

Department of
Sustainability and
Environment

Public Accounts and Estimates Committee 2010

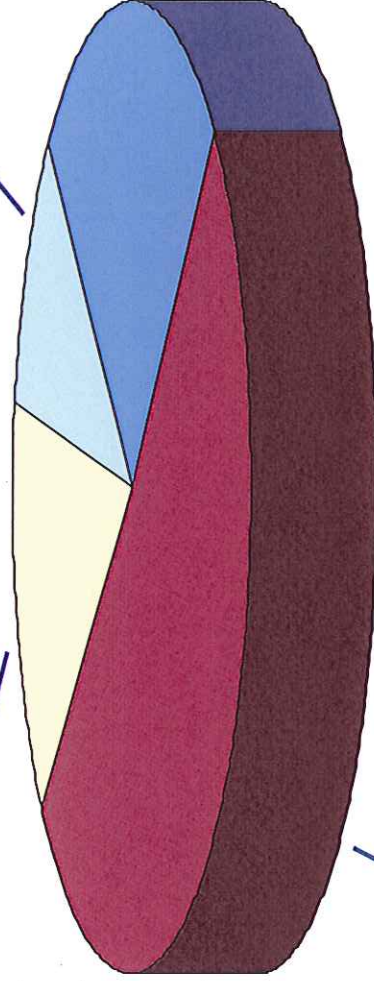
WATER

MINISTER HOLDING

Output Summary – DSE Budget by Portfolio 2010-11

Less Waste, Less Pollution; and Clean
Air, Liveable Climate - \$190.5m

Land Administration and Property
Information - \$132.7m

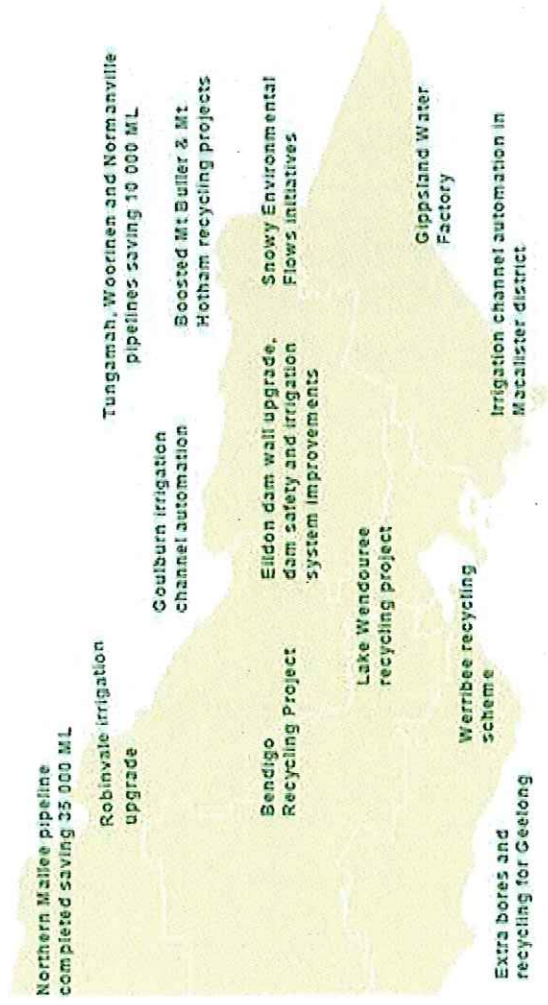


Healthy and Productive Land; Healthy,
Productive and Accessible Marine,
Coastal and Estuarine Systems; and
Flourishing Biodiversity in Healthy
Ecosystems - \$695.1m

