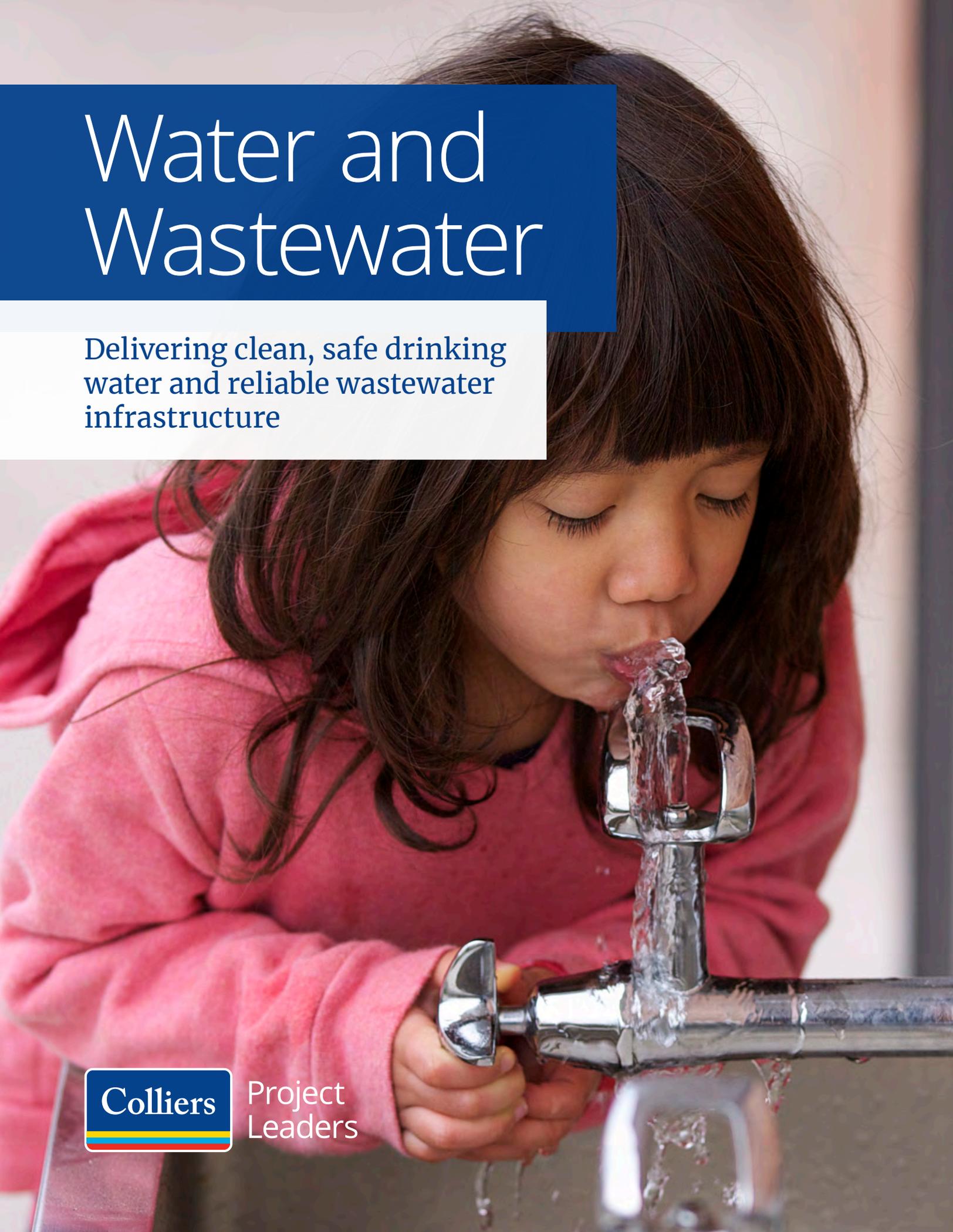


Water and Wastewater

Delivering clean, safe drinking water and reliable wastewater infrastructure



Colliers

Project
Leaders

A photograph of a water treatment plant featuring several large blue vertical pumps and pipes. In the background, a large grey cylindrical tank is visible, with a blue pipe labeled 'POTABLE WATER' extending from it. The sky is bright blue with scattered white clouds.

Your community relies on your organization to deliver clean drinking water and safely treated wastewater.

Keeping pace with aging water infrastructure and growing populations requires intentional, ongoing asset planning and project work. It also means engaging effectively with regulatory agencies, conservation authorities and other stakeholders.

Whether you are trying to secure funding for a new water project, ensure more cost certainty, or apply innovative technology to build more energy efficient wastewater systems, engaging experienced advisory and project management experts can help.

