

GROWING COUNCIL'S WATER BUSINESS

Council's Recycled Water Business Plan is reliant on further reinvestment to ensure growth, and new customers are connected to Council's recycled water network over the next few years. These projects will ensure that Council's successful recycled water business scheme is heading in the right direction to demonstrate a return on investment after all expenses and depreciation within a five-year period.

A strategic approach by Council to reinvest into the business is expected to deliver a Return On Investment (ROI) of 5.1%. This project will enable Council to secure water sources for all existing customers, expand its commercial business and potentially supply recycled water to other reserves within Council and future identified external customers.

Current Projects

These projects commenced in June 2018 and will be completed February 2019.

1. Decommission Olive Grove site by external contractors. New 360KL litre tank to provide irrigation to Fremont Park
2. Decommission of old concrete tanks at Potters Club and Ridley and Harvey Road intersection. Proposed upgrade to a new 360KL litre tank to be installed at the corner of Ridley and Harvey Roads
3. Ridley Reserve T1 bore retrofit
4. Drilling new T2 well on Lucy Reserve and connecting into existing Samuel Street pump station - enabling Council to use 100ML of groundwater for turf irrigating purposes.
5. Drill new licensed T1 well at Yorktown pump station site - this will enable Council to maximise its annual 300ML T1 groundwater allocation for turf irrigating across the council area.
6. Supply a further potential 100+ML of recycled water (from two new groundwater wells) to newly identified customers through a 7km pipe extension to Council's existing network.



Purple Pipeline

Recycled water is supplied on a separate system to SA Water and can be identified as a purple-coloured pipe.

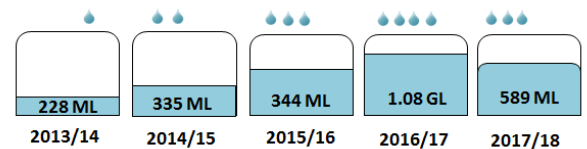
Business Achievements

- Expanding Council's recycled pipe network to 16 new sites, 12 internal, 4 external
- Installation of storage tanks at Council's larger sporting precincts
- Energy optimisation project, installation of solar panels to all main pump station 30 – 40kw systems
- Operating a successful recycled water business that has delivered reliable water to all identified customers from Water Proofing Playford's Stage 1 and 2 projects, over the past five irrigation seasons
- Successfully secured license to inject 250ML of recycled treated bolivar water from SA Water, (Virginia Pipeline scheme)
- Installation of new tanks at Argana Park and Ridley Reserve
- Maximising Council's groundwater allocation across the region by equipping two new wells
- Maximising Council's irrigation infrastructure and increasing recycled water sales
- Improvements to the existing Olive Grove site to ensure it is used for recycled water delivery
- Improvements to current reticulation network providing greater reliability and reducing water disruption

Past – Present



Stormwater Harvested Annually



The Future

If you are wondering where recycled water is likely to be in the future, it may just well be in your area!



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WATERPROOFING PLAYFORD