



# water affairs

Department:  
Water Affairs  
**REPUBLIC OF SOUTH AFRICA**

Directorate: National Water Resource Planning

## **KWAZULU-NATAL COASTAL METROPOLITAN AREA WATER SUPPLY SYSTEM**

### **Strategy Steering Committee (SSC) for the Implementation and Maintenance of the Reconciliation Strategy for the KwaZulu-Natal Coastal Metropolitan Area Water Supply System**

#### **Terms of Reference for the SSC**

## **1. INTRODUCTION**

A Reconciliation Strategy for the KwaZulu-Natal Coastal Metropolitan Area Water Supply System was finalised in 2009 by the Department of Water Affairs (DWA). This Strategy identified, prioritised and confirmed the essential interventions necessary to meet the water requirements of the area for the next twenty five years.

The KwaZulu-Natal Coastal Metropolitan area is the third largest contributor to the national economy and has the second largest population concentration in the country. It is the economic hub of KwaZulu-Natal and is very important for the economic well being of the province. This area is experiencing rapid growth in water demand because of the influx of people from the rural areas, economic growth, and development initiatives.

The key objectives of the Reconciliation Strategy were to identify, evaluate and prioritise interventions to reconcile the water requirements with the available water resources up to the year 2030. This was achieved by means of a transparent and open process which was made possible through collaboration with stakeholders and institutions involved in the water supply cycle.

The development of the Reconciliation Strategy was guided by the involvement of sector representatives in the area. These representatives provided their inputs as members of a Project Steering Committee, local and provincial authorities, technical experts or concerned residents.

One of the recommendations of the Reconciliation Strategy was that the Project Study Committee (PSC) continues as a Strategy Steering Committee (SSC) with a clearly defined mandate and scope of work for the implementation and maintenance of the Reconciliation Strategy. The continuous involvement of the members of the PSC in the implementation and maintenance of the strategy is key to ensure that the recommendations made in the Reconciliation Strategy are implemented.

The primary function of the Strategy Steering Committee will be to take responsibility for the implementation of the Reconciliation Strategy by providing strategic advice and guidance and to make recommendations on a bi-annual basis, on long-term planning activities required to ensure ongoing reconciliation of water requirement from and available supply to the KwaZulu-Natal Coastal Metropolitan Water Supply area.

It is anticipated that in line with the recommendations of the Reconciliation Strategy, several committees or working groups will be formed from the SSC to further investigate matters pertaining to the implementation of the Reconciliation Strategy. It is proposed that the SSC will have a close working relationship with these groups which may include for example a Technical Support Group, System Operation Management Forum and a Forum for Water Savings.

## **2. OBJECTIVES**

The objectives of the Strategy Steering Committee are to:

- Ensure the implementation of the recommendations of the KwaZulu-Natal Coastal Metropolitan Water Supply System's Reconciliation Strategy.
- Ensure that the Strategy remains relevant.
- Ensure that the Strategy and its recommendations are appropriately communicated.

### **2.1 Implementation of Strategy Recommendations**

- Monitor the implementation of the recommendations contained in the Reconciliation Strategy.
- Monitor and address the progress and compliance with set targets and objectives, e.g.
  - Infrastructure projects
    - Mooi-Mgeni Transfer Scheme –Spring Grove Dam
    - Hazelmere Dam Raising
    - North Coast Augmentation Pipeline (Mvoti System)
    - Implementation of a bidirectional pipeline (Mdloti System)
  - Feasibility Studies
    - Mkomazi River Transfer Scheme
    - Mvoti River Development (IsiThundu Dam)
    - Thukela and Mvoti Studies
    - Re-use options for supply to the Mgeni River System and North Coast
    - Desalination of sea water
  - Implementation and effectiveness of Water Conservation and Water Demand Management and rainfall harvesting
  - Utilization of treated effluent and other discharges
  - Implementation of other interventions
  - Target dates for initiating and completing studies
- Assess the implications of deviations.
  - Report on the status of water quality in the supply area
  - Make recommendations on mitigation measures and adjustments to ensure the ongoing reconciliation of supply and requirements.

### **2.2 Relevance of the strategy**

- Review and revise the KwaZulu-Natal Coastal Metropolitan Water Supply System's Reconciliation Strategy as required.
- Monitor and ensure that the water requirements are updated on an annual basis.
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- Review the annual update of the reconciliation status.
- Make recommendations on the Scenario Planning Process to cater for changes in water requirements, yield and potential delays in the implementation of selected interventions.
- Finalize the process for the Selection of Interventions for implementation.
- Make recommendations to the Department of Water Affairs and the relevant Water Services Authorities (WSAs) for further studies required to update the water requirement and system yield, as well as on the need to implement interventions.

### **2.3 Communication**

- Communicate progress of the strategy implementation to the public
- Report back to the SSC member organizations on progress and actions required
- Brief relevant municipalities and Water User Associations (WUAs) on imminent decisions.
- Inform politicians of press releases relating to the reconciliation of supply and requirement.
- Liaise with the System Operation Management Forum as required.
- Provide information for the DWA, WSAs and other relevant institutions' websites.

## **3. ARRANGEMENTS**

KwaZulu-Natal Coastal Metropolitan Water Supply System's Strategy Steering Committee is a steering committee formed to ensure the ongoing reconciliation of water supply and requirement. Whilst the committee comprises of representatives from national government, provincial government, local government, the CMAs and WUAs, the meetings will be facilitated and chaired by DWA: Integrated Water Resource Planning.

## **4. ADMINISTRATIVE AND TECHNICAL SUPPORT GROUP**

A Technical Support Group (TSG) will be appointed to support the Strategy Steering Committee. The TMC will provide administrative, scientific and technical support. This support will be facilitated through DWA: National Water Resource Planning.

## **5. REPRESENTATION**

The institution / agencies to be represented on the Strategy Steering Committee are listed in the Table below:

*Table distributed separately for the time being.*

## **6. STRATEGY STEERING COMMITTEE MEETINGS**

It is envisaged that two meetings will be held, at six monthly intervals, each year. Meetings are proposed for September and March each year. The following will be standing items on the agenda for review and progress feedback purposes:

- Implementation of the Reconciliation Strategy
- Infrastructure Projects
- Feasibility Studies
- Water Use Efficiency (WCWDM, rainwater harvesting)
- Water Quality
- Institutional functioning
- Water Resource Planning Model
- Operating Rules
- Re-use of water options/strategy
- Desalination of water options/strategy
- Update of the Reconciliation Strategy
- Support and linkages to other programmes (Water Use Validation Studies)
- To identify further investigative work to be done
- To deal with communication (media release and newsletter)