

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

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).

Ground Water Entitlement

Ground Water Licence Volume	Allocation Date	Allocation Percentage*	Allocation Volume
48 ML	August 2010	100%	48 ML

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

Surface storage volumes

Surface storages volume	% Capacity
89 ML	99%

Current groundwater volume extracted for 2010/11 season

Town	Volume	Total Available
Trentham	0.1 ML	48 ML



What we need for customer supply

Residential customers	Business and Industry	Operational water**	Total ML
60 ML	30 ML	60 ML	150 ML

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

For all current water restriction levels refer to - www.coliban.com.au

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

Water restrictions outlook

The water available from the natural spring and the groundwater bore has been sufficient to supply Permanent Water Saving Rules (PWSR) during the last four years. Similar supply conditions are forecast for the coming 12 months.

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.

Monthly actual demand	Demand compared to forecast	Total consumption for 2010/11	Demand compared to forecast
6.3 ML	1.3 ML lower	6.3 ML	1.3 ML lower

