

## Coliban System (Northern)



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

*These customers can be supplied by the main Coliban catchment storages, 18% 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:  
communications@coliban.com.au*

### What we have available in storage

Goulburn System Water	Lake Eppalock (our share)	Campaspe System Water <sup>^</sup>	Our Storages <sup>*</sup>	Total Available (Megalitres)
25,567 ML	54,837 ML	3,237 ML	2,385 ML	<b>86,026 ML</b>

<sup>\*</sup> Sandhurst and Caledonia storages. Additional water in Coliban Headworks Storages is reported in the Coliban System (Southern) Outlook and can also supply Coliban System (Northern).

### Additional water source information

#### Water entitlement

Water Component <sup>^</sup>	Entitlement	Allocation date	Allocation percentage	Allocation volume
Goulburn HR	22,709 ML	1 Sep 2011	87%	19,757 ML
Goulburn LR	2,858 ML	1 Sep 2011	0%	0 ML
Campaspe HR	2,591 ML	1 Sep 2011	100%	2,591 ML
Campaspe LR	646 ML	1 Sep 2011	91%	588 ML

<sup>^</sup> Watershares held by Coliban Water. HR = High Reliability, LR = Low Reliability

2010/11 Net Carryover	Allocation volume <sup>**</sup>	Less Water already spilt	Less Balance held in SWA	Avail Goulburn System Water <sup>#</sup>
33,431 ML	19,757 ML	6,902 ML	20,719 ML	25,567 ML

2010/11 Net Carryover	Allocation volume <sup>**</sup>	Less Water already spilt	Less Balance held in SWA	Avail Campaspe System Water <sup>#</sup>
1,829 ML	3,179 ML	874 ML	897 ML	3,237 ML

<sup>\*\*</sup> High Reliability plus Low Reliability allocation volumes from the above table.

<sup>#</sup> Available water is Carryover plus Allocation minus water spilt minus balance held in SWAs. Declaration of Very Low Risk of Spill has not yet been made by the storage manager.

### Further system information

> All Coliban Northern System townships (except Raywood and Sebastian) moved to Permanent Water Saving Rules from 15 January 2011.

> Raywood and Sebastian remain on Stage 3 water restrictions until the completion of the pipeline connection to Bendigo in 2012.

> Lake Eppalock received 66 mm of rain for the month of August and inflows to Coliban Water's share of Lake Eppalock were 5,501 ML.

> The water quality of Lake Eppalock remains very poor after the large inflows over the past six months. Water for Coliban Northern System is currently being provided from the Coliban Headworks Storages (Coliban Southern System).

> Campaspe Water Shares have received an allocation of 100% against High Reliability Water Shares and 91% allocation against Low Reliability Water Shares.

Information in this update is provided as a guide only. Coliban Water reserves the right to alter or change information. 12/09/2011

## Goulburn - temporary water trades & superpipe pumping

Goulburn water trade in month	Goulburn water trade year to date	Goulburn*** transfers in month	Goulburn year to date
0 ML	0 ML	0 ML	0 ML

\*\*\* Transferred via the Goldfields Superpipe to either Lake Eppalock or Sandhurst Reservoir.

## What we need for customer supply

Residential customers	Business, Industry and Rural	Operational Water^^	Total ML (Megalitres)
8,000 ML	11,300 ML	8,200 ML	27,500 ML

Water needs for 12 months based on Permanent Water Saving Rules and at least 70% rural allocation. For all current water restriction levels refer to - [www.coliban.com.au](http://www.coliban.com.au)

^^ Operational water includes all losses e.g. evaporation, system losses, seepage and treatment process losses.

## Water restrictions and rural season outlook

The initial rural system seasonal allocation announcement for 2011/12 will be made on 15 September 2011.

Current	Water restriction outlook		Rural outlook
PWSR	3 Months	6 Months	3 Months
Wet	PWSR	PWSR	70%+
Average	PWSR	PWSR	70%+
Dry	PWSR	PWSR	70%+

The outlook is based on inflows to storages as experienced over the past 10 years. Currently we are in average inflow 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

## Consumption - actual versus forecast

The graph below indicates the actual demand in the Coliban System (Northern) compared with the forecast demand.

Monthly actual demand	Demand compared to forecast	Total consumption for 2011/12	Total Demand compared to forecast
681 ML	140 ML lower	1,293 ML	224 ML lower

