

Aquifer Storage and Recovery

Our Company

Australian Groundwater Technologies (AGT) is a specialist groundwater consultancy. Based in Adelaide, South Australia, AGT was founded in 2000 as a specialist groundwater consultancy with a focus on Aquifer Storage and Recovery (ASR) and other hydrogeological services. AGT's specialist staff includes some of the leading experts in the design and implementation of ASR in Australia.

Services

Australian Groundwater Technologies is able to provide services in all aspects of the implementation of fully operational ASR schemes.

Desktop studies assess the initial feasibility of ASR with a number of tasks, including:

- borehole and well reviews
- geological mapping
- groundwater computer modelling
- hydrological catchment modelling
- development of concept designs

AGT has the ability to provide robust hydrogeological investigations through the utilisation of its extensive experiences in:

- well field design
- drilling and construction of ASR wells
- hydraulic pump testing and analysis
- mathematical modelling

AGT's specialist skills and expertise in ASR schemes extend to:

- project management
- commissioning and monitoring
- licensing and approval assistance

Constructed wetlands treat the captured storm/waste water prior to injection to the target aquifer. Furthermore to treatment, wetlands provide a landscape feature for improved aesthetics, a habitat for flora and fauna, and demonstration of best practice techniques for stormwater management.



Clients

Past AGT clients include:

- Land Management Corporation
- Adelaide Airport Ltd.
- Grange and Royal Adelaide Golf Courses
- City of Playford, Salisbury and Tea Tree Gully