RECLAMATION
Managing Water in the West

U.S. Department of the Interior
Bureau of Reclamation

Colorado River Basinwide Salinity Projects

The Colorado River Basinwide Salinity Projects received $11.1 million in American Recovery and Reinvestment Act funding. This was combined with $4.7 million in cost-shared funding. State and local partners in this project included: Huntington Cleveland Irrigation Company, Eden Valley Irrigation and Drainage District, Red Cap Irrigation Company, Peoples Canal Company and Montezuma Valley Irrigation Company.

The five salinity projects are: Huntington Cleveland Irrigation Project in Huntington, Utah; Red Cap Irrigation Project in Duchesne, Utah; Peoples Canal Project in Manila, Utah; Farson/Eden Irrigation Project in Farson, Wyoming; and Lone Pine Canal Project in Lone Pine, Colorado. All began in January 2010 and were completed by March 2011.

Project Descriptions

The Huntington-Cleveland Irrigation Project abandoned 9.1 miles of canal and eliminated winter water in an additional 20.1 miles of canal by constructing and installing 5.1 miles of 30-inch and 60-inch pipe, three pressure reducing stations and two connections to existing regulating ponds.

The Farson/Eden Irrigation Project replaced existing earth lined laterals with pipe in a pressurized pipeline network system. Approximately 1.8 miles of canal were replaced with 8 to 18-inch pipe. An existing 2,450-foot earth-lined lateral was converted to a drainage lateral to drain the system in the fall.

The Red Cap Irrigation Project replaced 3.87 miles of the Red Cap Canal and 6.87 miles of laterals with a 10.16-mile pipeline conveyance system.

The Peoples Canal Project constructed two settling basins and a screening structure at the place where the canal begins and the point of diversion on the Henrys Fork River. The project piped the canal from the settling basin to the last user on the system, which is about 9.1 miles.

The Lone Pine Canal Project piped approximately 4.8 miles of the lower reaches of the Lone Pine Canal, with pipe ranging in size from 26 to 36-inches. The head pressure developed in this gravity pipe will also be utilized for existing and future on-farm sprinkler improvements.