

# Water Balance Report

## Bega Valley 2016 - 2017

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage Volume (1)</b>					
Combined volume in storage at start of year	9,097	10%			
Volume in storage at end of period	9,013	10%			
<b>Change in storage</b>	<b>84</b>	<b>0.1%</b>			
<b>Storage net evaporation</b>			<b>967</b>	<b>1.0%</b>	<b>100%</b>
<b>Inflows</b>					
Storage inflows (2)	25,857	28%			100%
Downstream tributaries (3)	67,770	72%			100%
<b>Subtotal</b>	<b>93,627</b>	<b>100%</b>			
<b>Net water diverted under basic rights</b>					
Domestic and stock rights(4)			252	0.3%	0%
Native title rights					
<b>Subtotal</b>			<b>252</b>	<b>0.3%</b>	<b>0%</b>
<b>Net Water diverted under access licences</b>					
Domestic and stock			143	0.2%	100%
High security			36	0.0%	100%
General security			3,019	3.2%	100%
Local water utility			0	0.0%	100%
Supplementary water			512	0.5%	100%
<b>Subtotal</b>			<b>3,710</b>	<b>4.0%</b>	<b>100%</b>
<b>Environmental water</b>					
Environmental flows (plan)			0	0%	100%
End of water source excess flows (5)			88,782	0%	100%
<b>Subtotal</b>			<b>88,782</b>	<b>94.7%</b>	<b>100%</b>
<b>Other outflows</b>					
<b>Unaccounted difference</b>					
<b>Total</b>	<b>93,711</b>	<b>100%</b>	<b>93,711</b>	<b>100%</b>	

### Notes:

(1) Storage volumes include Brogo Dam.

(2) Calculated from volume change, plus evaporation and releases.

(3) Mass balanced from Angledale and releases

(4) Basic rights are not metered. Values presented are those in the Water Sharing Plan.

(5) Used Angledale gauge, none further downstream.

(6) Environmental water delivery requirements were met 100% of the time throughout 2016 - 2017