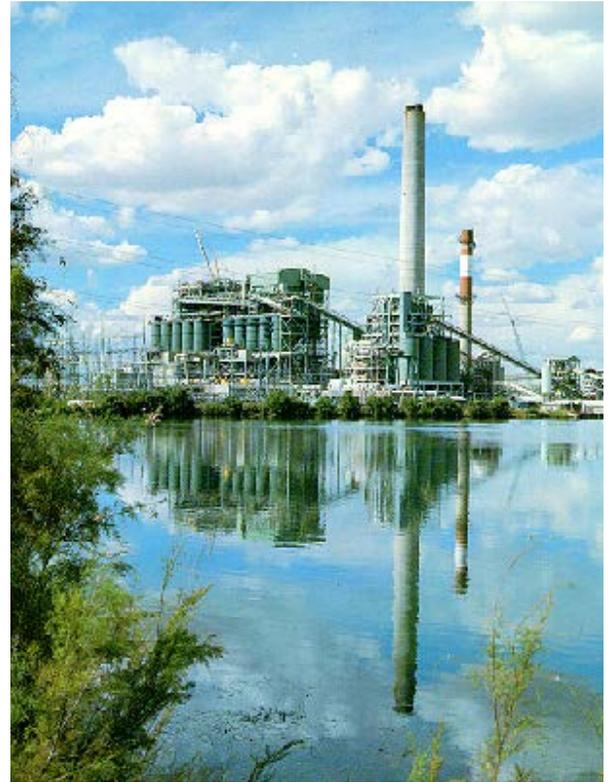


# Water and Wastewater Services for the Power Industry

**Water use has become a sensitive community issue, as well as a technical issue, for power facilities. Tetra Tech can work with you to manage selection and use of water sources, as well as design and control of wastewater and stormwater discharge from your facility.**

Our energy and water practices reflect two major focus areas within Tetra Tech. In fact, Tetra Tech has been ranked number one in Water by *Engineering News-Record* for ten years in a row. Our integrated approach to meeting the power industry's water and wastewater needs combines our energy expertise with the use of state-of-the-art techniques and best practices utilized in our work providing safe, abundant water supplies; effective treatment of stormwater and wastewater; flood control and restoration tools; and innovative techniques for assessing, protecting and restoring water bodies. Beyond technical expertise, we can provide stakeholder engagement and agency negotiations to facilitate communication of project needs and achieve a successful project outcome.



## **Tetra Tech's water and wastewater services for the power industry include:**

- Feasibility evaluation of potential water sources (including treated effluent) and wastewater discharge options for proposed facilities
- Permitting support and compliance assistance
- Groundwater water supply investigations and source development
- Surface water intake and discharge design
- Stormwater and flood zone management
- Water and wastewater treatment system design
- Pipeline and impoundment design
- Cooling alternatives analysis and design

Whether considering new project development, managing a construction project, compliance with new regulations, or addressing a potential issue at an operating facility, Tetra Tech can provide expert support to meet your needs.

**Tetra Tech** is a leading provider of consulting, engineering, program management, construction management, and technical services. The Company supports commercial and government clients by providing innovative solutions to complex problems focused on water, environment, energy, infrastructure, and resource management. With 13,000 employees worldwide, Tetra Tech's capabilities span the entire project life cycle.

## Tetra Tech offers the full range of technical services to support water and wastewater needs associated with proposed and existing power generating facilities.

### Permitting and Environmental Planning

Tetra Tech provides full service planning, permitting and compliance services focused on water resource issues, including water intake and discharge permitting, wetlands and waterbody encroachment permits, watershed management and restoration, contaminated sediments stabilization/removal and spill containment and countermeasure plans.

### Storm Water and Floodplain Management

From disaster prevention and contingency planning to design of stormwater management plans, erosion/sedimentation control plans, and dams or impoundments, Tetra Tech's engineers bring the technical, regulatory and operational knowledge to address water flow issues that minimize facility risk.

### Waterfront and Coastal Engineering and Resources Management

Tetra Tech brings risk assessment and emergency preparedness to waterfront facilities, as well as providing the full range of shoreline engineering, geotechnical services, restoration, and in-water services (bathymetry, hydrodynamic modeling, water quality, geophysical, biological

field sampling, and sediment and dredging management).

### Water Resource Supply and Management

Through our work providing drinking supplies for public and private entities throughout the world, Tetra Tech's knowledge can support feasibility evaluation and development of power facility supplies, water treatment design or design and construction of related infrastructure.

### Groundwater

Whether developing and operating a groundwater source, addressing remediation or considering potential effects on surrounding users, Tetra Tech can support your needs with aquifer testing, well drilling, modeling, and design.

### Water and Wastewater Treatment

Tetra Tech's experience in the design and operation of biological and physical/chemical processes associated with water and wastewater treatment gives us the ability to assess use of treated effluent as a water source, evaluate and design potential water source and discharge facilities (including zero liquid discharge), and design conveyance piping.



### Tetra Tech Water and Wastewater Treatment Capabilities:

- Consistently ranked No. 1 in Water by Engineering News-Record
- Full service planning, permitting, engineering, construction and operation support

### Company Facts:

- 13,000 employees
- Annual revenue: \$2.5 billion (FY2014)
- NASDAQ Symbol: TTEK
- Geographic reach: More than 300 offices worldwide



### For more information:

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