

water quality and treatment



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Recycled water must meet strict quality guidelines that are set by the Department of Health and Community Services before it can be reused.

In the 'Water Reuse in the Alice' project, water from the wastewater stabilisation ponds will undergo treatment before it is used as irrigation, potentially in horticulture developments at the Arid Zone Research Institute (AZRI).

Part of the treatment process includes a state-of-the-art Dissolved Air Flotation plant that will treat the recycled water before it is pumped 6.2km to AZRI.

Once the water arrives at AZRI it will be infiltrated through Soil Aquifer Treatment (SAT) basins and stored in an underground aquifer before it is pumped back to the surface and reused.

During the SAT process the recycled water is purified naturally to a higher standard as it passes through the earth.

At the end of the whole process, the recycled water will be colourless and odourless and will be difficult to differentiate from normal groundwater.

For more information please call 1800 245 092.