Healthy and Productive Water
Systems - \$327.7m

Our Water Our Future 2004 and before - policy foundations

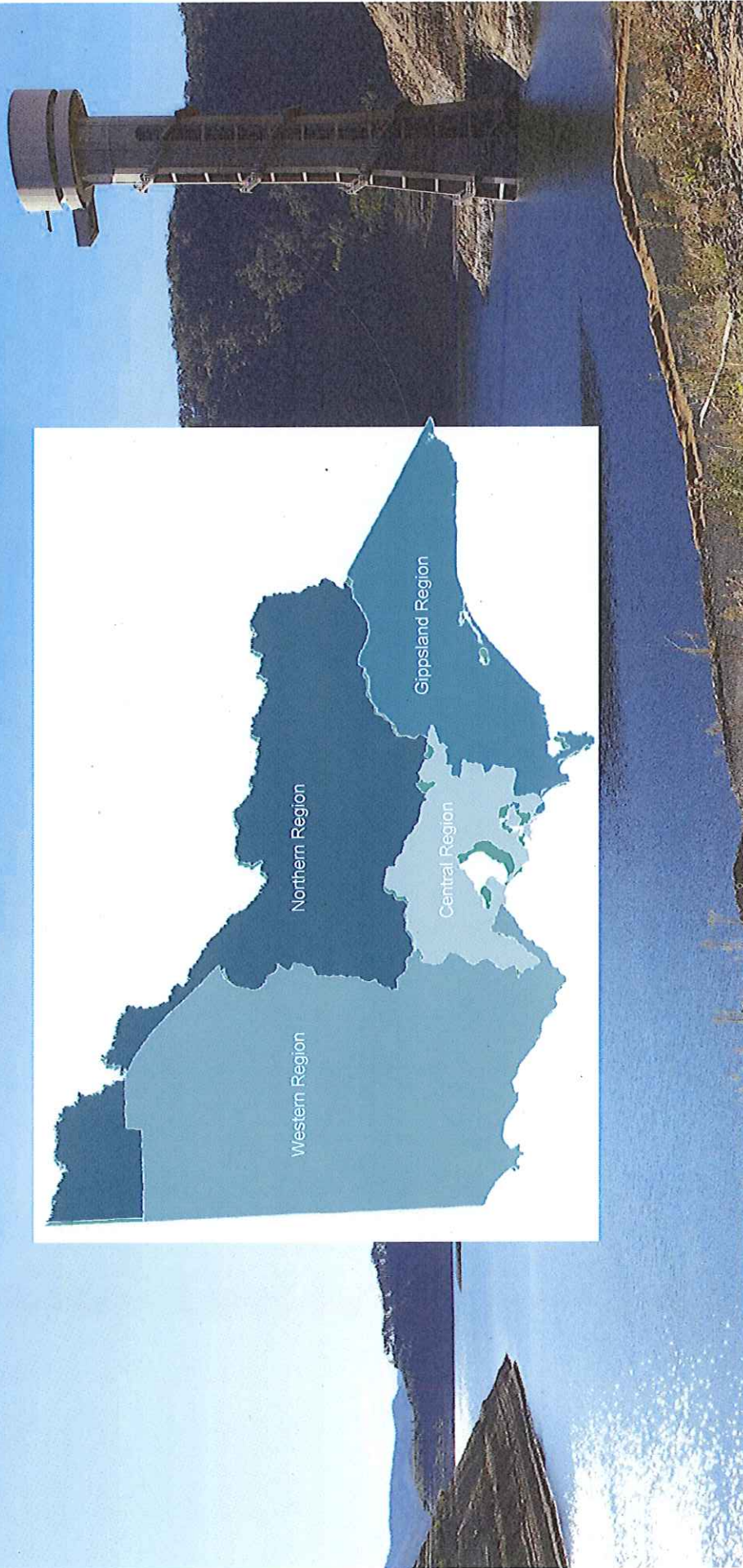
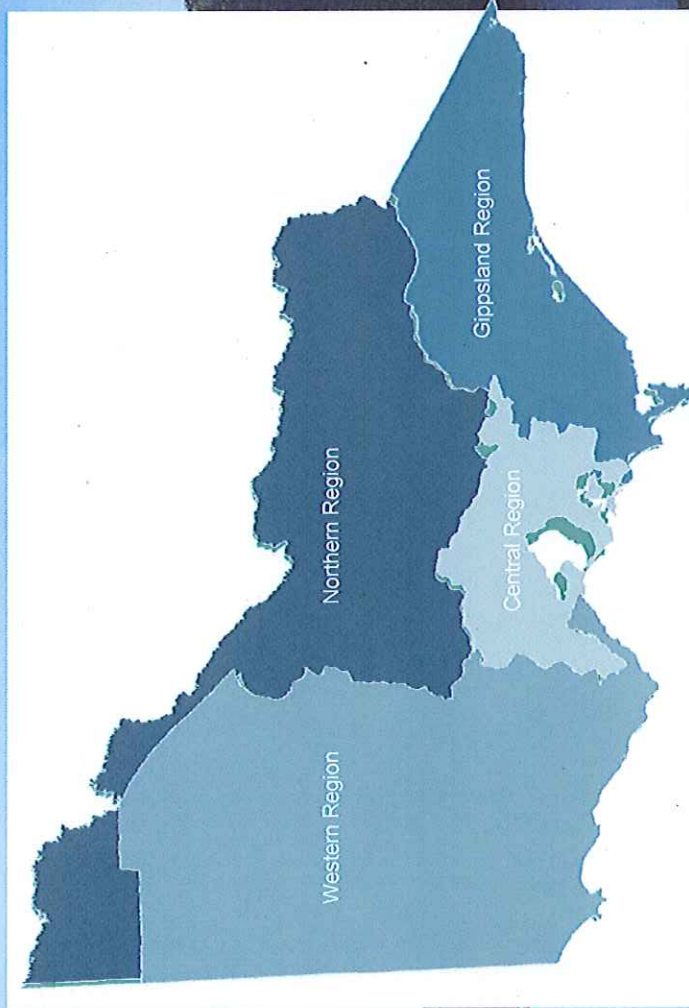
Water for growth and the environment:
projects and programs across the State



