

securing | our water future

## Groundwater System - Trentham



All of our supply systems have different sources of water and supply constraints. Please ensure you read the update relevant to your town.

We welcome your feedback on these updates to ensure we are providing information that is relevant and useful.

Send your suggestions and feedback to our postal address:

37- 45 Bridge Street,  
Bendigo 3550 or e-mail to:  
[communications@coliban.com.au](mailto:communications@coliban.com.au)

### What we currently have access to

Current allocation*	Surface storages volume	Total ML (Megalitres)
48 ML	89 ML	137 ML

### Additional water source information

Trentham has two raw water supply sources, a natural spring that fills two storages, plus a 48 ML licenced bore that is used during the warmer months to supplement the natural spring supply. The estimated annual spring flow is 84ML (drought) to 145ML (wet).

#### Groundwater Entitlement

Groundwater licence volume	Allocation date *	Allocation percentage *	Allocation volume *
48 ML	1 July 2011	100%	48 ML

\* Annual allocations are made at the start of each year for the Trentham Groundwater Licence Entitlement. No further allocations are expected this year.

#### Current surface storage volumes

Surface storages volume	% of full capacity
89 ML	98%

#### Current groundwater volume extracted for 2011/12 season

Town	Volume	Total available
Trentham	25 ML	48 ML



*Further system information*

> The water available from the natural spring and the groundwater bore has been sufficient to supply Permanent Water Saving Rules over the last five years.

## What we need for customer supply

Residential customers	Business and Industry	Operational water**	Total ML (Megalitres)
56 ML	17 ML	32 ML	105 ML

Water needs for 12 months based on Permanent Water Savings Rules.

For all current water restriction levels refer to - [www.coliban.com.au](http://www.coliban.com.au)

\*\* Operational water includes all losses eg. evaporation, system losses, seepage and treatment process losses.

## Water restrictions outlook

Current PWSR	Water restriction outlook	
	3 Months	6 Months
Wet	PWSR	PWSR
Average	PWSR	PWSR
Dry	PWSR	PWSR

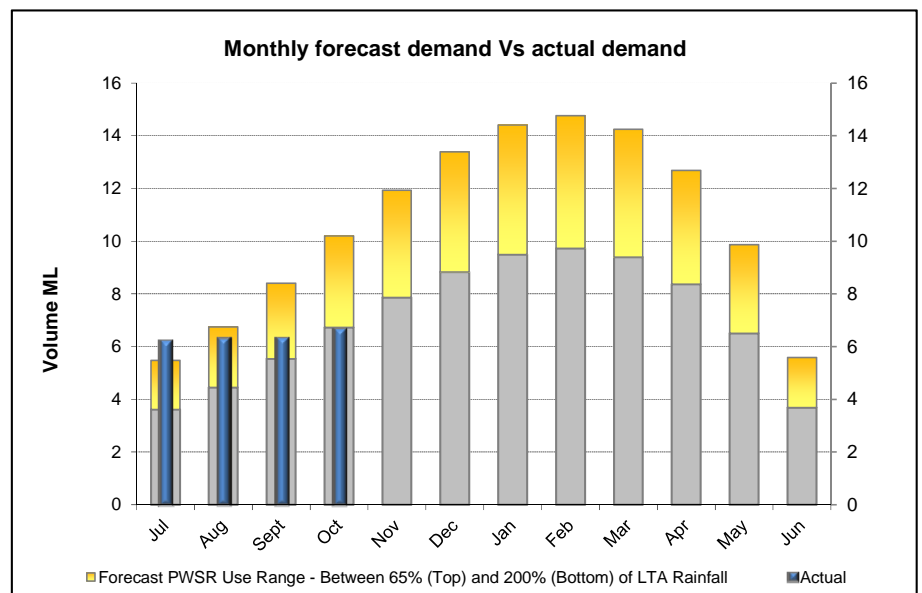
This is based on current storage levels.

Wet Inflow conditions that have 1 in 10 chance of being exceeded  
 Average Inflow conditions that have 5 in 10 chance of being exceeded  
 Dry Inflow conditions that have 9 in 10 chance of being exceeded  
 PWSR Permanent Water Saving Rules

## Consumption - actual versus forecast

The graph and table below indicates the actual demand in the Trentham Groundwater System compared with the forecast demand (for 100% of long-term average (LTA) rainfall).

Monthly actual demand	Demand compared to forecast	Total consumption for 2011/12	Total demand compared to forecast
6.6 ML	1.7 ML lower	25.4 ML	0.1 ML higher



Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 16/11/2011

