

## **Paterson River Water Balance 2008/09**

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
<b>Storage volume</b>					
Combined volume in storage at start of year	20,360				
Volume in storage at end of year	20,373				
<b>Change in storage</b>			<b>13</b>	<b>0%</b>	100%
Spills			200,776		100%
<b>Storage net evaporation</b>			<b>542</b>	<b>0%</b>	100%
<b>Inflows</b>					
Storage Inflows (1)	204,574	54%			100%
Downstream tributaries (2)	175,086	46%			50%
<b>Subtotal</b>	<b>379,660</b>	<b>100%</b>			
<b>Net Water diverted under basic rights</b>					
Domestic and stock rights (3)			382	0%	0%
Native title rights					
<b>Subtotal</b>			<b>382</b>	<b>0%</b>	
<b>Net Water diverted under access licences</b>					
Domestic and stock			-	0%	100%
High security			13	0%	100%
General security			1,638	0%	100%
Local water utility			-	0%	100%
Supplementary water			584	0%	100%
<b>Subtotal</b>			<b>2,235</b>	<b>1%</b>	
<b>Environmental water</b>					
Environmental flows (Plan)			8,767	2%	100%
End of water source excess flows (4)			367,713	97%	90%
<b>Subtotal</b>			<b>376,480</b>	<b>99%</b>	
<b>Other outflows</b>					
<b>Unaccounted difference (5)</b>			<b>9</b>	<b>0%</b>	
<b>TOTAL</b>	<b>379,660</b>	<b>100%</b>	<b>379,660</b>	<b>100%</b>	

### Notes

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

(2) Tributaries where gauged (Halton) - assessed by mass balance at Gostwyck - actual gauging

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

(4) Gauged at Gostwyck

(5) Unaccounted mass balance source flows at Gostwyck included in tributary inflows

Actual regulated releases from Lostock Dam

3,057