

securing | our water future

## Coliban System (Northern)



*Coliban System (Northern) consists of: Bendigo, Heathcote, Raywood, Sebastian, Tooborac and Axedale.*

*These customers can be supplied by the main Coliban storages, % share of Lake Eppalock and the Goldfields Superpipe.*

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](mailto:publicaffairs@coliban.com.au)

### What we need for customer supply

Residential customers	Business, Industry and Rural	Operational water**	Total (Megalitres)
7,000ML	4,500ML	6,500ML	<b>18,000ML</b>

Water needs for 12 months based on Stage 3 water restrictions and 30% rural allocation.

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.

### What we currently have in storage

Our storages (Upper Coliban, Lauriston, Malmbury and all holding basins)	Lake Eppalock (our share)	Goulburn system water*	Urban trade water	Total (Megalitres)
16,886ML	10,840ML	17,815ML	0ML	<b>45,541ML</b>

\*Includes 10,913ML carryover from 2008/09 season, Goulburn system allocations and 2,000ML from temporary water purchases.

### Additional water source information

#### Water entitlement

Goulburn system entitlement	Allocation	Water allocation volume
22,480ML	30%	6,744ML (included above)



**Further system information**

> The Bendigo region received 53.4mm of rainfall in September, which is just below the average of 54.2mm for the month.

> Inflows into our Upper Coliban, Lauriston and Malmsbury storages were only 28.6% of the long-term average inflow.

**Historical information on Coliban storage inflows**

Long Term Average inflows for September	10 year average September inflows	Inflows for month of September last year	Inflows for September this year
13,622ML	5,802ML	1,254ML	3,893ML

**Water restrictions and rural season outlook**

Our storage volumes continue to remain low even following the recent rain events. As at 1<sup>st</sup> October, Goulburn system allocation was 30%. Raywood and Sebastian remain on Stage 4 (GE) water restrictions.

	Water Restriction outlook		Rural Season allocation outlook	
	December	February	December	February
<b>Wet</b>	Stage 3	Stage 3	30%	30%
<b>Average</b>	Stage 3	Stage 3	EWS*	EWS*
<b>Dry</b>	Stage 3	Stage 3	EWS*	EWS*

The Outlook is based on inflows to storages as experienced over the past 10 years. Currently we are in dry conditions.

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  
 \*EWS Emergency Water Supply

**Consumption - actual versus forecast**

The graph below indicates the actual demand in the Coliban System (Northern) compared with the predicted demand for Stage 3 water restriction.

Coliban System (Northern) monthly actual demand for September was 91ML less than the forecast demand. Total consumption for 2009/10 is 1,845ML which is 207ML less than the forecast demand.

