

securing | our water future



## Loddon System



*Loddon supply system consists of: Bealiba, Bridgewater, Dunolly, Inglewood, Jarklin, Laanecoorie, Serpentine and Tarnagulla.*

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 and industry	Operational water**	Total (Megalitres)
150ML	70ML	110ML	<b>330ML</b>

Water needs for 12 months based on Stage 4 water restrictions.

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 access to

Loddon River bulk water entitlement*	Carry over water from last season	Temporary water purchased	Urban trade water	Total (Megalitres)
410ML	0ML	0ML	6ML	<b>416ML</b>

\* Under current Conversion Order 2005, Coliban Water has access to 50% of Bulk Entitlement allocation for essential human needs until 50% allocation to irrigators is reached. This 50% equates to 410ML.

### Current volume extracted for 2008/2009 season

Town	Volumes (Megalitres)
Bridgewater / Inglewood	189.0
Jarklin	1.6
Laanecoorie / Bealiba / Dunolly / Tarnagulla	98.8
Serpentine <sup>^</sup>	13.6
<b>Total</b>	<b>303.0</b>
	<b>Total available</b>
	<b>416ML</b>

<sup>^</sup>Due to high salinity levels in the Serpentine Creek, a percentage of Serpentine's water is being carted from Bendigo – Coliban System (Northern).



*Further system information*

> Due to the critical low levels in the Loddon system, we are undertaking two projects to secure water to Bridgewater (Desalination plant) and Laanecoorie (ground water investigations).

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 15/07/09

## Additional water information

### Bulk entitlement

Loddon River annual bulk entitlement volume	Current allocation
820ML	0%

Refer to Goulburn-Murray Water for latest allocation announcements.

## Water restrictions outlook

Goulburn-Murray Water have not announced an allocation in the Loddon system for 2008/2009 season.

Water Restriction outlook		
	September	November
<b>Wet</b>	Stage 4	Stage 4
<b>Average</b>	Stage 4	Stage 4
<b>Dry</b>	Stage 4	Stage 4

These outlooks are based on allocation predictions from Goulburn-Murray Water.

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

## Consumption - actual versus forecast

The graph below indicates the actual demand in the Loddon system compared with the predicted demand for Stage 4.

Loddon monthly actual demand for June was 9ML less than the forecast demand. Total consumption for 2008/09 is 303ML which is 24ML less than the forecast demand.

