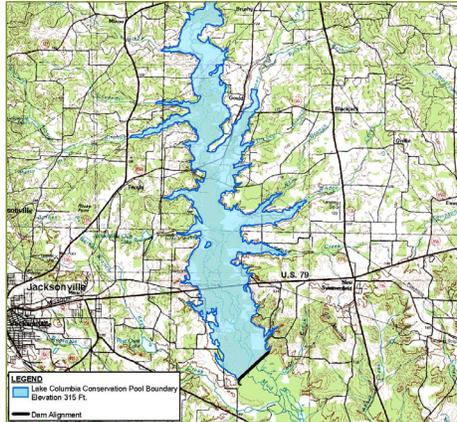


Water Supply Analysis



TRC's experts are prepared to address a host of water-oriented challenges. The following is a partial list of tools utilized to accomplish the client's project goals:

- WRAP
- Riverware
- HEC-1
- HEC-HMS
- HEC-2
- HEC-RAS
- SWMM
- TR-20 & TR-55
- NWS DAMBRK
- StormCAD

As a leader in Water Supply Analysis, TRC provides clients with a wide range of analytical evaluations. Services include watershed studies and modeling, reservoir and run-of-river diversion simulation, alternate system management evaluation, reservoir and system yield determination, pump and distribution system modeling, system efficiency analysis, water availability analysis, and water rights permitting. Our specialties include:

- Analytical Evaluations
 - Water Right Applications (Run-of-River and Reservoir)
 - Water Right Amendments
 - Proposed Water Right Impact Studies
 - Reservoir Operations Studies
 - Canal Operations Studies

- Related Services
 - Dam Design
 - Flood Management Studies
 - Facility Inspections
- Additional Services
 - Stormwater Management
 - Bridge Evaluation and/or Design
 - Dam Safety
 - Inspection
 - Water Quality and Wastewater Discharge Evaluations
 - Data Collection & Mapping (CAD/GIS/GPS)
 - Permitting (Federal, State, & Local)
 - Expert Testimony
 - Public Involvement & Education

About TRC

A pioneer in groundbreaking scientific and engineering developments since the 1960s, TRC is a national engineering, consulting, and construction management firm providing integrated services to the energy, environmental and infrastructure markets. We serve a broad range of clients in government and industry, implementing complex projects from initial concept to delivery and operation.

A publicly-held corporation listed on the New York Stock Exchange (NYSE:TRR) – NYSE's oldest environmental firm – TRC includes 2,300 technical professionals and support personnel in more than 70 offices throughout the U.S. Our clients depend on TRC's multidisciplinary teams to design solutions to their toughest business challenges.

TRC's Water Resource experts provide a variety of services for energy, transportation, infrastructure, and state and local development projects. Our diverse knowledge and experience allows us to successfully and efficiently achieve our client's goals. In addition, TRC's staff of accomplished scientists and technicians enables us to provide a unique blend of water resource services to a broad range of clients across the nation.

- Boot Ranch
- Brownsville Public Utilities Board
- DOW Chemical
- Falls County Water Control and Improvement District
- Lavaca Navidad River Authority
- Lower Colorado River Authority
- Texas Commission on Environmental Quality
- Texas Department of Transportation
- Texas Water Development Board
- The City of Seguin
- The Cascades Golf and Lakeshore Community
- Upper Trinity Regional Water District



TRC provided recommendations to Maverick County WCID on reducing water loss through their canal.



TRC completed a monthly water accounting system for the Rio Grande below Fort Quitman.



TRC performed yield and other operations analyses for the proposed Lake Ralph Hall in Texas.



TRC worked for the Lower Colorado River Authority on issues related to their water rights in Texas.

Why TRC?

- TRC's understanding of the unique challenges associated with water supply projects, and our full service engineering and environmental capabilities to address all phases of a successful water supply project.
- Assurance that each task, regardless of size or complexity, is completed with full appreciation of market, regulatory, engineering, construction, and operating requirements.

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