

Namoi Valley Water Balance 2006/07

| 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 | 154,862 | | | | |
| Volume in storage at end of year | 37,644 | | | | |
| Change in storage | 117,218 | 70% | | | 100% |
| Storage net evaporation (2) | | | 7,782 | 5% | 100% |
| Inflows | | | | | |
| Storage Inflows | 14,255 | 9% | | | 100% |
| Downstream tributaries (3) | 34,904 | 21% | | | 100% |
| Subtotal | 49,159 | 30% | | | 100% |
| Net Water diverted under water rights (4) | | | | | |
| Domestic and stock rights | | | 1,936 | 1% | 0% |
| Native title rights | | | - | 0% | 0% |
| Subtotal | | | 1,936 | 1% | 0% |
| Net Water diverted under access licences | | | | | |
| Domestic and stock | | | 1,073 | 1% | 100% |
| High security | | | 380 | 0% | 100% |
| General security | | | 64,316 | 38% | 100% |
| Local water utility | | | 789 | 0% | 100% |
| Major water utility | | | - | 0% | 100% |
| Supplementary water | | | - | 0% | 100% |
| Conveyance | | | - | 0% | 100% |
| Subtotal | | | 66,559 | 40% | 100% |
| Environmental water | | | | | |
| Net diversions to wetlands | | | - | 0% | 0% |
| End of system flows (5) | | | 7,756 | 5% | 100% |
| Subtotal | | | 7,756 | 5% | 100% |
| Other outflows (6) | | | 1,944 | 1% | 100% |
| Unaccounted difference (3) | | | 80,401 | 49% | 99% |
| TOTAL | 166,377 | 100% | 166,427 | 100% | 99% |

Notes

(1) Split Rock Dam, Keepit Dam and Mollee Weir

(2) Includes net evaporation from Split Rock and Keepit Dams

(3) Downstream tributaries include; Peel R, Mooki R, Coxs Ck, Brigalow Ck

(4) Water rights are not metered. Values presented are estimated from recommended values provided in the Water Sharing Plan.

(5) End of system flow - Namoi at Walgett

(6) Other outflows - stock and domestic replenishments of the Pian Ck.

(5) Unaccounted difference is estimated as the difference between inflows, outflows and change in storage. This includes river evaporation, seepage, overbank flows, theft and any measurement errors recording other components.