



## **Ira S. Rackley**

Senior Engineer, Water Quality Solutions, Inc.  
Years of Professional Experience: 47



### **Education and Licensure**

B.S.C.E Civil Engineering – University of Nevada, Reno 1968  
Registered Engineer - Nevada, P.E. #3576 California, C.E. #C26686

### **Experience & Qualifications**

Mr. Rackley has served as Principal-in-Charge and Project Manager for numerous municipal and industrial projects and is currently serving as Senior Engineer with Water Quality Solutions, with the primary responsibility of reviewing work products. Mr. Rackley has worked within the States of Nevada and California for over 45 years on many projects including those during his 15-year tenure with Kennedy Jenks, a California Corporation, and 11-year tenure with Black and Veatch. Mr. Rackley worked on many projects including municipal water systems, water quality in lakes, municipal storm drainage and flood control, river basin hydrologic analysis, water quality programs, water and wastewater permitting, flood mitigation, and water decrees with agricultural and municipal uses. Mr. Rackley is a licensed engineer in Nevada and California. Below are a few of the highlights of Mr. Rackley's career.

Mr. Rackley was appointed to serve as a member of the Nevada State Environmental Commission in 2003 and served for 6 years. As a Commissioner, he participated in reviewing and deciding regulatory and permitting issues involving the State of Nevada administration of EPA regulations for the Clean Water Act and the Safe Drinking Water Act.

Mr. Rackley served as the program manager for The Systems Conveyance and Operations Program (SCOP). SCOP was a regional program that provided a coordinated effluent management program between the City of Las Vegas, the Clark County Central Plant and Advanced Wastewater Treatment Plant, and the City of Henderson. The program was in response to a basin-wide watershed analysis to meet TMDL requirements in the Las Vegas Bay and to mitigate priority pollutants in the Las Vegas Wash and Lake Mead. A primary objective of the program is to protect Lake Mead as a source of drinking water for the Southern Nevada Water Authority. Mr. Rackley was the overall program manager for the development of the preliminary planning, the program EIS, and worked very closely with Dr. Imad Hannoun to develop a three-dimensional water quality model of Lake Mead. Mr. Rackley reviewed the data sets as the model was developed and the final project report.

Mr. Rackley served as the Manager of the Carson Water Sub-conservancy District (CWSD) from 1986 through 1998. During this time, he was in charge of the management and development of the District's programs including the analysis for flood control for the Carson River Basin, inter-basin water planning, permitting of regional storm water facilities, and represented the permitting of tri-county area programs for meeting regulatory water quality requirements.