“We have specifically benefitted from Colliers Project Leaders’ leadership and expertise. The success of the project reflects their understanding of the project development and management process, and their ability to incorporate the district’s specific desires — that this project be sustainable, innovative and a business development opportunity — into the overall project.”

— Paul Nash
Project Coordinator, Sechelt Water Resource Centre

Strategic design and funding advisory

Water and wastewater projects typically take years of planning and substantial capital funding. Completing a strategic analysis of your municipality's current water and wastewater assets will help you identify and prioritize the immediate and long-term upgrades and expansions your community needs. Working with an experienced infrastructure advisor from a project's initial concept stage enables you to make critical decisions early on to optimize budget and schedule. As owner representatives, our goal is to manage risks and ensure your municipality successfully implements the right infrastructure solutions.

Adding capacity to existing facilities to handle growth and regulatory demand is another challenge many water authorities and municipalities face. We can help you find efficient and cost-effective ways to provide water and wastewater services for your entire community. This includes initiatives to update existing facilities without increasing their physical footprint, using advanced technologies and developing energy efficient solutions.

We can support the success of your project through the following advisory services including:

- Conducting an options analysis and business case development
- Performing an asset management evaluation
- Sourcing and preparing federal and provincial funding applications
- Navigating regulatory frameworks for project approval
- Reviewing budget allocation and project estimates
- Setting budget benchmarks throughout design and construction
- Performing bid document reviews
- Reviewing designs to confirm alignment with your project goals
- Identifying, quantifying and analyzing risks
- Developing a risk management plan and risk register
- Generating strategies to mitigate supply chain risks
- Advocating on your municipality's behalf with other jurisdictions, regulatory authorities, and project stakeholders, including government agencies and Indigenous communities



Project management, from design through to commissioning

We can help guide your project to completion using our extensive experience managing the design and construction of water supply and wastewater collection systems and treatment facilities. By actively managing your project's progress against its schedule and budget, we will note any deviations and work with the project team to minimize their impact so that you stay ahead of potential disruptions. We can build in operational and growth safeguards that better enable you to accommodate future unknowns.

Our experts can help support communication among project stakeholders, including staff and elected officials, conservation authorities, Indigenous leaders, and provincial and municipal regulators, to align interests and minimize the effects of any unforeseen changes during construction. Additional services we offer include:

- Establishing, managing and overseeing project goals and deadlines
- Monitoring project scope, schedule, risks and budget
- Performing site assessments and reporting on project progress
- Procuring specialty consultants and contractors
- Helping identify key decision-makers and establishing a process early on to align stakeholder objectives and priorities
- Developing a comprehensive and clear ongoing communication plan that keeps all stakeholders in the know
- Setting up an appropriate governance model so stakeholders understand their roles and responsibilities
- Developing a long-term operational business plan
- Organizing ongoing training for local operators
- Creating policies and procedures for maintaining facility maintenance

A quality control and quality assurance process is critical to the health, safety and sustainability of your water and wastewater treatment systems and facilities. We can help you organize required training and develop an operational business plan that clearly defines the roles different internal departments and external service providers will play to sustain ongoing operations and maintenance.



Safe water for every community

Many Indigenous communities are still dealing with long-standing boil water advisories. And those relying on well systems often struggle with water shortages and contamination due to runoff. Securing approval and funding for Indigenous projects, as well as ongoing operations and maintenance, can be challenging — adding further delays in getting new water and wastewater infrastructure projects started.

Our teams understand that successful project delivery takes more than technical expertise. It requires transparency, collaboration and inclusiveness, as well as clear recognition of what makes a community unique.

Whether it's managing the transport of materials to remote locations, helping assess connected water systems to ensure they can handle flow increases, or supporting work for qualified local contractors, we partner with Indigenous leaders to achieve their project vision — respecting environmental, cultural and community objectives and reporting structures.

“Colliers Project Leaders takes the time to visit our community, listen to our stories, celebrate in our successes, take part in our traditions and understand who we are and what is important to us. They don't just make sure our projects are successful, they make sure our people are successful by ensuring project decisions align with our cultural values and community needs.”

— Deh Gah Got'ie Kue
Home of the River People, Fort Providence, Northwest Territories



