

System Optimization Reviews - Fiscal Year 2010

The Water Replenishment District of Southern California, System Optimization Review for the West Coast and Central Basins of Los Angeles County will receive \$300,000 in Reclamation funding with a total project cost of \$1,086,766. The Water Replenishment District of Southern California will examine opportunities to improve the reliability of supplies that are connected to the State Water Project, the Central Valley Project, or the Colorado River Aqueduct. They manage groundwater for approximately 4 million residents of southern Los Angeles County.

The San Juan Water District, Sacramento Regional Integrated System Optimization Review will receive \$134,183 in Reclamation funding for a total project cost of \$284,462. The San Juan Water District, near Sacramento, will establish goals for a variety of water management improvements, identify and prioritize projects to meet those goals, and develop strategies to implement projects that enhance the greater Sacramento region's ability to ensure water supplies for all uses in a sustainable environment.

The Ochoco Irrigation District, Ochoco Irrigation District System Optimization Review will receive \$110,025 in Reclamation funding for a total project cost of \$229,219. The Ochoco Irrigation District in Oregon will review its operations to analyze ways to optimize water and energy efficiency. Activities include updating the District's water budget and prioritizing piping projects based on water savings, energy efficiency, and cost.

The Harlingen Irrigation District, Managing Water Resources Challenges through Planning will receive \$73,022 in Reclamation funding for a total project cost of \$150,887. The Harlingen Irrigation District in the Lower Rio Grande Valley in Texas will measure past water conservation improvements to prioritize future projects. The District will assess canal conveyance efficiency, application of Supervisory Control and Data Acquisition, automation, control structures, river and ancillary pumping, off-channel storage, and re-regulation of storage.

Providence City, Water Management and Efficiency Improvements Study in Central Cache Valley will receive \$48,020 in Reclamation funding for a total project cost of \$98,000. Providence City in the central Cache Valley in Utah will assess the potential for improved management of irrigation water for the Blacksmith Fork River and residential water supply from springs and wells for urban landscape irrigation. The City will quantify the amount of water to be conserved as a result of converting open canal to pipeline and the amount of water that could be better managed using a pressurized irrigation system.