

## FY 2010 WaterSMART System Optimization Review Grants

### California

#### **Water Replenishment District of Southern California, System Optimization Review for the West Coast and Central Basins of Los Angeles County**

**Reclamation Funding: \$300,000**

**Total Project Cost: \$1,086,766**

The Water Replenishment District of Southern California, which manages groundwater for approximately 4 million residents in southern Los Angeles County, 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. The District will assess ways to meet adjudicated pumping rights in each basin, reduce reliance on imported water, increase local supply production, remove contamination from key portions of the groundwater basins, maintain protections against seawater intrusion, and identify opportunities for environmental restoration. The District will also identify opportunities for a coordinated energy strategy for new water supply projects, including the use of renewable energy where feasible.

#### **San Juan Water District, Sacramento Regional Integrated System Optimization Review**

**Reclamation Funding: \$134,183**

**Total Project Cost: \$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 SOR will also identify objectives and goals for five key water management issues including water supply, water quality, water demand management, floodplain management, and natural resources management.

### Oregon

#### **Ochoco Irrigation District, Ochoco Irrigation District System Optimization Review**

**Reclamation Funding: \$110,025**

**Total Project Cost: \$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 District will also assess whether an existing diversion could be relocated to enhance flows on the Crooked River to enhance habitat for threatened Mid-Columbia summer steelhead. In addition, the District will evaluate creation of wetlands to enhance return flows.