National presence, local focus

30+

offices across
Canada

ISO

9001:2015

250+

PMP-accredited staff

99%

on-time project delivery

15,000+

public- and private-
sector projects

1

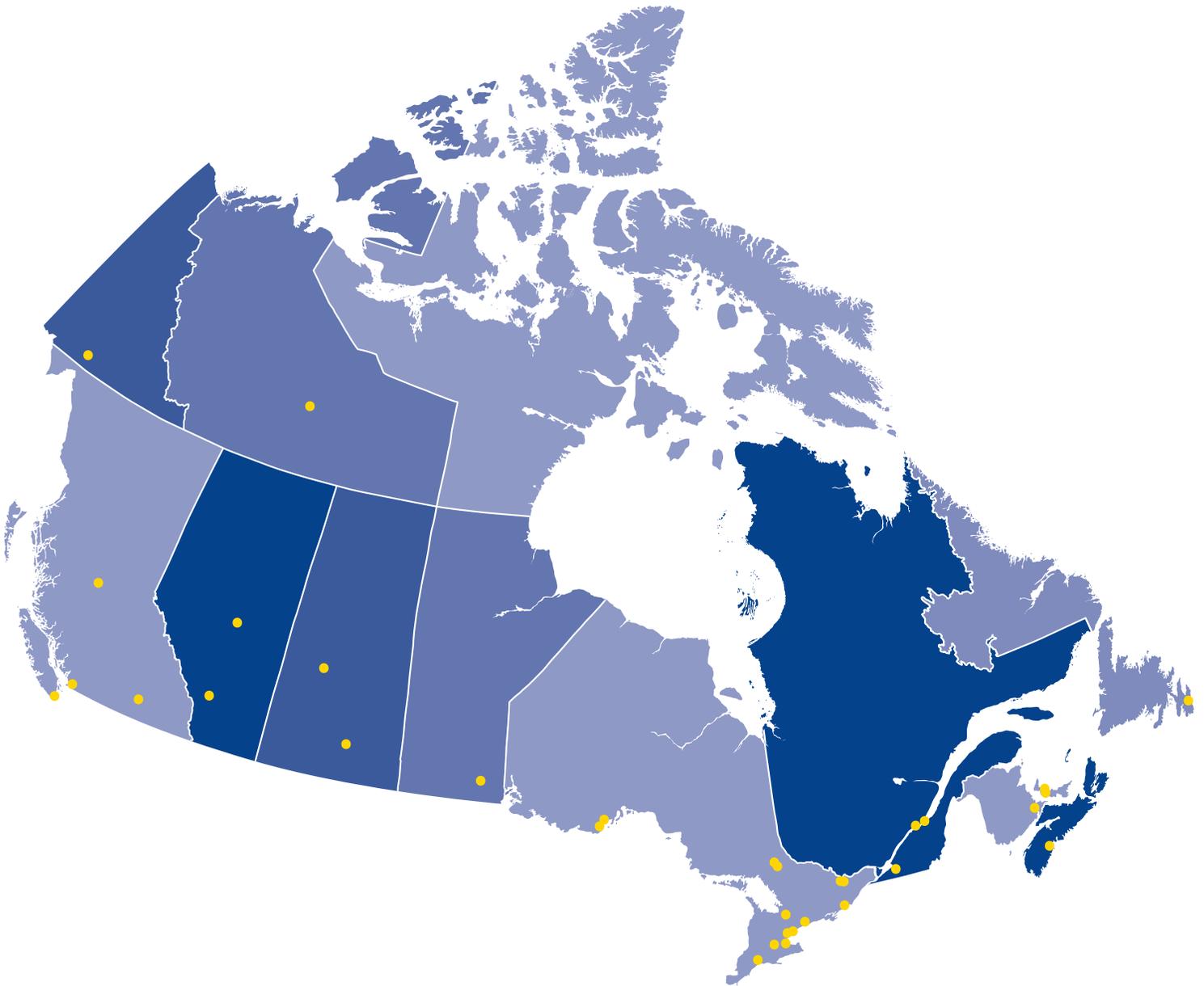
local point of contact and a
network of specialists for support

30+

years experience

75

Net Promoter
Score



Our full service offering

Get it Right Solution™

**Get it Right
Solution™**

Get it ready

Get it built

Get it performing

Get it ready

Enterprise program management

- Program/project management office (PMO) reviews, development and support
- Program/project governance and oversight
- Program/project management best practices, process mapping training and tools
- Project portfolio assessment management

Strategic portfolio intelligence

- Investment, feasibility and accommodation analysis
- Due diligence and needs assessment
- Business case preparation and development
- Portfolio optimization and revitalization planning

Get it built

Comprehensive project management

- Project oversight and monitoring
- Integration, scope, schedule, cost, quality, resources, communications, risk, procurement management and stakeholder engagement
- Sustainability objectives

Colliers Bid Document Review™

Constructability analysis

Design review

Dispute and claims resolution

Contracting and procurement advice and support

- Contracting and procurement options analysis
- Client bid procurement support and evaluation
- RFP development and implementation

Furniture, fixtures and equipment planning

Operational readiness, transition planning and efficiency assessments

Get it performing

Asset management

- Acquisition, investment and disposal strategies for real property assets
- Operational effectiveness
- Value, efficiency and cost optimization

Critical building systems review

Performance audits and reviews

- Compliance and improvement strategies
- Independent project reviews and health checks

Post-occupancy program

Warranty period oversight



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