



GHD Water Quality & Treatment

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

Some problems in water are obvious - colour, turbidity and the staining of clothes in the wash. Others – taste, odour, corrosion, unsatisfactory microbiological quality, high levels of toxic substances, or even radioactivity – can be more difficult to define.

Enter GHD. Managing water quality requires careful investigation, water sampling (often over several seasons), and an understanding of the water resource and distribution system.

We have designed, project managed and fine-tuned the operations of more than 300 water treatment plants - from 0.1MI a day to over 2500MI a day. Our technical solutions protect public health, improve water taste, colour and odour, reduce corrosiveness and optimise treatment plant efficiency.

We offer you services in quality assessment and performance improvement and work with you to develop cost-effective solutions. Our team owns skill in advanced processes, membrane systems, disinfection, supervisory control and data acquisition (SCADA), automation, and remote monitoring and control of treatment plants.

Services

- Pumping stations
- Water storage tanks
- Groundwater investigations
- Membrane processes
- Disinfection (Cl₂, ClO₂, UV)
- Chemical feed
- Trenchless technologies
- Distribution modelling/master planning
- Treatment optimisation/jar test studies
- Iron filtration
- Coagulation/filtration
- Residual handling
- Instrumentation and control (SCADA)

For further information, contact:

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