

The provision of clean water supply and the treatment and disposal of domestic and industrial waste are often closely inter-related. Our water and wastewater systems practice focuses on the technologies and approaches needed to provide clean water and manage effluents. In most cases these services are provided by governments. In some cases, however, private industry requires its own water supply system and may also provide its own sewage treatment facilities.

Behind each facility design are three key steps:

- First, the treatment process appropriate for the specific situation needs to be defined.
- Next, the technology required to implement that process needs to be designed.
- Last, the building, mechanical and electrical support systems to house the facilities need to be provided.



Our water and wastewater systems practice has highly trained professionals who can both define the appropriate treatment process and design the system requirements. Working closely with staff from our buildings and facilities practice, the building enclosure and support systems can also be designed in-house. In this manner a fully integrated solution to our clients' water supply or wastewater treatment needs is provided.

As with other areas of infrastructure, the traditional implementation by government has undergone changes over the last few years. Currently many facilities are being implemented under a public-private partnership model. We are well versed in the delivery method and have undertaken the design and development of several facilities on behalf of private sector partners. As well, we have represented public sector owners in this process, ensuring that solutions are appropriate to client needs and expectations.

