

## Water efficiency business profile

### Aaron's Linen Service

Aaron's Linen Service is a market leading commercial laundry providing services to hotels, motels, resorts, clubs, restaurants, function centres and health care facilities. Located in Meadowbrook, Aaron's Linen Service provides services from Noosa to Tweed Heads.

#### Water conservation approach

Laundry services consume significant amounts of water. Therefore, Aaron's Linen Service has focused on water saving for more than 15 years. The business prides itself on being at the forefront of the water saving technology for their industry.

In the last six months, Aaron's Linen have installed an Aqua Recycle system that allows 70–80 percent of water used to be reused. This state of the art water recycling equipment has assisted in lowering water use.

The Aqua Recycle system has a 'shaker' that filters out large particulate matter, 'oil and grease' filters and sand filters that remove the organic matter. The Aqua Recycle system also has Ultra Violet and Ozone treatment systems that disinfect the filtered water.

Other environmental gains for Aaron's Linen Service have come from installing water saving devices such as dual flushing toilets and a system that pumps recycled laundry water into the toilet system for flushing.

Aaron's laundry supervisors monitor water and energy efficiency per kilogram of linen delivered on a daily basis. Additionally, all staff are trained to save water by using brooms instead of hoses and to report dripping taps. Employees are also encouraged to devise new ways to lower energy and water use for the business.



## Water conservation objectives

Aaron's Linen Service's objectives are:

- to reduce utility consumption and increase process volumes consistently over a sustained period
- to preserve precious natural resources and allow sustained business growth

## Actual savings from water conservation

When Aaron's Linen Service first started investigating water saving technology, they were using approximately 14-15 litres of water per kilogram of laundry.

This has now been reduced to around six to seven litres of water per kilogram of laundry.

Due to the installation of water and energy reuse systems and commissioning of advanced processing equipment and systems, Aaron's Linen Service has reduced water consumption by 51 percent. Wash and dry cycle times have also decreased by 10-15 percent.



## Water conservation efforts ongoing

Aaron's Linen Service has recently committed to implementing laundry standards called CSHLS (Certified Sustainable Hygienic Linen Systems).

The CSHL Standard provides a Hazard Analysis Critical Control Point (HACCP) based on a sustainability and hygiene framework for laundries and their customers, to process and handle reusable linen. The CSHL Standard sets Aaron's six elements for sustainability that ensure water, energy, waste, pollutants and chemicals are managed and have minimal impact to the environment. The CSHL Standard also ensures that laundries routinely test wastewater.

*Allconnex Water congratulates Aaron's Linen Service for setting sustainable water saving benchmarks for the laundry industry.*