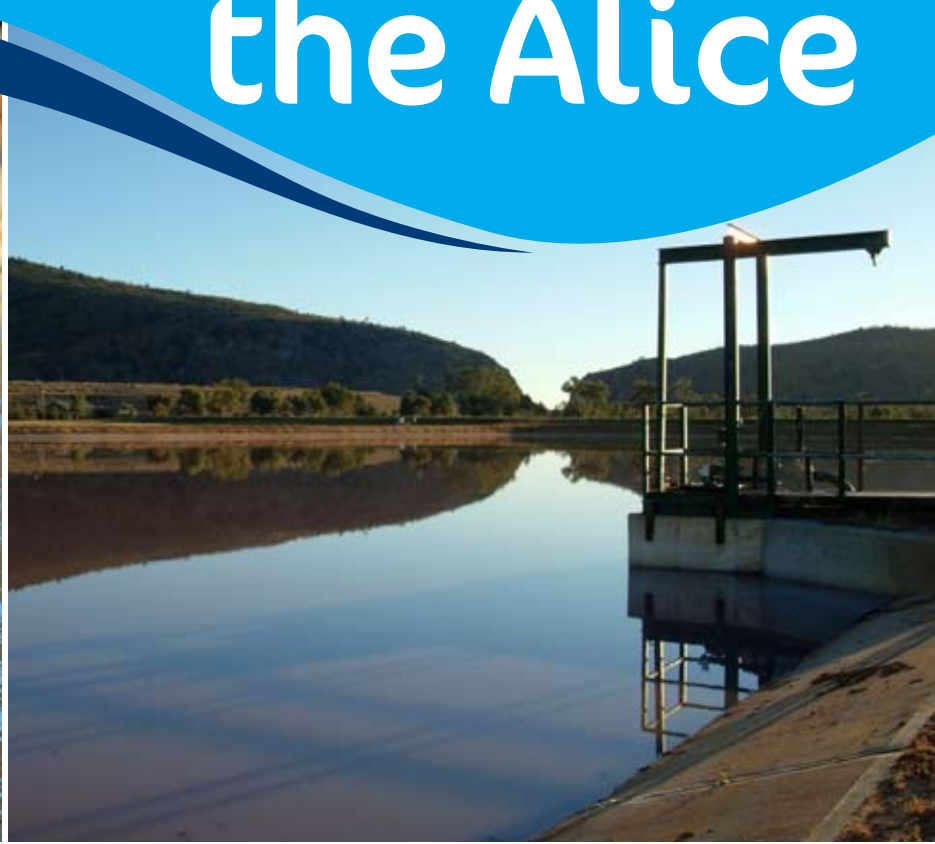


water reuse in the Alice



Making the most of our precious water resources

The Alice Springs Water Reclamation Plant was officially opened in May 2008 marking the completion and commissioning of the five year, \$10.4 million Water Reuse in the Alice project.

Initially the project will recycle up to 600 mega litres of water a year. Water from the wastewater stabilisation ponds will undergo treatment in a Dissolved Air Flootation (DAF) plant before it is pumped 6.2km to the Arid Zone Research Institute (AZRI). The reclaimed water will then be infiltrated through Soil Aquifer Treatment (SAT) basins and stored in an underground aquifer before being used to irrigate horticulture projects, helping create employment and economic opportunities for the region.

The land at AZRI will be suitable for horticultural production of high value crops such as table grapes, vegetables, herbs and native bush foods.

Not all of the reclaimed water will be sent to the SAT basins as some will be supplied to Blatherskite Park to help irrigate their grounds as well as the potential for other customers to be connected along the pipeline route such as Desert Knowledge Australia.

A sustainable building design was chosen in keeping with the Central Australian conditions for the Water Reclamation Plant and local architect Brendan Menev chosen to undertake this work. The building has now been nominated for a Royal Australian Institute of Architects award and landscaping will be undertaken in the near future by Greening Australia using native local plants.

Power and Water has worked with the Department of Natural Resources, Environment and the Arts, the Department of Primary Industry, Fisheries and Mines and CSIRO to complete this important project.

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