

TETRA TECH is a leading provider of consulting, engineering, program management, construction, and technical services addressing the resource management and infrastructure markets. The company supports government and commercial clients by providing innovative solutions focused on water, the environment, and energy. Approximately 10,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.

Tetra Tech is proud to be a member of the following industry organizations:

- Association of State Dam Safety Officials (ASDSO)
- United States Society on Dams (USSD)
- International Commission on Large Dams (ICOLD)
- National Hydropower Association (NHA)
- United States Hydropower Council
- Northwest Hydroelectric Association (NWA)



TETRA TECH
Rankings ('09)

1st in Water

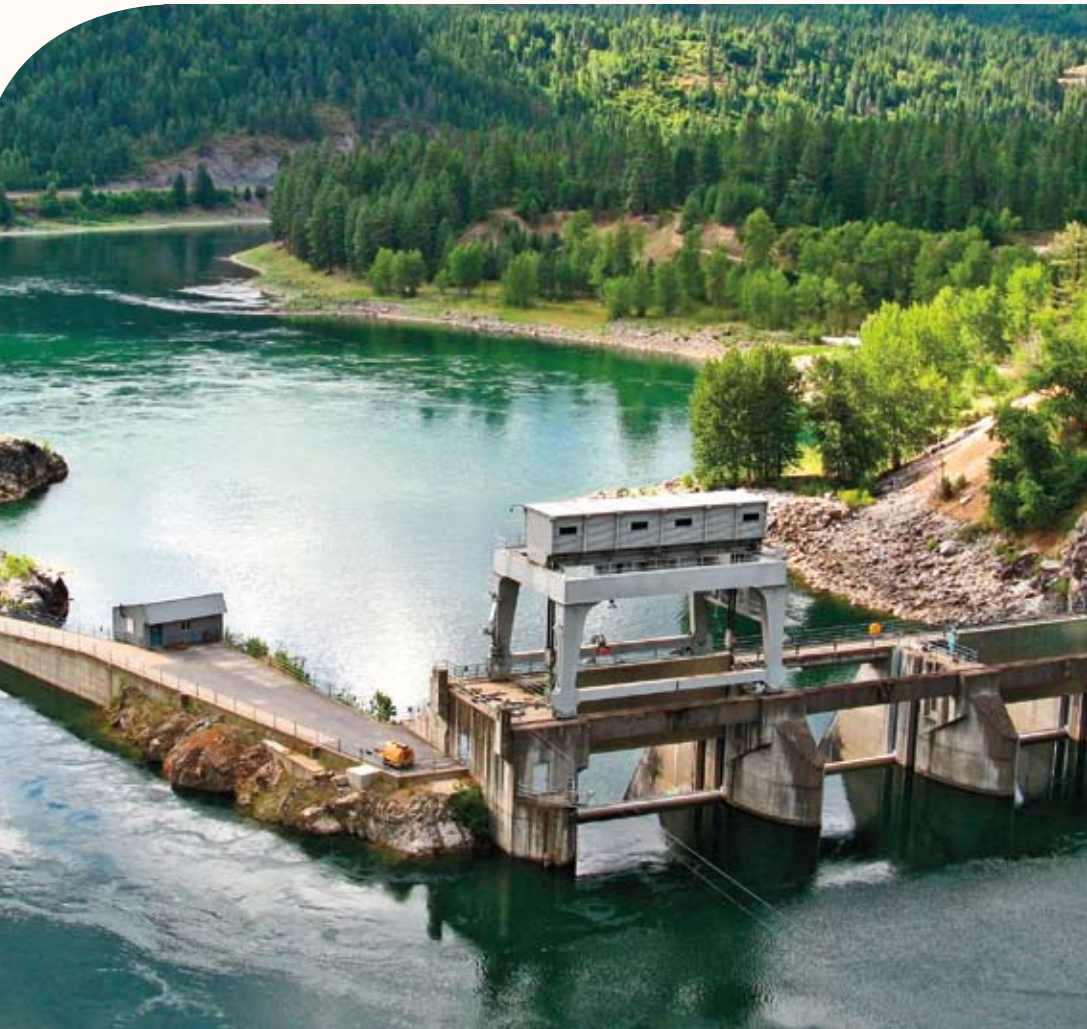
3rd in Hydroplants

4th in Dams and Reservoirs

8th in Design Firms

COMPANY FACTS

- Annual Revenue: \$2.3B (FY09)
- NASDAQ Symbol: TTEK
- Approximately 10,000 Employees
- 280 Offices Worldwide



