

# TasWater Regional Towns Water Supply Program

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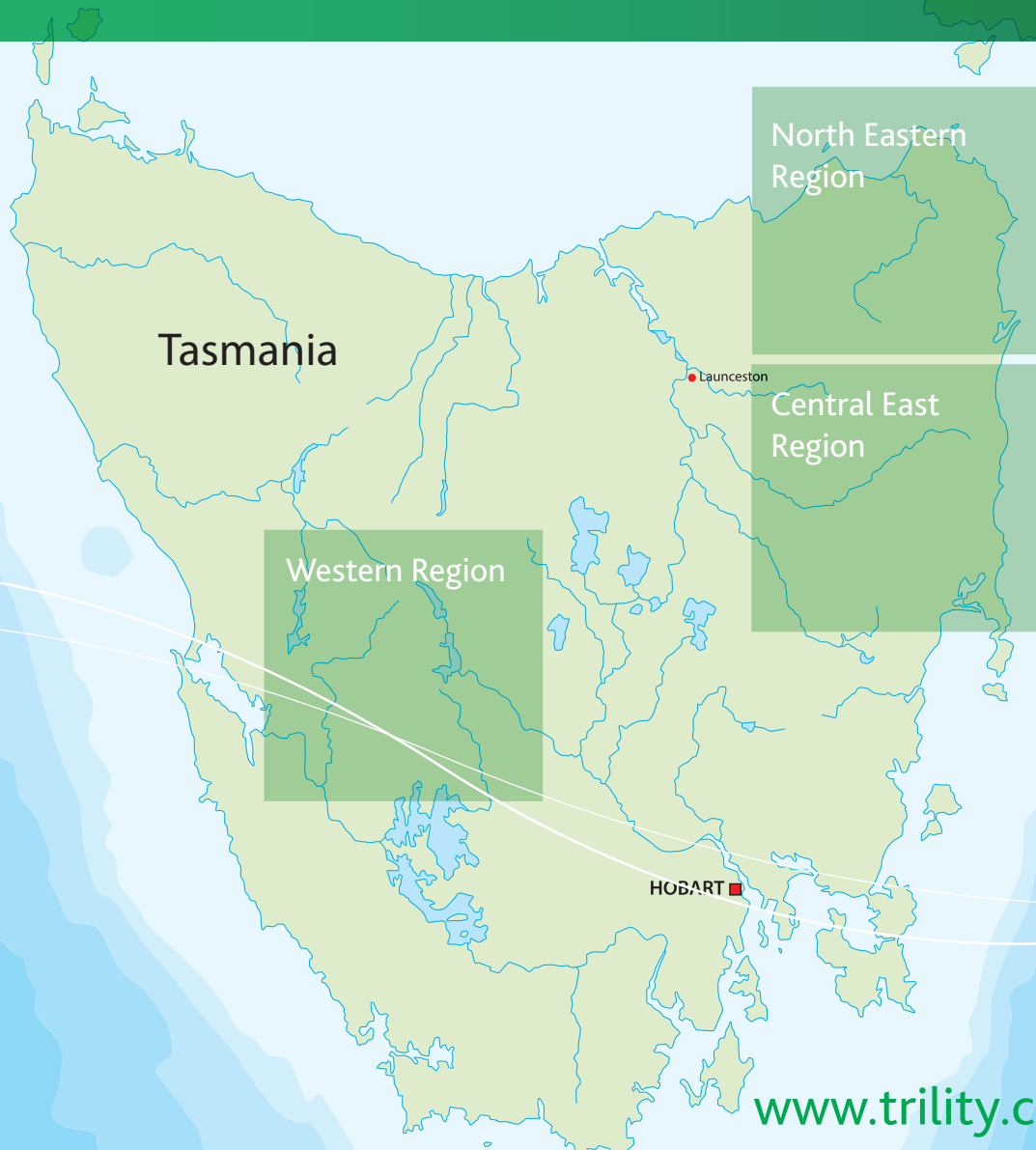


**TRILITY**  
A member of **BEWG**

## TRILITY was selected by TasWater to design and construct Work Package One of the TasWater Regional Towns Water Supply Program



Work Package One was the design and construction of water treatment plants and the subsequent operational support for a period of one year for eight of sixteen townships around Tasmania.



