

Water Balance Report



Fish Valley 2017 – 2018

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	39,752				
Volume in storage at end of year	26,111				
Change in storage	13,641	90%			100%
Inflows					
Oberon Dam	1,592				100%
Duckmaloi Weir (2)	0				100%
Subtotal	1,592	10%			100%
Supply					
Energy Australia			5,513	36%	100%
WaterNSW (Metro)			3,702	24%	100%
Lithgow City Council			811	5%	100%
Oberon Council			645	4%	100%
Minor Consumers			132	1%	100%
Subtotal			10,803	71%	100%
Lossess					
Storage net Evaporation	0		2,050	13%	100%
Piped Unaccounted for Water	0		1,506	10%	100%
Subtotal	0		3,556	23%	100%
Outflows					
Oberon Spills			0	0%	100%
Riparian Releases (3)			874	6%	100%
Subtotal			874	6%	100%
Total	15,233	100%	15,233	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. Note: There were no periods of extraction for supply during 2017/18

(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 2017/18