Plus: Rebates on water savings products for homes and gardens
Stormwater projects delivering savings and improved outfalls

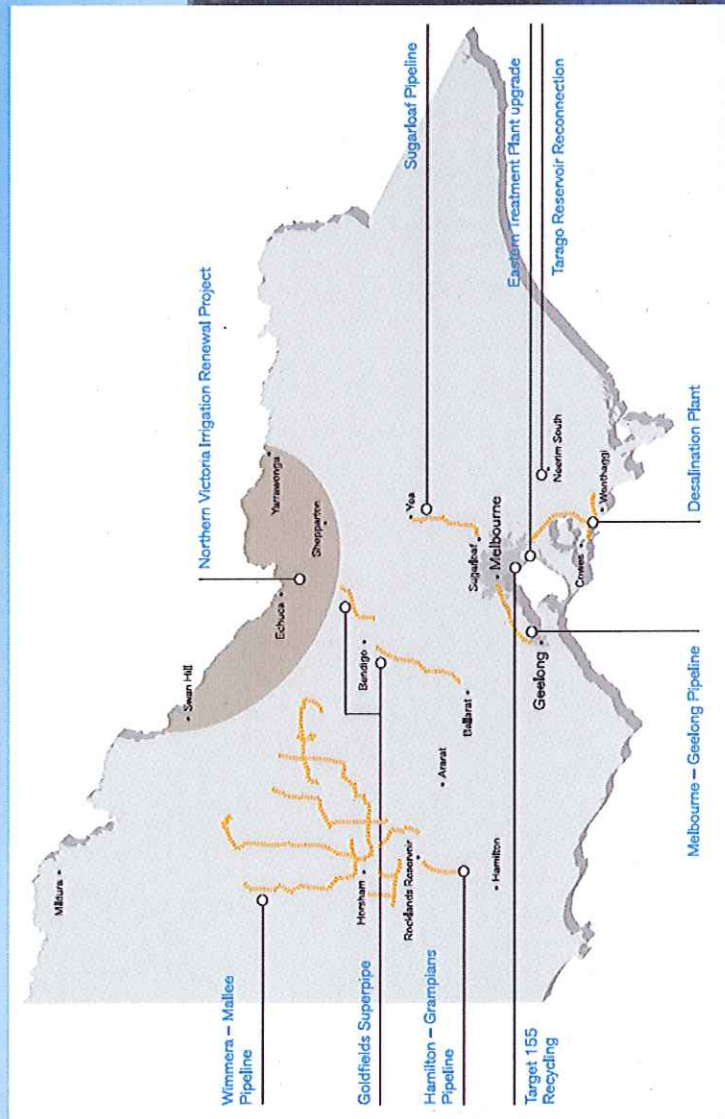
Sustainable Water Strategies

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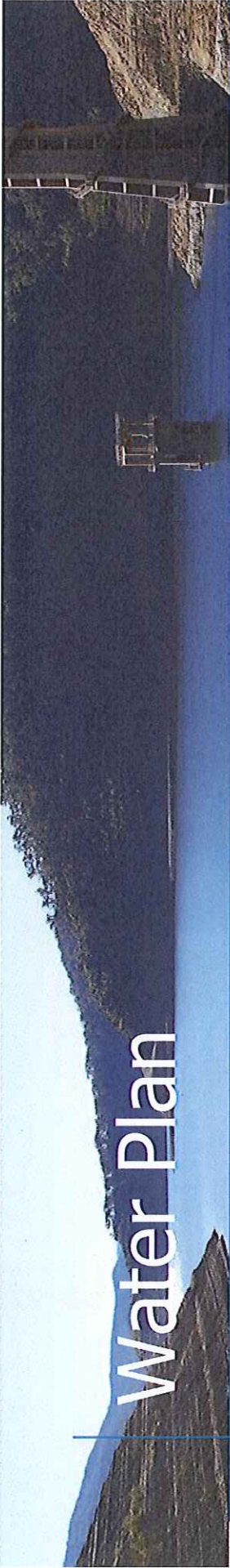
2007 Water Plan and onward

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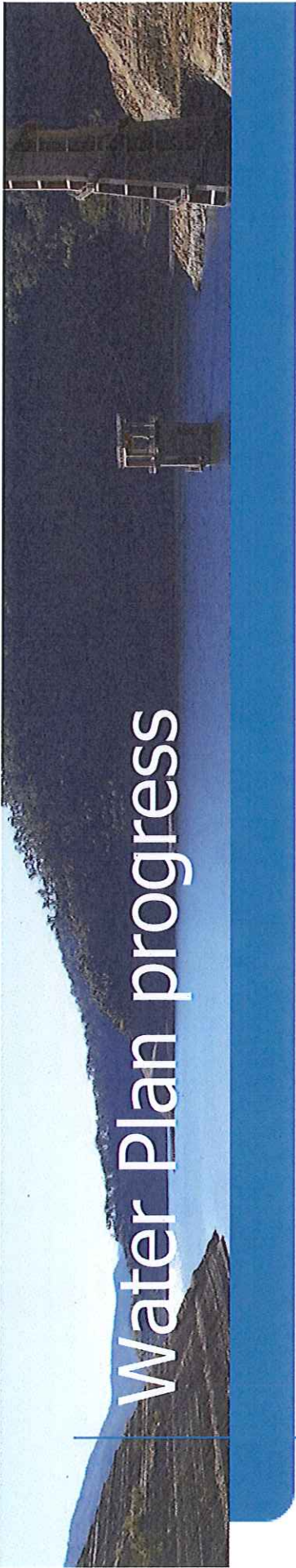
273,574 rebates and 400,000 showerheads exchanged
saving an estimated 15.7 billion litres of water a year

Recycling rate increased from 2 percent in 1999 to 23
percent in 2008-09



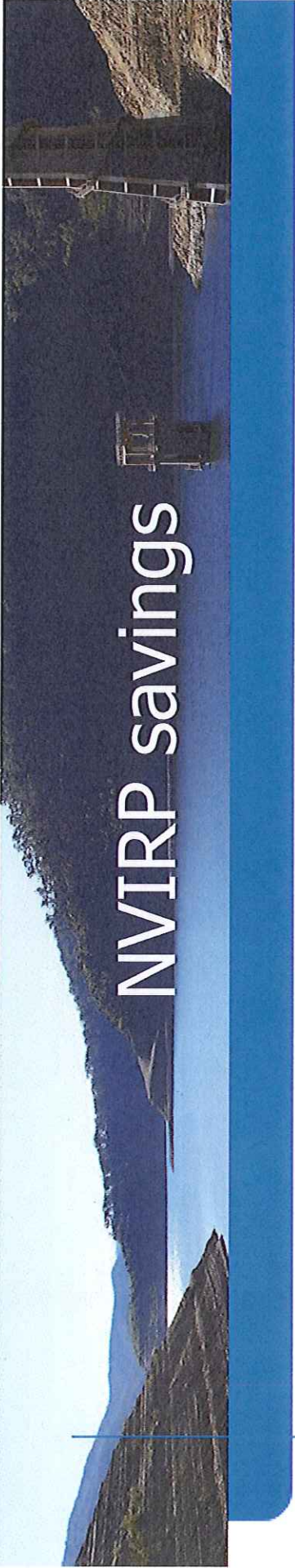
Water Plan

- Conservation
- Water Recycling
- Irrigation Upgrades
- Water Grid
- Desalination Plant



Water Plan progress

- **T155**
 - av. 149 litres per person per day
 - 29.6 billion litres saved since started
- **Recycling**
 - 93 billion litres of water recycled in Victoria in 2008-09
- **Desalination**
 - construction started September 2009
- **Northern Victoria Irrigation Renewal Project**
 - Total expenditure to date - \$419 million
 - Total 2010-11 expenditure - \$264 million



NVIRP savings

Stage 1 Business Case annual savings targets

Year	2008-09	2009-10	2010-11	2011-12	2012-13	2012-14
Cumulative total (GL)	8	54	103	151	199	225

Independent audit found 28.173GL of long term water savings achieved from works by end 2008-09

NVIRP

"With annual rye grass and summer sorghum and millet we want the water on and off the pasture quickly and we can do this now with this setup. It has been excellent for our silage production."

