



— BUREAU OF —
RECLAMATION

Investing in our Future: Infrastructure, Innovation and Collaboration

Reclamation, in collaboration with the Farmers Conservation Alliance (FCA), is working on system improvement plans to modernize and improve the Klamath Project's irrigation infrastructure. Reclamation has awarded Tulelake Irrigation District (TID) a \$340,000 grant to complete a system improvement plan with FCA by the end of 2022.



Lost River supplying needed deliveries to Klamath Project farms during 2020 summer drought conditions. The waters of Lost River are diverted to control water flows into the adjacent Tule Lake National Wildlife Refuge and Tulelake Irrigation District.

Courtney Mathews/KBAO

FCA will leverage its extensive experience in this field by analyzing TID's systems and developing appraisal-level designs of fully modernized infrastructure.

Design elements may include piped canals, upgraded pumps, remote system monitoring and controls, and hydroelectric power generating facilities. These modernized infrastructure elements will improve water conveyance efficiency and reduce discharges of nutrient-laden and sediment-laden tailwater from TID to the Tule Lake National Wildlife Refuge, Lower Klamath National Wildlife Refuge, and Klamath River.

FCA will also work with TID to develop strategies to fund the irrigation modernization activities through grants and other revenue sources, promoting better management of groundwater use and reduced energy, operations, and maintenance costs to the district.

Reclamation will continue to collaborate with FCA to explore and undertake system improvement planning with other districts and associated refuge lands. Reclamation also works with districts directly and has funded numerous grants through the WaterSmart Program to improve the efficiency of Project facilities. These infrastructure projects have included piping of open laterals, installation of water measurement and water control devices, and remote sensing capabilities. These projects allow the districts to manage water more efficiently, helping align water supply and demand and maintain supplies for future seasons and generations.

Learn more about the work of the [Farmers Conservation Alliance](#) and [Tulelake Irrigation District](#) and exploring [Tule Lake National Wildlife Refuge](#) and [Lower Klamath National Wildlife Refuge](#).