

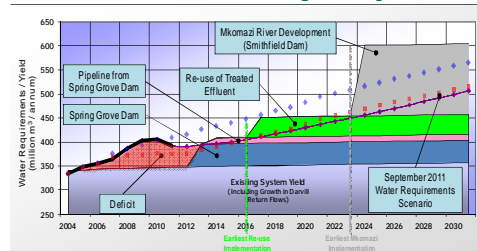
## Implementation and Maintenance of the Water Reconciliation Strategy for the KwaZulu-Natal Coastal Metropolitan Areas

### Revised Water Balance and Reconciliation Scenarios

27 September 2011

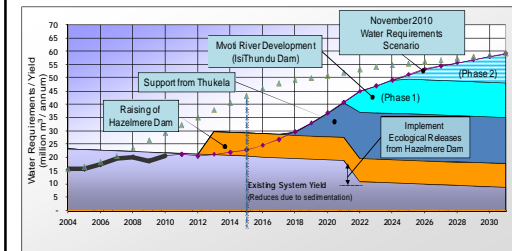


## Water Balance – Mgeni System



Water reconciliation situation in the Mgeni River System (Sept 2011)

## Water Balance – Mdloti System



Water reconciliation situation in the Mdloti/Mvoti River System (Sept 2011)

## Water Resource Reconciliation Strategy Recommendations

### Strategy Actions (1 of 4)

Action	Responsibility
<b>PRIORITY INFRASTRUCTURE PROJECTS</b>	
MMTS 2 - Spring Grove Dam and transfer system	National Water Resource Infrastructure Branch & TCTA
Raising of Hazelmere Dam	National Water Resource Infrastructure Branch
North Coast Pipeline	Umgeni Water

### Strategy Actions (2 of 4)

Action	Responsibility
<b>PRIORITY FEASIBILITY STUDIES</b>	
Feasibility Study of the Mkomazi River Transfer Scheme.	DWA Directorate: Option Analysis
Feasibility study of the Thukela and Mvoti systems	DWA Directorate: Option Analysis/ Umgeni Water
Feasibility study for water re-use options	Ethekewini Metro
Feasibility study for desalination of sea water	Umgeni Water

## Crocodile West River System SSC – 29 July 2010

### Strategy Actions (3 of 4)

Action	Responsibility
<b>WATER USE EFFICIENCY</b>	
Implement further Water Conservation and Water Demand Management measures	Ethekwini, Ilembe, Ugu, Umgungundlovu Municipalities & DWA Directorate: Water Use Efficiency.
Rain water harvesting	Ethekwini, DWA Directorate: Water Use Efficiency

### Strategy Actions (4 of 4)

Action	Responsibility
<b>INSTITUTIONAL ARRANGEMENTS</b>	
Constitute the System Operation Management Forum	DWA KZN Regional Office
Establish a forum to share WC/WDM experiences	Umgeni Water to coordinate
Embark on a media campaign to support the recommendation and actions	DWA KZN Regional Office and municipalities