-- Tony Roache, Wonga Park Farms, Cobram

8 Dethridge wheels rationalised to 1 magnetic flow meter off the backbone.

"We started thinking about what we could do with this farm early last year and it is something we always wanted to do but did not realise that getting rid of channels and changing supply points would make our property more manageable."

-- Trevor Clymo, dairy farmer, Calivil
Redundant channels decommissioned, meters rationalised.

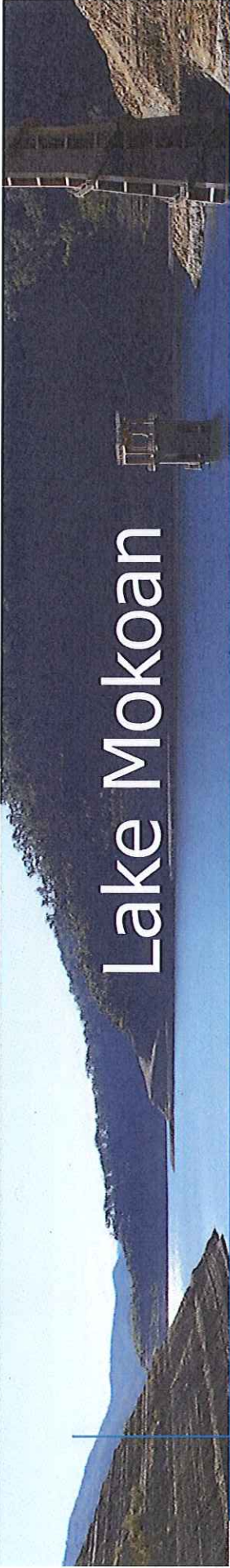
"When NVIRP offered financial incentives for rearranging our water delivery I thought for quite a while but realised I wouldn't get a better offer to improve the farm's watering capabilities."

-- Daniel Portwine, dairy farmer, Lockington
Channel rationalisation in agreement with neighbours



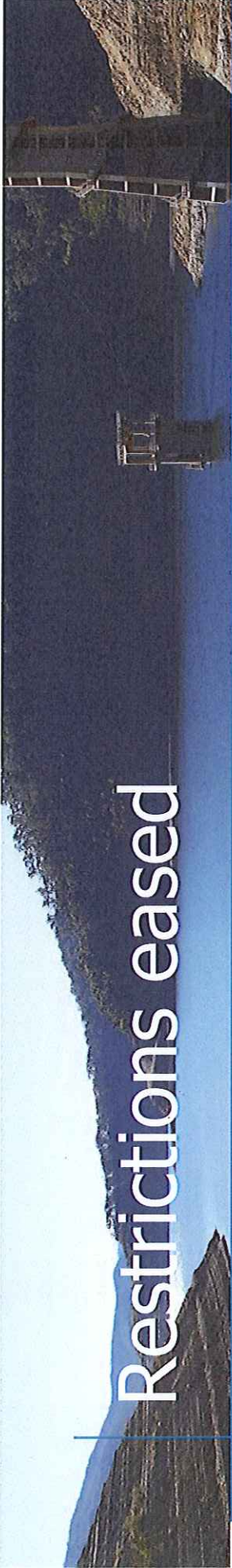
Water Grid

- Goldfields Superpipe – completed 2008, ahead of schedule
- Tarago Reconnection – completed 2009, ahead of schedule
- Sugarloaf Pipeline – completed 2010, ahead of schedule
- Wimmera Mallee Pipeline – completed 2010, ahead of schedule
- Hamilton-Grampians Pipeline - on track for completion by June 2010
- Melbourne-Geelong Pipeline - on track for completion in 2011



Lake Mokoan

- Offsets package settled with irrigators in mid-2009
- Dam wall breached March 2010
 - decommissioning process complete mid-2010
- 50.2 billion litres in savings for Snowy and Murray rivers
- Auditor General endorsed decommissioning as the most effective option based on cost, water savings and environmental benefits.
- Winton Wetlands Committee of Management takes over site mid-2010



