

Water Balance Report

Peel Valley 2014 – 2015

Water balance component	Sources of water		Distribution of water		% of volume measured
	Volume (ML)	% of total	Volume (ML)	% of total	
Storage Volume (1)					
Volume in storage at start of year			24,249		
Volume in storage at end of year			27,533		
Change in storage			3,284	8%	100%
Storage net evaporation			2,846	7%	100%
Inflows					
Storage inflows	13,012	31%			100%
Downstream tributaries (2)	29,050	69%			85%
Subtotal	42,062	100%			95%
Net water diverted under riparian rights					
Domestic and stock rights (3)			299	1%	0%
Native title rights (3)			-	0%	0%
Subtotal			299	1%	0%
Net Water diverted under access licences					
Domestic and stock			37	0%	100%
High security			285	1%	100%
General security			1,723	4%	100%
Local water utility			4,008	10%	100%
Major utility			-		100%
Supplementary water			-		100%
Subtotal			6,053	14%	100%
Environmental water					
End of system flows (4)			29,580	70%	100%
Subtotal			29,580	70%	100%
Unaccounted difference (5)			0	0%	N/A
Total	42,062	100	42,062	100%	95%

Notes:

- Storage volumes include Chaffey Dam.
- Tributary inflow consists of Goonoo Goonoo Creek @ Timbumburi, Cockburn River @ Mulla Crossing and positive AUD's from major gaining sections in CAIRO
- Water rights are not metered. Values presented are estimated from recommended values provided by NSW DPI or as specified in Water Sharing Plans.
- End of system flows are measured at Peel River at Carrol Gap
- Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows and any measurement errors recording other components.
- Environmental water delivery requirements were met 100% of the time throughout 2014-15.