



GHD Water Treatment & Desalination

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

Sustainable water treatment solutions that deliver safe & palatable water are an essential service for human wellbeing and a healthy community.

All untreated water sources have unique water quality characteristics. So we've assembled a team with extensive practical experience in water treatment covering chemistry, biology, hydraulics, process selection, control, residuals handling and plant layout.

Our track record includes plant capacities of 0.1 MLD to over 2500 MLD. We've dedicated our efforts to more than 300 treatment plants over the past 60 years. Our services include design of water treatment process solutions as diverse as Dissolved Air Floatation Filtration (DAFF), Ozone/Biological Filtration and Desalination (using Reverse Osmosis or Electrodialysis Reversal).

Services

- Water quality risk assessment & HACCP plans
- Treatment facilities planning and options assessment
- Life cycle assessment
- Treatability studies & pilot plant work

- Treatment process selection & concept design
- Detail design for bid/tender
- Design Build owner's engineering services
- Design Build & alliance partnerships
- Construction & commissioning management
- Automation/SCADA design & implementation
- Operation & Maintenance manuals
- Residuals processing design
- Catchment & distribution water quality modelling
- Research & development of new treatment ideas, risk quantification and minimum energy solutions
- Permitting and regulatory assistance

For further information, contact:

www.ghd.com/water-treatment-desalination