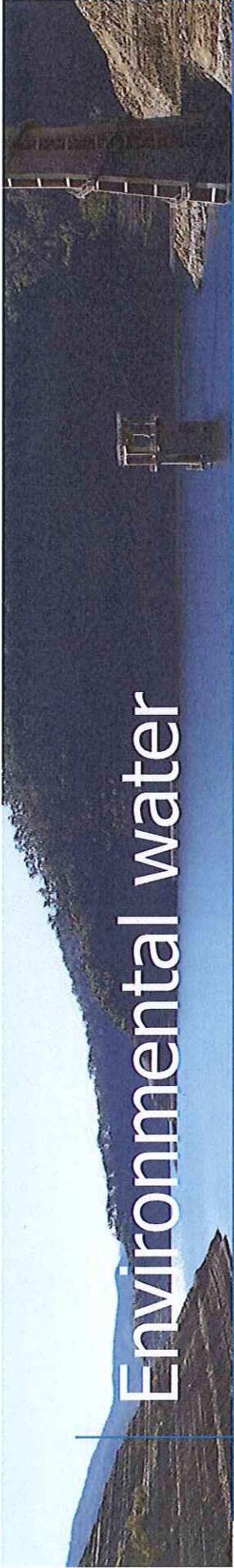
Restrictions eased

Towns on restrictions

- At April 2009, 340 towns were on water restrictions
- At April 2010, 246 towns are on water restrictions

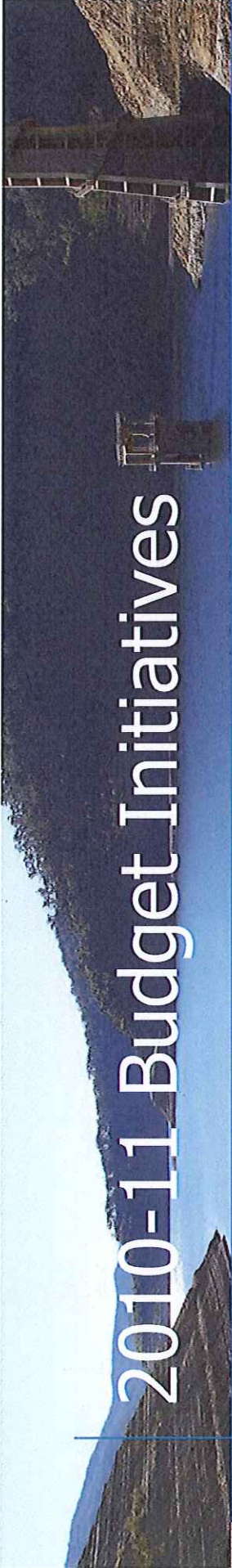
Melbourne changes:

- Three in four sportsgrounds and school ovals will be able to be watered – up from one in four;
- Households will be able to water gardens every second morning for two hours;
- Councils can increase watering of public gardens by 50 per cent; and
- Five billion litres of water will be available for farmers in Bacchus Marsh (3 billion) and Werribee (2 billion).



Environmental water

- 19.6 GL delivered to high value wetlands, lakes and waterways in northern Victoria, including Hattah Lakes and Barmah Forest
- **Wimmera Mallee Pipeline**
 - Regular base flows in Wimmera River for first time in 90 years
 - 23 GL environmental water provided to Wimmera and Glenelg Rivers
 - Significant flows reaching Lake Hindmarsh for the first time since 1996
 - Recreational lakes refilled
- **Moorabool River**
 - Environmental flows returned following easing of Ballarat restrictions
- **Yarra, Thompson and Tarago rivers**
 - 3GL returned to Thompson River
 - 7GL returned to Yarra River
 - 2-3GL returned to Tarago River



2010-11 Budget Initiatives

- \$10.5 million TEI and \$1.2 million over two years for Victoria's contribution to works at the Hume Dam and the operations of the Murray Darling Basin Authority
- \$10 million 'Green Plumbing' package
 - \$5 million for additional rain water tank rebates
 - \$1.6 million to expand the waterMAP program
 - \$1 million to expand leak reduction program
 - \$2.4 million for a range of other initiatives – (doubling of rebate for dual flush toilets, additional low flow showerheads, new industrial water efficiency program)