

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:
publicaffairs@coliban.com.au

What we need for customer supply

| Residential customers | Business and industry | Operational water** | Total (Megalitres) |
|-----------------------|-----------------------|---------------------|--------------------|
| 60ML | 30ML | 60ML | 150ML |

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.

What we currently have access to

| Volume in storage (ML) | % Capacity |
|------------------------|------------|
| 85.7ML | 95% |

| Trentham annual ground water licence volume (bore) | Current allocation | Current volume extracted from bore (Megalitres) |
|--|--------------------|---|
| 48ML | 100% | 8.3ML |

Trentham has two raw water supply sources, a natural spring that fills the two storages on site, plus a 48ML licenced bore that is used during the warmer months to supplement the natural spring supply.

The estimated spring flow is 84ML/yr (drought) to 145ML/yr (wet).



Water restrictions outlook

| Water Restriction Outlook Trentham | | |
|------------------------------------|----------|----------|
| | December | February |
| 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 below indicates the actual demand in the Trentham groundwater system compared with the predicted demand for Permanent Water Savings Rules (PWSR).

Trentham monthly actual demand for September was 2ML less than the forecast demand. Total consumption for 2009/10 is 27ML which is 3ML less than the forecast demand.

