



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

Directorate: National Water Resource Planning

KWAZULU-NATAL COASTAL METROPOLITAN AREA WATER SUPPLY SYSTEM

Minutes of the Technical Support Group Meeting (TSG) for the Implementation and Maintenance of the Reconciliation Strategy for the KwaZulu-Natal Coastal Metropolitan Area Water Supply System

First meeting of the TSG, Thursday, 24 November 2010 at the Durban Jewish Club

		Notes / Actions
1.	WELCOME AND INTRODUCTION OF MEMBERS Neil van Wyk welcomed everybody to the meeting	
2.	ATTENDANCE AND APOLOGIES All attendants introduced themselves. The attendance register is attached as Appendix 1 to the minutes. <u>Apologies received:</u> <ul style="list-style-type: none">• Barbara Weston• Yakeen Atwaru• Johan van Rooyen• Chris Buckley• Thys Badenhorst	Appendix 1 – Attendance register
3.	ACCEPTANCE OF AGENDA Point to be added under 6 to deal with Water Resource Planning for the South Coast. Items 9 and 10 to be moved to before item 6.	
4.	TSG MEMBERSHIP & TERMS OF REFERENCE (TOR) The TOR was accepted with the following changes:- <ul style="list-style-type: none">• Add in “DWA in conjunction with Regional Partners including Umgeni Water (UW) and Ethekeeni• Add in “Chief” to DWA’s Regional Director The composition of the TSG to be changed as follows:-	

	<ul style="list-style-type: none"> • Johan van Rooyen to be removed • Jaap Kroon to be added • Mr Moodliar & Mr Pfaff will represent ethekwinini • Mike Greatwood and Brenda Siuprsab to be added 	
5.	<p>REFLECTION ON THE SSC MEETING OF 2 SEPTEMBER 2010</p> <p>The actions resulting from the SSC meeting of 2 September 2010 were discussed.</p> <p>Action 1: Revision of SSC TOR and circulation</p> <ul style="list-style-type: none"> • The TOR has been updated and will be circulated closer to the next SSC Meeting <p>Action 2: TCTA and DWA infrastructures branch to be invited to next SSC Meeting</p> <ul style="list-style-type: none"> • Jaap Kroon of DWA to be invited to SSC meeting. Jaap Kroon will decide on the need to invite TCTA. <p>Action 3: Progress Report and Press Release to be used to highlight seriousness of water supply situation</p> <ul style="list-style-type: none"> • Press Release is being revised by DWA and will be presented to Minister of DWA for approval. The original press release is available for distribution within organisation if required. • Umgeni Water is aware of water situation. Angela Masefield (AM) suggested that the message may not have got through to the UW executives as they are saying that no water restrictions will be imposed this year. Steve Gillham (SG) will follow up. • Bill Pfaff (BP) said that the gravity of water situation has not been communicated through Ethekewini structures. • Niel van Wyk (NwW) referred to the water situation document detailing the reconciliation findings of the major water supply systems in South Africa. This document can also be used for information to stakeholders. It is available on the DWA web site. • In general the gravity of the situation needs to be communicated through the institutions. <p>Action 4: Progress Report and Press Release</p> <ul style="list-style-type: none"> • The Progress Report has been circulated. • The Press release has been revised by DWA and will be presented to the Minister of DWA for approval. <p>Action5: Letter from SSC to DWA top management highlighting water supply crisis must be drafted</p> <ul style="list-style-type: none"> • Letter has been prepared. <p>Action 6: Other local municipalities must be invited to attend SSC Meetings</p> <ul style="list-style-type: none"> • AM has contacted local municipalities and is certain they will attend the next SSC in March 2011. <p>Action 7: Support is required for WCWDM initiatives:</p> <ul style="list-style-type: none"> • Donor funds have been made available to support WCWDM initiatives. Regional 	<p>Golder</p> <p>DWA</p> <p>All</p> <p>SG</p> <p>BP</p> <p>All</p> <p>NwW</p>

