



WATER. WHATEVER THE CHALLENGE, WE'VE GOT WHAT IT TAKES.

ENGINEERING CRYSTAL-CLEAR SOLUTIONS FOR YOUR WATER PROJECTS.

Clean, safe water is essential to life—whether it's drinking water, water as a food source or water as the gateway to a community. Tetra Tech, as number 1 in water (ENR* ranking), has an enviable track record in assisting authorities to provide safe, sufficient water supplies; effective treatment of wet weather runoff and wastewater; flood control and restoration; and innovative watershed protection approaches to assess, protect and restore our bodies of water.

We can assist authorities and private corporations in virtually any situation.

We call this full-spectrum water management leading with the latest technologies and science.

A VAST TALENT POOL. RESPONSIVE, RESPONSIBLE, AND RESOURCEFUL.

With more than 50 expertise centres across this vast country, we have leading engineers, technicians and consultants, as well as esteemed scientists and thinkers, who are constantly evolving and innovating to manage local environmental issues and infrastructure assets. Tetra Tech in Canada is perfectly positioned to assist you in all components of the water cycle.

Simply put: We are Big in Water Sciences.

*Engineering News-Record Magazine.

A PROVEN TRACK RECORD IN SIX CRITICAL MARKET SECTORS.

DRINKING WATER

- Searching for new water supply sources
- Design and upgrade of water treatment plants and facilities
- Oxydants and disinfectants (chlorine, ozone, chloramines, chlorine dioxide and UV)
- Membrane systems (micro, ultra, nano and reverse osmosis filtration)
- Water catchment storage structures and pumping stations
- Water audit and drinking water conservation strategies
- District metering area and pressure optimization of distribution networks

WASTEWATER TREATMENT

- Treatability characterization and validation
- Wastewater treatment plant design
- Upgrading to current standards of installations
- Water catchment infrastructure design
- Management and reclamation of biosolids

WET WEATHER MANAGEMENT

- CSO/SSO control program development and management
- Flood alert, control and mitigation programs
- Integrated wastewater management plans
- Inflow & infiltration (I/I) studies
- Stormwater and drainage studies
- Specialized modeling with SWMM, XP-SWMM, PC-SWMM, InfoWorks, Mike-Urban, Hydra, etc.
- Facilities design for storage, treatment and green infrastructure
- Real time control design and implementation

OCEANOGRAPHY AND LIMNOLOGY

- Three-dimensional circulation and water quality modeling
- Field investigations: moored and hand-held
- Physical limnology and reservoir studies
- Source water protection studies
- Marine outfalls and DSTEP system design and permitting
- Meteorological and air quality instrumentation
- Air quality modeling
- Oil spill trajectory and fate modeling

RIVER HYDRAULICS AND ENVIRONMENTAL SERVICES

- Environmental impact analysis
- Analysis and solutions for flood-prone areas
- Ice dynamics analysis
- Erosion and stability studies for riverbanks and coastal areas
- Hydraulic and hydrological studies
- Environmental certification and licensing
- Livestock effluent management
- Land remediation and waste management

INDUSTRIAL AND MINING SOLUTIONS

- Water balance
- Geochemistry
- Hydrogeology
- Water treatment and recycling
- Process water management



A NATURAL FIT.

The world's longest coastline at 243,792 km, 31,700 freshwater lakes (more than any other country), and an infinity of critical water challenges locally. **We are Tetra Tech in Canada. Big in Water Sciences. From coast to coast to coast.**

More than 14,000 associates in more than 330 offices around the world.



1-855-786-0707 | info@tetrattechcanada.ca | tetrattech.com