

Water Balance Report

Paterson River 2010 – 2011

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage volume					
Combined volume in storage at start of year			20,373		
Volume in storage at end of period			20,395		
Change in storage			22	0%	100%
Spills			213,913		100%
Storage net evaporation			245	0%	100%
Inflows					
Storage inflows (1)	215,765	57%			100%
Downstream tributaries(2)	162,261	43%			100%
Subtotal	378,026				100%
Net water diverted under basic rights					
Domestic and stock rights (3)			552	0%	0%
Native title rights					
Subtotal			552	0%	
Net water diverted under access licences					
Domestic and stock			-	0%	100%
High security			17	0%	100%
General security			1,149	0%	100%
Local water utility			0	0%	100%
Supplementary water			461	0%	100%
Subtotal			1,627	0%	
Environmental water					
Environmental flows (Plan)			8,319	2%	100%
End of water source excess flows (4)			335,990	89%	90%
Subtotal			344,309	91%	
Other outflows					
Unaccounted difference (5)			31,271	8%	
Total	378,026	100%	378,026	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 right are not metered. Values presented are those in the Water Sharing Plan
4. Gauged at Gostwyck
5. All flows accounted in the mass balance