

The background of the entire image is a photograph of an industrial facility. In the foreground on the right, a large, vertical metal pipe is visible, topped with a black valve actuator and a large, three-spoked metal handwheel. In the background, a modern industrial building with a light blue, vertically-slatted facade and a long, curved glass window line is visible. A metal staircase with a circular platform at the top leads to an upper level of the building. The sky is overcast with grey clouds.

GHD Oil and Gas - Water Management

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

For more than 90 years, we have been at the forefront of the water industry, delivering sustainable outcomes for our clients across the globe. We're committed to sustaining the communities in which we operate. Our integrated water solutions address every element of the water cycle – from catchment to tap – for urban, rural and industrial water applications.

Produced water management presents unique challenges and opportunities to the oil and gas industry. GHD maintains a team of professionals who are dedicated to helping clients navigate complex issues, ranging from water characterisation, to technology selection and regulatory constraints, to enable the development of robust facilities which achieve technical, cost, safety, and other objectives.

Produced water management

- Integrated water management
- Water chemistry characterisation and compatibility assessments
- Regulatory advisory
- Logistic modeling
- Technology advisory
- Bench and pilot testing
- Engineering design
- Disposal characterisation
- Spatial sciences and data management
- Project management



Water systems

- Wastewater collection and treatment systems
- Water conveyance and storage
- Pump stations and pumps
- Recycled water systems, renewable energy sources
- Waterways and coastal
- Surface and groundwater management
- Environmental management, audits and impact assessments
- Flood management and mitigation
- Desalination
- Water quality and treatment

Industry-wide

- Climate change and risk analysis
- Asset and facility management
- Integrated water management
- Irrigation
- Industrial water and waste management
- Planning, policy advice, pricing and regulatory reforms
- Water economics

For more information, please contact:

www.ghd.com/oil-gas

www.ghd.com