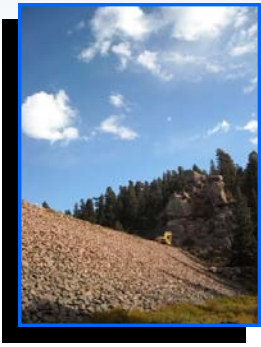




D A M S A N D R E S E R V O I R S

RJH Consultants, Inc. (RJH) is a geotechnical and water resources firm specializing in evaluation, civil design, and construction management for raw water supply systems, dams, reservoirs, and water conveyance infrastructure. Our projects range from small geotechnical explorations to large embankment dam design and construction. We manage projects with overall costs ranging from several thousand dollars to in excess of \$200 million.



The firm's primary expertise, experience, and identity are in feasibility, conceptual, and final design services for evaluation, design, rehabilitation, and construction of raw water storage projects. Specifically, RJH has successfully provided design and construction engineering services for over 20 dam projects since our company was established in 2005.

RJH provides comprehensive services in the following areas:

- Geologic and geotechnical assessment, investigations, and analyses to evaluate dam locations and foundation conditions; and develop material properties for foundations and embankments.
- Hydraulic and hydrologic design for spillways, outlet works, and terminal facilities.
- Structural design of spillway structures, intake structures, conduits, outlet works structures, and other appurtenant structures such as vaults and buildings.
- Preparation of Dam Safety Inspection Reports, Emergency Action Plans, Standing Operating Procedures, Operation and Maintenance Manuals, and floodplain modification studies.
- Dam Breach analysis to determine the potential hazard classification and the inundation area downstream of a dam.
- Planning and feasibility studies to identify water supply alternatives and water resource planning to develop Client water resources portfolio.
- Additional services include forensic analysis of dam deficiencies; design, installation, and evaluation of instrumentation; and dam safety inspections and investigations.



 *Project Experience Locations*

 *Professional Engineering Registration*