Northern Victoria Irrigation Renewal Project

NVIRP waterforgrowth

Summary of Water Recovered Stage 1 - 2010/2011

Program	Description	Volume Recovered Megalitres, Long-Term Cap Equivalent (LTCE)
Channel Remediation	Channel refurbishment of high loss channels to reduce water seepage and leakage through banks and floors of channels.	6 187
Service Point Replacement and Removal	Decommissioning of old service points and replacement with accurate metering to reduce meter error and seepage and leakage through and around existing outlet structures.	30 835
Channel Automation	Provision of automatic regulator gates to reduce channel outfall losses and provide improved customer service.	47 587
Channel Removal	Decommissioning of old spur channels with reconnection of customers to the backbone distribution system. Reduces seepage, leakage and evaporation of water from channels.	2 117
Strategic Acquisition Business Case	High Reliability Water Shares (HRWS) and Low Reliability Water Shares(LRWS) acquired under the Stage 1 Business Case budget provision, to facilitate relocation of new customer connections to the backbone channel system (i.e. 4 614 ML HRWS and 1 385 ML LRWS).	4 981
On-Farm Efficiency Project	Water savings generated through the provision of improved on-farm irrigation systems to reduce on- farm losses. NVIRP acquired 50% of the on-farm savings achieved by farmers from their reduced bulk entitlement needs, to fund farm projects as water shares (i.e. 3 716 ML HRWS) in supporting the GBCMA's on-farm program.	3 541
Campaspe Irrigation Area	High reliability water shares acquired as part of the community-led decision to decommission the Campaspe Irrigation System (i.e. 14 896 ML HRWS).	14 240
Total		**109 488**

In addition, an estimated 1.9 gigalitres per year of long-term average environmental mitigating water was also provided by NVIRP to ensure high environmental values located in wetlands and waterways will not be impacted upon by the operation of the modernised irrigation system.