

Water Balance Report

Fish 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			23,524		
Volume in storage at end of year			39,752		
Change in storage			16,228	48%	100%
Inflows					
Oberon Dam	33,861				100%
Duckmaloi Weir (2)	0				100%
Subtotal	33,861	100%			100%
Supply					
Energy Australia			1,540	5%	100%
WaterNSW (Metro)			2,172	6%	100%
Lithgow City Council			770	2%	100%
Oberon Council			550	2%	100%
Minor Consumers			118	0%	100%
Subtotal			5,150	15%	100%
Losses					
Storage net Evaporation	0		938	3%	100%
Piped Unaccounted for Water	0		1,096	3%	100%
Subtotal	0		2,034	6%	100%
Outflows					
Oberon Spills			9,575	28%	100%
Riparian Releases (3)			874	3%	100%
Subtotal			10,449	31%	100%
Total	33,861	100%	33,861	100%	100%

Notes:

(1) Storage used in calculating volume is Oberon Dam

(2) Maintained minimum 3ML/d past Duckmaloi Weir during extraction from Duckmaloi River 100% of the time.

(3) Maintained release of 2.4 ML per day from Oberon Dam to provide an environmental flow in the Fish River immediately below Oberon Dam 100% of the time.

(4) Environmental water delivery requirements were met 100% of the time throughout 2016/17