



# AUSTRALIA

## Water & Waste Water Market Brief 2009

### Australia: Important Links & Contacts

Department of Environment - <http://www.environment.gov.au/>  
 Australian Water Association: <http://www.awa.asn.au>  
 Water Services Association of Australia: <https://www.wsaa.org.au>  
 Water Industry Operators Association: <http://www.wioa.org.au>



## Market Overview

Australia spends an estimated USD4.2 billion on the water and wastewater treatment sector. Direct purchases of capital equipment accounts for 30 percent of total spending.

A severe drought that began in 2002 has had the biggest impact on the Australian water and wastewater sector. Water storage levels remain critically low in many cities and regional areas. Governments at all levels are grappling with strategies and projects aimed at securing future water supply. The effects of the drought and population pressure are likely to be greater than the effects of the economic crisis.

Almost all of Australia's key industry sectors source water from the same catchment areas used to supply households. Some of these sectors are now developing a number of small water recycling projects. As the value of water increases, industries that are major users of water will find it more feasible to treat their own wastewater internally for re-use. Recycled water is also expected to affect households and a number of new housing developments are incorporating 3rd pipe reticulation to allow for recycled water.

Water authorities continue to spend significantly in the area of pipelines, storage, cleanup projects, pump stations and treatment plants. In addition, some water authorities servicing key cities such as Perth and Sydney have already commenced construction on major seawater desalination plants. Utilities are planning more large-scale desalination plants.

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### Best Prospects

- Desalination technology
- Trenchless technology
- Nondestructive technology
- Smart metering systems
- Bio-filtration systems
- Presses for conversion of water or sludge waste
- New oxidation systems
- Filtration equipment for industrial waste applications
- Flow-meters for wastewater measurement.

### Planned Projects

Company	Value USD millions	Project
SA State Government	\$1,190	Port Stanvac desalination plant
United Utilities	\$510	Esperance Goldfields desalination plant
Gold Coast City Council	\$365	Pimpama-Coomera water mgt. project
BHP Billion	\$250	Whyalla seawater desalination plant
Sydney Water	\$200	Glenfield sewage plant upgrade