

ENVIRONMENTAL EXCELLENCE.



SMART SCIENCE-BASED SOLUTIONS

Whether you require the preparation of environmental assessments, assistance with regulatory compliance issues, or detailed engineering designs, our unique combination of science-based solutions is there to guide you.

Tetra Tech in Canada has the full range of skills necessary to assist you in meeting your environmental needs. Our multi-disciplinary teams of experts are ready to listen and advise. Our skills in stakeholder engagement, natural sciences, environmental engineering and environmental regulations can be immediately applied to your project. Our services include project planning, project design, socio economic and life-cycle assessments, project regulatory approvals and commissioning studies.

Tetra Tech can also help in making your project more cost effective during the planning, design, construction and start-up phases, as well as decommissioning at the end of the facility's life. We consider sustainability at the core of every project. Our unique approach combines our comprehensive understanding of local conditions and regulations.

Tetra Tech can draw on a staff of more than 1,000 in 60 offices across Canada and the north. We specialize in assisting our clients in the mining, oil and gas, solid waste, transportation, power, and water sectors.

We believe in finding practical solutions that are based on science and tailored to our clients' needs.

WE OPERATE IN THE FOLLOWING SECTORS :

WATER – MUNICIPAL INFRASTRUCTURE – POWER – TRANSPORTATION - BUILDINGS - OIL AND GAS – MINES AND METALS - INDUSTRIAL

A PROVEN TRACK RECORD IN ENVIRONMENTAL ASSESSMENT, REGULATORY COMPLIANCE AND ENVIRONMENTAL ENGINEERING

ENVIRONMENTAL ASSESSMENTS

- Permitting
- Regulatory compliance
- Risk management metrics
- Biophysical inventory
- Ecosystem management
- Environment, health and safety

ECOLOGY AND SPECIES AT RISK

- System management
- Wildlife birds, fish and habitat assessment
- Species at risk and rare plant studies
- Habitat mitigation and restoration
- Linear infrastructure
- Construction monitoring and compliance
- Human health and ecological risk assessment
- Ecological receptors and remedies

WATER RESOURCE MANAGEMENT

- Groundwater aquifer geology
- Hydrogeology
- Water resource management
- Wastewater management

GEOGRAPHIC INFORMATION SYSTEMS (GIS)

- Remote sensing
- Spatial analyses
- 3-D representation

LINEAR CORRIDOR SELECTION

- Pipelines and power lines
- Biophysical inventory mapping

CONTAMINATED SITE ASSESSMENTS

- Phases I and II environmental site assessments
- Stages I and II preliminary and detailed site investigations
- Remediation recommendations

ENVIRONMENTAL MANAGEMENT SYSTEMS (EMS)

- Planning and frameworks
- ISO 14001
- Training

GREENHOUSE GAS EMISSIONS

- Inventories
- Carbon offsets
- Life-cycle assessments

RENEWABLE ENERGY DEVELOPMENT

- Geothermal systems
- Hydro and wind power modelling

WASTE MANAGEMENT PUBLIC AND PRIVATE SECTORS

- Facility master planning
- Zero waste/organic waste
- Landfill gas collection

PUBLIC CONSULTATION AND COMMUNICATIONS

- First Nations (southern and northern Canada)
- Public outreach
- Visual simulation

DOCUMENTATION

- Project documentation/reports
- Databases



SUSTAINABLE SOLUTIONS.

Serving Canada responsibly, responsibly and resourcefully, the Environment team at Tetra Tech in Canada provides comprehensive, multi-disciplinary sustainable solutions that efficiently bring projects to market 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