

# Water Balance Report

## Richmond River 2011 – 2012

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage Volume</b>					
Volume in storage at start of year	11,040				
Volume in storage at end of year	11,368				
<b>Change in storage</b>	-	<b>0%</b>	<b>328</b>	<b>0%</b>	100%
Spills			66,798		100%
<b>Storage net evaporation</b>			<b>-342</b>	<b>0%</b>	100%
<b>Inflows</b>					
Storage inflows (1)	67,116	28%			100%
Downstream tributaries (2)	173,511	72%			50%
<b>Subtotal</b>	<b>240,627</b>				
<b>Net water diverted under riparian rights</b>					
Domestic and stock rights (3)			40	0%	0%
Native title rights					
<b>Subtotal</b>			<b>40</b>	<b>0%</b>	
<b>Net Water diverted under access licences</b>					
Domestic and stock			-	0%	100%
High security			5	0%	100%
General security			99	0%	100%
Local water utility			-	0%	100%
Major utility			-	0%	100%
<b>Subtotal</b>			<b>104</b>	<b>0%</b>	
<b>Environmental water</b>					
Environmental flows (Plan)			-	0%	100%
End of water source excess flows (4)			-	0%	90%
<b>Subtotal</b>			<b>-</b>	<b>0%</b>	
<b>Other outflows</b>					
<b>Unaccounted difference</b>			<b>240,496</b>	<b>100%</b>	
<b>Total</b>	<b>240,627</b>	<b>100%</b>	<b>240,627</b>	<b>100%</b>	

### Notes:

1. Calculated from volume change, plus evaporation and releases.
2. Tributaries where gauged (Eden at Doubtful flow less Ironpot at
3. Basic rights are not metered. Values presented are those in the Water Sharing Plan.
4. No gauges available - barrage in place during regulated flow
5. All flows accounted in the mass balance

Actual regulated releases from Toonumbar Dam 319