



# AECON WATER INFRASTRUCTURE

When it comes to the delivery of innovative water and wastewater solutions for public and private sector clients, Aecon Water leads the way. As a single source provider, Aecon Water effectively manages, procures, constructs and commissions water and wastewater treatment facilities within design-build and Public-Private Partnership (P3) delivery models.

Successfully delivering complex water and wastewater projects for more than 50 years.

## SERVICE CAPABILITY

Aecon Water provides a full range of turnkey concept-to-completion capabilities for water and wastewater construction. Our service offering ranges from site/civil works and building construction (sub-surface, steel, concrete) to process mechanical (equipment installation, testing and commissioning) through to electrical, instrumentation and control system integration. When it comes to water and wastewater, Aecon Water offers the complete solution.

- // Site services and building construction
- // Water management
- // Process electrical and instrumentation
- // Process mechanical
- // Treatment processes
- // HVAC systems
- // Gas detection
- // Odour control systems
- // Commissioning and start-up
- // PLC and SCADA programming

## Fabrication

With fabrication facilities located across the country, Aecon Water provides a one-stop solution for all mechanical and piping components. Our fabrication offerings include a full range of metal pipes, plumbing fixtures, plastic and copper piping, as well as related assemblies. Off-site fabrication provides our clients with significant cost and schedule benefits, while still guaranteeing an enhanced quality product. Aecon Water's extensive fabrication experience extends up to 120" diameter piping for water and wastewater construction projects.

- // Process piping fabrication
- // Pipe modules
- // Structural steel fabrication
- // Plumbing modularization
- // Material management

## Virtual Design & Construction (VDC)

Always looking to adopt the most forward-thinking construction techniques, Aecon Water employs the use of Virtual Design and Construction (VDC), also known as Building Information Modeling (BIM), for the majority of its construction projects. The combined power of 3D visualization and data management in our construction models allows our team to plan ahead with confidence, streamline the overall design process and, ultimately, construct and manage projects with greater reliability.