

Water Management, Treatment & Distribution

Waterco is a specialist water consultancy, which offers planning, engineering and management services. The company and its consultants are able to offer a full range of specialist services including:

- Source identification and asset management
- Resource, supply and demand strategies
- Reservoir, groundwater and inter-basin resource assessments
- Demand management and leakage control measures
- Environmental economics of supply and demand studies
- Quality and contamination investigations
- Water treatment strategy, works layout and detailed design
- Service reservoir design and construction detailing
- Service reservoir condition inspections
- Value engineering and hazard/risk assessment
- Regulatory Compliance Audits

The efficient operation of water supply and distribution systems requires a pro-active approach to achieve key business objectives with regard to customer services. Over recent years the requirement to improve operational efficiency has increased, with the emphasis being on reducing costs. At the same time, optimum system performance to meet legal water quality standards and level of service obligations remains of paramount importance.

Waterco offers a network of specialists with expertise in: Yield Estimation & Demand Management; Treatment Processes; Plant Design; Advanced Treatment Technologies to assist in the planning and design of a project.

In addition, engineers with many years experience in the supervision of water treatment plants are available to offer advice on the construction and commissioning stages.

PLANNING STAGE

Yield Estimation & Demand Management

Underground & Surface Water Schemes

Storage & Distribution Systems

Treatment Process Selection

DETAILED DESIGN

HARA Appraisals

Intake Design

Treatment Processes & Plant Design

Advanced Treatment Technologies

Service Reservoirs

CONSTRUCTION PHASE

Design Support

As Built Records

Commissioning