[www.trility.com.au](http://www.trility.com.au)

# TRILITY's contract with TasWater and the communities which it serves ensured safe, clean and reliable water supply to eight of the communities that form part of the 24glasses program.

The scope of Work Package One included the planning, design, construction and commissioning of water treatment plants to supply treated drinking water to the reticulation system for each of the townships. TRILITY designed and built the purpose built modular plants to suit the specific needs each of the eight townships.

The key process areas in each treatment plant consisted of:

- Raw water supply and storage
- Pre-screening of the raw water to remove larger particles
- Ultrafiltration (UF)
- Granular Activated Carbon (GAC) filters
- Calcite for pH adjustment
- Using ultra violet treatment of the clean water where it is needed
- Treated water storage and supply



## Who

TasWater commenced operations on 1 July, 2013 and was formed through the amalgamation of the three Tasmanian water and sewerage corporations: Ben Lomond Water, Cradle Mountain Water, Southern Water, and their shared services firm; Onstream.

TasWater's vision is to be a trusted and respected provider of essential services that is making a positive difference to Tasmania.

## What

TasWater's 24glasses - Regional Towns Water Supply Program was implemented to remove all longstanding Public Health Notices in regional towns across Tasmania.

In August 2016, TasWater made a commitment to accelerate its program to address the water quality issues and to systematically remove public health alerts as quickly as possible across a number of regional towns and communities across Tasmania.

## Where

As part of TasWater's Regional Towns Water Supply Program Work Package One, the following towns will receive water they can drink straight from the tap by 31 August 2018: Herrick, Cornwall, Wayatinah, Bronte Park, Gladstone, Mathinna, Rossarden and Conara.

## Why

In 2016 more than 99.4% of TasWater customers could turn on their tap and get a fresh, clear glass of water that was safe to drink. At that time there were still 16 towns in the state on Public Health Alerts. Regardless of their locations or size, they all depend on safe drinking water for their day-to-day needs and to underpin the economy of the town.

## Awards

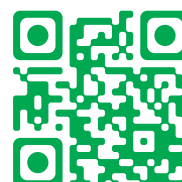
**2019** TasWater's 24 Glasses – Regional Towns Water Supply Program was named winner of the Operator & Service Provider Excellence award by Infrastructure Partnerships Australia.

**2020** Rossarden Water Treatment Plant (WTP) won the Water Industry Operators Association Best Tasting Tap Water in Australia competition.

**2021** Rossarden WTP won the Best Tasting Municipal Water in the World.

## Snapshot

<b>Client</b>	TasWater																		
<b>Type of Contract</b>	Design and Construction (D&C) and the subsequent operational support for a period of two years																		
<b>Facilities</b>	Modular/purpose built packaged treatment facilities																		
<b>Technology</b>	Ultrafiltration, granular activated carbon filtration, pH balancing and ultraviolet treatment																		
<b>Design Capacity</b>	<table> <tr> <td>Township Capacity (kL/d)</td> <td></td> </tr> <tr> <td>Bronte Park</td> <td>104</td> </tr> <tr> <td>Conara</td> <td>222</td> </tr> <tr> <td>Cornwall</td> <td>25</td> </tr> <tr> <td>Gladstone</td> <td>40</td> </tr> <tr> <td>Herrick</td> <td>24</td> </tr> <tr> <td>Mathinna</td> <td>50</td> </tr> <tr> <td>Rossarden</td> <td>49</td> </tr> <tr> <td>Wayatinah</td> <td>50</td> </tr> </table>	Township Capacity (kL/d)		Bronte Park	104	Conara	222	Cornwall	25	Gladstone	40	Herrick	24	Mathinna	50	Rossarden	49	Wayatinah	50
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<b>Term</b>	Design, planning and construction – 62 weeks Operational support ongoing until practical completion																		



## For further information