

## WATER REUSE - WATER QUALITY AND WATER RIGHTS CONSIDERATIONS

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### ABSTRACT

*In the western United States most of the available surface and groundwater has been appropriated. Additional supplies of fresh water for new or increased municipal demands may not be available. Because new water sources may be prohibitively expensive or unavailable, alternative water sources such as treated wastewater should be considered.*

*Large volumes of treated wastewater are available for reuse after discharge from municipally-owned sewage treatment plants. Treated wastewater can provide water supplies for a wide range of municipal, industrial, agricultural, and recreational purposes. The sale of wastewater can produce additional revenue, as well as jobs in the industries using the effluent. Wastewater can also be used for artificial aquifer recharge through stream beds or slow percolation through sand filters.*

