



## The Australian Water Quality Centre

The Australian Water Quality Centre provides customer focused, high quality analytical services, leading edge research and advice to SA Water and the water industry.



### CAPABILITIES

Sampling to Australian Standards; analysis of biological and chemical parameters; advice covering a range of water types; and research services are brought together to provide customers with solutions to water quality problems. Services are NATA accredited and quality certification is held to International Standard ISO 9001. An established cell culture facility and taste and odour panel support the analytical capability.

### WATER IN THE ENVIRONMENT

- Determining the water quality of reservoirs, rivers, creeks, farm dams, bores and coastal waters.
- Assessing the impact of nutrients and flow to Blue-Green Algae.
- Identifying flora and fauna to improve wetlands management.
- Studies on the effect of discharges to marine and freshwater environments.
- Analysis of pesticides and metabolites and faecal sterols

### DRINKING WATER

- Monitoring the quality of drinking waters for compliance with national and international guidelines.
- Advice to assist operators in the management of water quality within distribution systems.
- Research into the management of water quality distribution.
- Monitoring and investigation of protozoa

### WATER AND WASTEWATER TREATMENT

- Advice concerning the optimisation of treatment processes.
- Research on alternate treatment methods.
- Investigating techniques for the management of taste and odour compounds, algal toxins, and disinfection by-products.

### AUSTRALIAN STANDARD 4020

- Testing of products in contact with drinking water for compliance with AS 4020 recognised by Standards Australia and water authorities.

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CERTIFIED QUALITY  
MANAGEMENT SYSTEM  
— ISO 9001 —



16 FEBRUARY 2009