TETRA TECH

CORPORATE HEADQUARTERS

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DAMS, LEVEES, AND HYDROPOWER SERVICES



DAMS, LEVEES, AND HYDROPOWER SERVICES

As the world's biggest—and most costly—structures, dams represent tremendous public and private investment. Tetra Tech provides technical excellence in comprehensive dam engineering services to protect our clients' assets during all phases of dam design, construction, rehabilitation, or decommissioning. Our experience encompasses planning; agency coordination and public involvement; hydrologic and hydraulic studies; sediment transport analyses; water quality analyses; embankment, spillway, and outlet works design; economic and environmental evaluation; plans and specifications development; cost estimation; and construction management. Today, more than 48,000 large dams are operating worldwide to provide drinking water, irrigate agriculture, produce renewable energy, and prevent floods—Tetra Tech provides clear solutions in the complex world of dams.

EXPERIENCE SECTORS

DAM REHABILITATION AND REMOVAL

A public agency or private property owner challenged by a deteriorating dam structure needs a diverse team of professionals. Tetra Tech can provide:

- Evaluation of alternatives and impacts
- Assessments of habitats and ecosystems
- Identification and mitigation of safety issues
- Upgrades to gates and valves
- Flood inundation mapping
- Emergency action plans

LEVEES

Tetra Tech has inspected, inventoried, and repaired hundreds of levees in California, Colorado, Washington, Arizona, Idaho, and Montana for accreditation under FEMA's nationwide remapping effort. These services include:

- Inspection and certification
- FEMA accreditation
- GIS-based levee databases
- Rehabilitation planning and design
 - Repair of animal burrows
 - Revetment
 - Reconstruction to prevent toe scour and overtopping
 - PL 99 eligibility



INVESTIGATION

- Geological/geomorphological studies
- Exploratory drilling
- Levee and storm protection structure evaluation
- Numerical and physical modeling
- Bathymetric surveys
- Laser scanner surveys
- Side-scan sonar, sub-bottom profiling

CIVIL AND GEOTECHNICAL ENGINEERING

- Infrastructure planning, design, and construction
- Embankment design
- Spillway design
- Shoreline and canal engineering
- Structural inspection and design

MECHANICAL AND ELECTRICAL ENGINEERING

- Outlet works
- Gates and valves
- Powerhouse
- Transformers and switchyards
- SCADA systems

Tetra Tech's comprehensive experience, vast technical resources, and financial strength have been proven through four decades of service on all aspects of dam and levee projects. Our work spans embankments, spillways, outlet works, canals, and levees for projects in the United States and abroad.

HYDROPOWER

Tetra Tech provides a full suite of services to the hydropower industry, from concept through construction support. The firm's broad engineering experience – integrated with exceptional hydrology, hydraulics, sediment transport, geomorphology, biologic, and water quality expertise – facilitates economically sustainable solutions. These services include:

- Permitting
- Financial feasibility assessments
- FERC relicensing support
- Environmental studies
- Socioeconomic analyses
- Renewable energy credits
- Detailed technical design
 - Integrated structural, mechanical, and electrical engineering
 - Micro-hydro to large-scale hydro plants and transmission infrastructure

REPRESENTATIVE CLIENTS

DAMS

- US Army Corps of Engineers
- US Bureau of Reclamation
- US Natural Resource Conservation Service
- State of Alaska
- State of Colorado
- San Bernardino County, California
- Denver Water, Colorado

LEVEES

- US Army Corps of Engineers
- Riverside County, California
- San Bernardino County, California
- Ventura County, California
- City of Aurora, Colorado
- City of Toledo, Ohio
- Washington, District of Columbia

HYDROPOWER

- Cowlitz County, Washington
- City of Seattle, Washington
- National Grid
- GDF SUEZ Energy North America
- Brookfield Renewable Power
- Ross Management
- Domination Generation



SECURITY SERVICES

- Security assessment, planning, design, and engineering
- Organizational assessments and strategic consulting
- Security program management
- Energy action plans

ENVIRONMENTAL SERVICES

- Water quality and storm water compliance monitoring
- Hydrodynamic, sediment, and water quality modeling
- National Environmental Policy Act (NEPA) services
- Federal, state, and local permitting
- Marine and aquatic resource surveys

DECOMMISSIONING

- Hydraulic studies
- Sediment transport analyses
- Fish passage
- Bank protection