

# Water Balance Report

## Paterson Valley 2015 – 2016

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			20,240		
Volume in storage at end of Period			20,241		
<b>Change in storage</b>			<b>1</b>	<b>0%</b>	100%
<b>Storage net evaporation</b>			<b>3,361</b>	<b>2%</b>	100%
<b>Inflows</b>					
Storage Inflows (1)	85,192	<b>40%</b>			100%
Downstream tributaries (2)	126,443	<b>60%</b>			50%
<b>Subtotal</b>	<b>211,635</b>	<b>100%</b>			
<b>Net Water diverted under basic rights</b>					
Domestic and stock rights (3)			553		0%
Native title rights					
<b>Subtotal</b>			<b>553</b>	<b>0%</b>	
<b>Net Water diverted under access licences</b>					
Domestic and stock			-		100%
High security			71		100%
General security			1,549		100%
Local water utility			-		100%
Supplementary water			458		100%
<b>Subtotal</b>			<b>2,078</b>	<b>1%</b>	
<b>Environmental water</b>					
Environmental flows (Plan)			-		
End of water source excess flows (4)			205,642		100%
<b>Subtotal</b>			<b>205,642</b>	<b>97%</b>	
<b>Other outflows</b>					
<b>Unaccounted difference (5)</b>			-	<b>0%</b>	
<b>TOTAL</b>	<b>211,635</b>	<b>100%</b>	<b>211,635</b>	<b>100%</b>	

### Notes

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

(2) Tributaries where gauged (Halton) - mass balanced to end of system - actual gauging

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

(4) Gauged at Gostwyck

(5) Mass balance to End Of System

(6) Planned environmental water delivery requirements were met 100% in 2015-16.