

Carmichael Water District Project Wins National Recognition

Carmichael Water District's American River Pipeline Conveyance Project in November was awarded the prestigious American Water Resources Association's 2017 Integrated Water Resources Management Award, a national award recognizing outstanding IWRM teamwork on complex water resources projects.

In order to win the award, projects must advance and protect public health and safety and achieve restoration and protection of environmental quality, among other top goals.

According to the district, the American River Pipeline Conveyance Project "puts into action Integrated Regional Water Management agreements and solutions that successfully solve water supply reliability issues at a local level." The project was developed to provide a replacement water supply for Golden State Water Company's customers in Gold River and parts of the City of Rancho Cordova where supplies were lost due to groundwater contamination.

The \$6.6 million project works by allowing CWD to recover remediated Aerojet groundwater discharged to the American River, leverage existing



CWD General Manager Steve Nugent (holding plaque) proudly displays the district's 2017 Integrated Water Resources Management Award. (l-r) CWD Board Members Ron Greenwood, John Wallace, Roy Leidy, Nugent, Mark Emmerson and Paul Selsky.

capacity at its Bajamont Micro Filtration Water Treatment Plant to treat the water, and then deliver it to Golden State through a 7,400-foot pipeline.

The project also included an environmental restoration component involving the removal of 400 feet of 33-inch diameter exposed steel pipe dating back to the 1950s that had long been an unsightly presence in the river channel. In addition, three concrete intake and pump station structures, a failing riveted

steel culvert, and large buried valves were demolished and removed. The restoration culminated with the reconnection of an upstream riparian habitat that had been separated from the primary American River channel by freefall discharge from a 65-year old culvert.

"This is a great demonstration of public and private partnerships coming together to find solutions to achieve benefits for our community" said CWD's General Manager Steve Nugent. ♦