

Water Balance Report

Paterson Valley 2016 – 2017

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Volume in storage at start of year			20,241		
Volume in storage at end of Period			20,307		
Change in storage			66	0.1%	100%
Storage net evaporation			3,560	2.7%	100%
Inflows					
Storage Inflows (1)	64,063	49%			100%
Downstream tributaries (2)	66,079	51%			50%
Subtotal	130,142	100%			
Net Water diverted under basic rights					
Domestic and stock rights (3)			553		0%
Native title rights					
Subtotal			553	0.4%	
Net Water diverted under access licences					
Domestic and stock			10		100%
High security			70		100%
General security			2,174		100%
Local water utility					100%
Supplementary water			485		100%
Subtotal			2,738	2.1%	
Environmental water					
Environmental flows (Plan)			8,610		
End of water source excess flows (4)			114,615		100%
Environment Contingency Allowance			-		
Subtotal			123,225	94.7%	
Other outflows					
Unaccounted difference (5)		0%	0	0.0%	
TOTAL	130,142	100%	130,142	100%	

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 less EOS requirements
- (5) Mass balance to EOS