

KNOW-HOW

Feasibility studies

Pilot studies

Preliminary design

Plans and specifications signed
and stamped with the seal of engineers
endorsed by both the OIQ and PEG

Project management

Production of detailed schedules
and budget estimates

Site supervision

Quality and cost control

Start-up test and facility
performance monitoring

Technical assistance for operators
of water treatment plants and
pumping stations

Technical and administrative support

Logistics and project management
in Northern Quebec



*Expertise and
Customized Know-how!*



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Schefferville

Québec



Your Projects, Our Passion

Bruser is a well-established engineering consulting firm with a multidisciplinary team of engineers and technicians renowned for their expertise, integrity and top quality, customized services. For almost twenty (20) years, we have been painstakingly attentive to the needs and requirements of our clients, offering support throughout project completion. Owing to our methodology, we have refined our engineering skills and know-how in the following fields: management and treatment of drinking water and wastewater, control and instrumentation, road infrastructure, construction of municipal service buildings, and construction project management.

The skills required from engineers to exercise their professional activities change rapidly and continuously. To keep up to date on the latest technologies and newest regulations applying to their fields of expertise, Bruser's employees engage in continuing education year round. We are committed to the ongoing delivery of innovative, intelligent and efficient solutions to our clientele.

Bruser has been involved in engineering in the Province of Quebec since 1996 and in Newfoundland and Labrador since 2008.

Our Aim *Exceeding your requirements...*

Our know-how and ability to communicate efficiently with the different stakeholders involved in a project enables us to manage the implementation of projects in a professional, diligent manner surpassing our clients' initial requirements.

Our Strength *Our Passion...*

The success of a project is linked closely to the involvement of stakeholders in its implementation. Our team brings together engineers and technicians driven by the wish to excel professionally and meet all client needs. To achieve this, Bruser's employees constantly perform their work in a thorough and ethical manner to maximize the value of clients' projects.

Bruser's dynamic, experienced engineers and technicians rise to new challenges with integrity and passion.

Drinking water

Supply:

- Study of the client's needs
- Search for raw water sources
- Hydrogeological studies
- Conception of works for the collection and storage of water
- Optimisation of existing infrastructure

Wastewater

Collection:

- Conception of pumping stations and collection network
- Follow-up, evaluation and optimisation of pumping systems and the networks

Municipal infrastructures

Treatment:

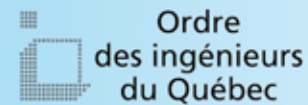
- Characterization and treatment tests
- Organization of pilot studies
- Conception of water treatment plant
- Improvement and upgrade of existing installations to meet current standards

Distribution:

- Conception of pumping stations and distribution networks
- Follow-up, evaluation and optimisation of pumping systems and the networks
- Hydraulic balancing
- Improvement and upgrade of existing fire pump groups to meet current standards

Evacuation of wastewater:

- Conception of evacuation works



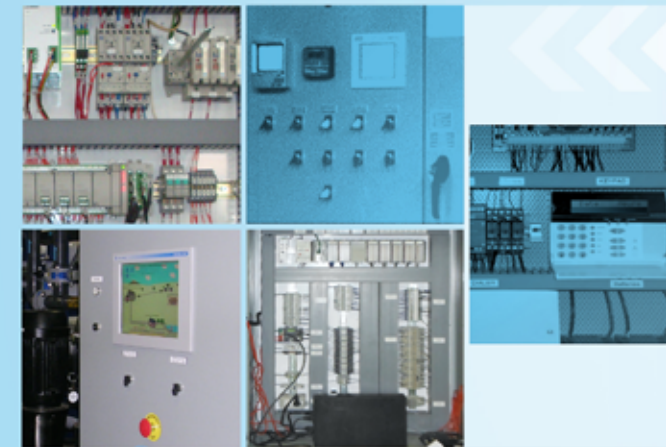
Water For People-Canada
De L'eau Pour Tous-Canada



Instrumentation and controls

(for drinking water and wastewater systems)

- > Selection and configuration of instrumentation equipment and controls
- > Elaboration of process diagrams and schematic drawings for electrical connections
- > Determination of the needs of the operators' interfaces, the alarms, the reports and follow-up using automatically generated graphics
- > Conception of supervision posts with access to long distance controls and connectivity (SCADA)



Road Infrastructures

- < Analysis of scenarios
- < Evaluation of costs
- < Upgrading of existing infrastructure
- < Conception of road infrastructure for residential and commercial development
- < Construction supervision and quality control



Municipal Service Buildings

Building Mechanicals

- > Plumbing
- > Heating
- > Ventilation
- > Air conditioning
- > Electricity
- > Emergency generators
- > Fire protection systems
- > Intrusion alarm systems

Structure

- > Concrete
- > Steel
- > Wood

