@fresnoirrigation.com • Tel: (559) 233-7161

PROJECT OVERVIEW

A multi-agency collaborative regional water supply project benefiting a predominantly disadvantaged area by providing additional water supply, sustainability and environmental improvements

PROJECT HIGHLIGHTS

- ✓ Multi-agency collaborative regional project
- ✓ Improved regional flood protection
- ✓ Maximizing use of existing facilities through reoperation
- ✓ Environmental enhancement and protection
- ✓ Additional groundwater recharge
- ✓ Increase water supply sustainability for Disadvantaged Communities and urban/rural communities



The Stream Group is also considering downstream improvements to the Big Dry Creek channel and a new turnout to the Reservoir from the Friant-Kern Canal, as separate projects.

Regional Water Supply Project: Redbank & Fancher Creek, Fresno, California

PROJECT SPONSORS



PROJECT LOCATION

