

Hatch Water Services to the Mining and Metals Industry

Hatch at a Glance

Hatch is an employee owned company with global offices containing approximately 9,000 professionals headquartered in Mississauga, Ontario, Canada servicing the Metals, Infrastructure and Energy Sectors. Through the recent acquisition of LTK Engineering, Hatch's US work force was doubled. Hatch's major US offices are located in Pittsburgh, Philadelphia, Houston, Salt Lake City, Tampa and Scottsdale.

Our range of services covers total life cycle business support from business and facility planning to completion of projects from concept through the provision of engineering and project management, and training and maintenance services.

Our clients benefit from a diverse range of industry expertise, effective integration of project management and control systems, innovative approaches to project delivery at lower cost with shorter construction and ramp-up schedules, improved and extended plant performance, and leadership in the areas of safety, quality, and sustainability.

At all times, we are committed to satisfying our clients and supporting the achievement of rational and financially responsible business cases either through studies, EPCM projects, upgrades, automation, technologies or projects undertaken within operations support alliances.

Hatch Industrial Water Services

Hatch's industrial water services are differentiated and unique in that we take a process-led, holistic, interdisciplinary approach to effective water management and treatment – throughout the life of an asset. We provide technical consulting; feasibility studies through detailed design; treatability testing; management of construction and commissioning; and operational support to industrial clients in mining, metals, and energy (including the oil and gas, nuclear, and power).



U.S. Steel Gary Works
Chrome Treatment Plant



Lundin Eagle Mine: Pit Water Treatment
Plant Upgrade



+ Marathon: First of its Kind Membrane Bio-Reactor



U.S. Steel Gary Works
Demin Water Plant

We thrive on projects that are:

- Difficult and/or first of their kind;
- Incorporate the “big picture”; and,
- Demand efficient use of capital (CAPEX, OPEX, lifecycle costs, and consider site closure).

Areas of Expertise

Water Infrastructure

- Conveyance Infrastructure
- Dams & Reservoirs
- Collection & Distribution
- Automation, Networking, Data Analytics
- Stormwater Control
- Intake & Outfall Structures

Water Resource Management

- Water Resource & Waste Baseline Studies
- Surface Water & Hydrology
- Groundwater & Hydrogeology
- Geochemistry
- Water Balance & Chemistry Models
- Integrated Water & Waste

Water Treatment

- Physical-Chemical Treatment
- Biological Treatment
- Membrane Technology
- Ion Exchange
- Water Reuse & Zero Liquid Discharge
- Automation, Networking, Data Analytics
- Operational Support

Environmental Services

- Environmental Permitting & Regulatory Compliance:
 - Permit application support and studies
 - Due diligence reviews
 - Permit registry and permit schedule
 - Water (surface and groundwater)
- Environmental Assessment & Management:
 - Environmental baseline studies/due diligence
 - Environmental impact assessment & cumulative effects assessment
 - Environmental management plans

Contacts

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