



WATER PROOFING THE WEST

• STAGE ONE •

Introductory Fact Sheet

The Water Proofing the West – Stage One Project is creating the first stage of a region wide system that harvests, treats and stores stormwater and distributes recycled water through western Adelaide, sustaining a growing economy and enhancing our natural environment.

The Project will result in sound water management and will treat and inject approximately 2,400 megalitres of recycled water each year (this represents approximately 1,000 Olympic size swimming pools).

The stormwater collected would otherwise drain untreated to West Lakes, Port River Estuary, Barker Inlet and the metropolitan Adelaide coast further degrading seagrass meadows and polluting Gulf St Vincent's coastal marine environment.

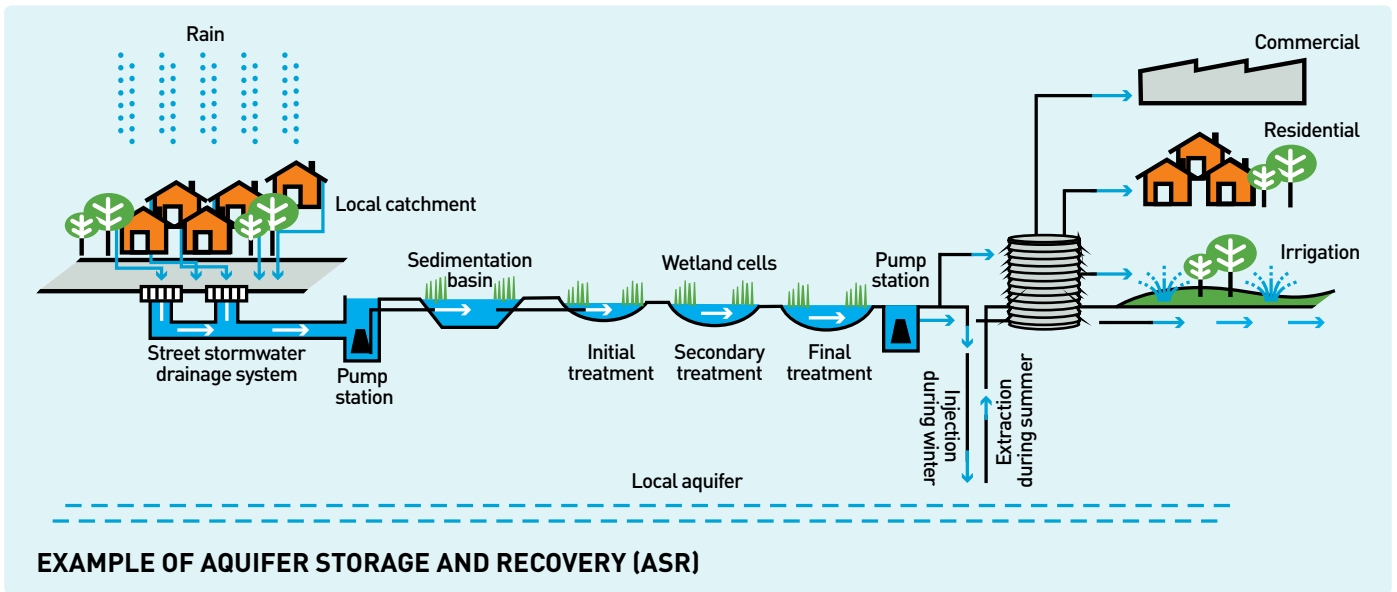
Potential users of the recycled water include ovals and reserves managed by the City of Charles Sturt Council, West Lakes (formerly Riverside) Golf Course, and new developments including St Clair, Cheltenham and Woodville West.

Key Elements of the Project

1. Old Port Road; wetlands and Aquifer Storage and Recovery (ASR) improving water quality, the environment and reducing flood risk.
2. Cooke Reserve and West Lakes (formerly Riverside) Golf Course; wetlands and ASR components.
3. Cheltenham Wetlands; ASR and supplying recycled water.
4. River Torrens Transfer System; diverting river water and providing additional water to harvest at the wetlands.
5. Linking and Distribution Mains; connecting Cheltenham, Old Port Road and Riverside/Cooke Reserve areas and distributing recycled water.



KEY ELEMENTS OF THE PROJECT



Benefits of the Project

- Supply of an alternative water source, recycled stormwater, for the community.
- Reduced use of mains water, resulting in less reliance on our reservoirs and the River Murray.
- Reduced discharge of nutrient rich stormwater flowing into the marine environment.
- Reduced flood risk in the Old Port Road area.
- Increased local amenity through creation of wetlands and attractive community spaces.
- Creation of habitat and improved biodiversity.
- Educational benefits and employment opportunities for local schools and community.
- Greener parks and reserves.

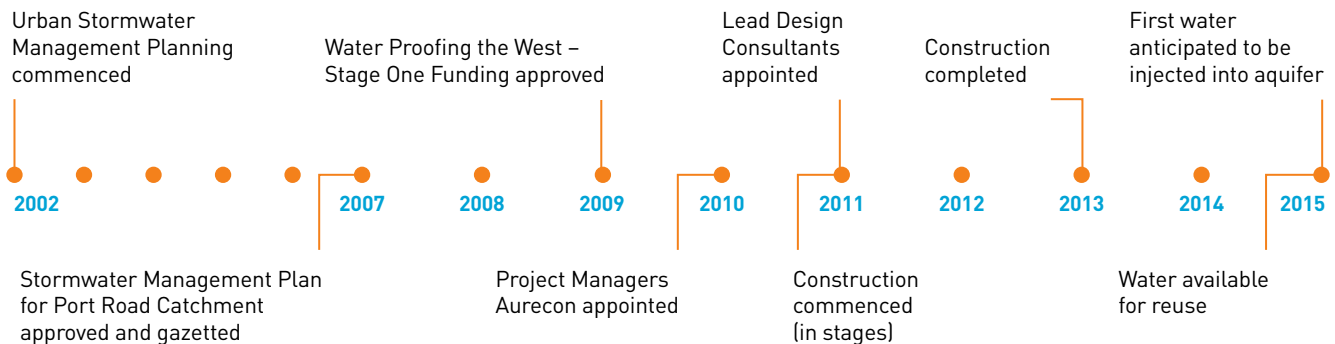
Funding

This project is supported by the Australian Government’s Water for the Future Initiative and the Government of South Australia through the City of Charles Sturt, with contributions from other funding partners. Funding of over \$63 million has been allocated to Stage One.

Further Information

For more information on the Water Proofing the West – Stage One Project visit the City of Charles Sturt website at www.charlessturt.sa.gov.au

Council will provide regular updates as the Project develops. If you are interested in being placed on our project mailing list please contact Paola Silvano at the City of Charles Sturt on **08 8408 1212** or psilvano@charlessturt.sa.gov.au



PROJECT DEVELOPMENT TIMELINE, 2002 – 2015

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