Flood Protection and Water Supply Project

Big Bry Creek and Fancher Creek Reservoir Reoperation

PROJECT SPONSORS: FRESNO COUNTY STREAM GROUP

Fresno Metropolitan Flood Control District

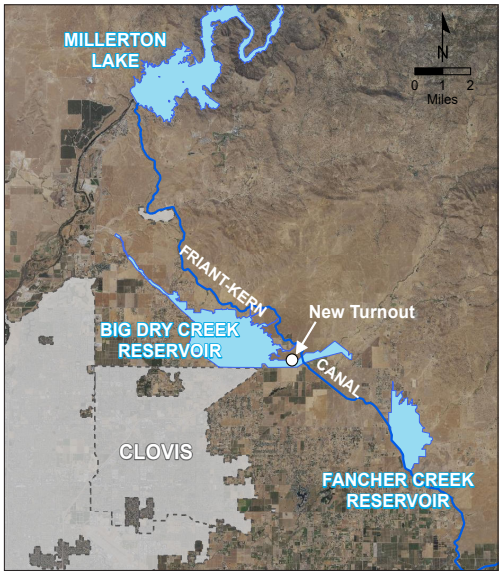
ABOUT THE FLOOD PROTECTION AND WATER SUPPLY PROJECT

The Flood Protection and Water Supply Project includes 3 key project components that together will increase water supply capture, bring greater sustainability, and enhance the environment for the people and places of Fresno County. While drastic swings between wet and dry periods are becoming the new normal, the Stream Group is investing in flood protection and drought resilience to improve the lives of those who call the Fresno region home.

ABOUT THE REDBANK & FANCHER CREEK (INCLUDING BIG DRY CREEK) RESERVOIR REOPERATION PROJECT COMPONENT

Recharging the aquifer is at the forefront of the Stream Group's project investment strategy. Improving the Redbank and Fancher Creek Reservoir Project (which includes Big Dry Creek Reservoir) for reoperation increases the Fresno region's groundwater recharging potential by increasing surface water storage capacity by 15,000 acre-feet during wet years. The reservoirs will be used as short-term storage for winter storm water to eventually flow to the region's extensive network of groundwater recharge basins.

PROJECT BENEFITS



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

FLOOD PROTECTION
Reduce flood risk through flood flow capture

JOBS CREATED
30

WATER STORAGE
Create conservational pool for short-term storage of up to 15,000 acre-feet

ECONOMIC IMPACT
$30,000,000

GROUNDWATER RECHARGE
Capture surface water for strategic delivery to regional recharge basins

PROJECT BENEFICIARIES

The project benefits over 1 million people who live in the area and contribute to essential industries including healthcare, agriculture, education, manufacturing, government, and more. It serves a predominantly disadvantaged area, recognized by state Department of Water Resources data to include both Disadvantaged Community (DAC) and severely Disadvantaged Community (SDAC) census tracts.

PROJECT OVERVIEW

This project includes the necessary evaluation and improvements to reoperate the Redbank and Fancher Creek reservoirs (which include Big Dry Creek reservoir) for reoperation. The reoperation would increase the Fresno County region's groundwater recharging potential by increasing surface water storage capacity by 15,000 acre-feet during wet years.

PROJECT HIGHLIGHTS

- ✓ Regional project supported through multi-agency collaborative
- ✓ Maximizes use of existing facilities through reoperation
- ✓ Environmental enhancement and protection
- ✓ Increase water supply sustainability for Disadvantaged Communities and urban/rural communities
- ✓ Additional surface water storage for strategic delivery to regional recharge basins

PROJECT STATUS

An agreement was signed in March 2024 between the Fresno Metropolitan Flood Control District (FMFCD) and the US Army Corps of Engineers to conduct the project feasibility study. **FMFCD is partnering with Fresno Irrigation District and City of Clovis on the study.**

PROJECT COST

$800,000 was secured through Congressman Jim Costa's Community Project Funding investments. There is a **$1.5 Million local cost share.**

Big Dry Creek and Fancher Creek Reservoir Reoperation
Fresno, California

PROJECT LOCATION

Contact the District

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

Bill Stretch, General Manager, FID
Email: bstretch@fresnoirrigation.com
Tel: (559) 233-7161