

securing | our water future



Murray System



Murray supply system consists of: Cohuna, Echuca, Gunbower and Leitchville.

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 need for customer supply

Residential customers	Business and Industry	Operational water**	Total (Megalitres)
2,100ML	1,600ML	400ML	4,100ML

Water needs for 12 months based on Stage 1 water restrictions.

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

Murray River bulk water entitlement	Carry over water from last season	Temporary water purchased	Water shares	Total available (Megalitres)
6,285ML	2,851ML	0ML	55ML	6,340ML*

* The maximum allowable water available in the Murray system is 6,340ML comprised of the full bulk entitlement of 6,285ML and 55ML of water shares. This limitation will be eased in 2010/11 with changes to the carryover rules that will allow for water to be moved to a spillable water account.

Current volume extracted for 2009/2010 season

Town	Volumes (Megalitres)
Cohuna	584.7
Echuca	2,593.6
Gunbower	53.3
Leitchville	278.2
Total	3,509.8
	Total available 6,340ML



Presently there are operational limitations with our water treatment plants for the Murray System. These limitations are associated with the treatment needed of the poorer quality raw water - in particular the presence of blue-green algae and manganese in the supply.

Upgrades to our treatment process at the majority of the Murray System water treatment plants is required before we are able to further ease water restrictions in this system.

These upgrade are expected to be completed by the end of 2010.

The potential to move to Permanent Water Saving Rules in the Murray System will be re-assessed following the winter inflows to the Murray River storages, allocation outlooks from Goulburn-Murray Water, upgrade work progress and quality of the raw water supply.

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 13/07/2010

Additional water information

Bulk entitlement

Murray River annual Bulk Entitlement volume	Current allocation 100%
6,285ML	6,285ML

Water restrictions outlook

	Water Restriction outlook	
	September **	November **
Wet	Stage 1	PWSR*
Average	Stage 1	Stage 1
Dry	Stage 1	Stage 1

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

** Note operational limitations on easing of restrictions from current levels as detailed in left column.

Consumption - actual versus forecast

The graph below indicates the actual demand in the Murray system compared with the forecast demand.

Murray monthly actual demand for June was 1ML less than the forecast demand. Total consumption for 2009/10 is 3,510ML which is 374ML less than the forecast demand.