	<p>Office is involved in initiatives.</p> <ul style="list-style-type: none"> Local municipalities need support from National Government on removing illegal connections Paul Herbst to get involved in WCWDM in study area. 	DWA
	<p>Action 8: Operation Management Forum (OMF) Meeting to be held</p> <ul style="list-style-type: none"> Meeting has taken place. Follow up meeting arranged. Press Releases have not been made yet. Draft TOR for the OMF has been sent to the Chief Director. Not yet approved. AM to follow up with Chief Director of Regional Office SG to circulate latest status report. 	AM SG
	<p>Action 9: Desalination programme to be finalised.</p> <ul style="list-style-type: none"> Program to be updated. The project will start in 2011 with site selection. 	
6.	<p>WATER INFRASTRUCTURE IMPLEMENTATION SCHEDULE</p> <p>The implementation schedule was presented and discussed. The key points made are:-</p> <ul style="list-style-type: none"> WC/WDM <ul style="list-style-type: none"> Water purchases from UW by eThekweni have reduced. Need a longer period to see if the reduction continues A WC/WDM projected supported by Development Bank of South Africa has been earmarked for Umsunduzi Municipality. No change in WC/WDM Schedules <ul style="list-style-type: none"> Working as purchases Ethekeweni from UW have reduced. WC/WDM but need a longer period before conclusions can be made. WC/WDM project supported by DBSA has been for Umzinduzi LM. Spring Grove Dam <ul style="list-style-type: none"> Offtake agreement has been signed end of November 2010 and funding approved. EIA work from dam to existing pipeline has to be redone. Trying to get basic assessment to reduce process time. Delivery date for pipeline delayed to March 2014. Hazelmere Dam Raising <ul style="list-style-type: none"> Kobus Bester (KB) to revise schedule but delivery date still March 2013. Hazelmere critical for North. Tongaat Hulett's is developing and needs water. Their development is planned for 2012. North Coast pipeline & Hazelmere Water Treatment Works (WTW) <ul style="list-style-type: none"> Honolubu pipeline complete The upgrade of water to Hazel will be completed by the time Hazelmere 	

	<p>Dam is raised</p> <ul style="list-style-type: none"> ○ Date to be updated • Mkomazi <ul style="list-style-type: none"> ○ October 2022 is optimistic for Mkomazi to deliver water. ○ Reserve not included in Mkomazi. TOR – needs to be included early to get it done in time for planning. Add to bar chart. • Mvoti River <ul style="list-style-type: none"> ○ Dates to be updated. ○ Estuary Reserve to be included in Feasibility Study. ○ Need feasibility level for all options so that we can compare schemes and make choices. ○ EIA: Start June 2011. • Desalination <ul style="list-style-type: none"> ○ Site selected end of January 2011. Will provide direction on further steps of the project. ○ Big problem is electricity supply. Need to include energy appraisal of project. Could be a fatal flow. • South Coast Water Resource Planning <ul style="list-style-type: none"> ○ The lower Mkomazi is being targeted to meet water requirements of Amanzimtoti. ○ Need to know Upper Mkomazi planning so the planning for the Lower Mkomazi can be continued. ○ Need a program for development of the South Coast Pipeline. 	
7.	<p>LICENCE APPLICATION FOR DISCHARGE OF EFFLUENT FROM RE-USE PLANT</p> <p>A presentation on the impact of the discharge of the effluent stream from the re-use plants was made by Trevor Coleman (TC). The key points were the following:-</p> <ul style="list-style-type: none"> • The impact assessment needs to be completed and a report produced to support the licence application • The licence application to be submitted to AM for processing. The target date for submission is February 2011. 	Golder
8.	<p>MGENI ESTUARY RESERVE</p> <p>The progress with the Mgeni Estuary Reserve was discussed. The following points were noted:-</p> <ul style="list-style-type: none"> • The link between the effluent discharge from the re-use plants and the estuary was discussed. The Mgeni River is a significant water resource and the discharge could impact on the estuary. The reserve will be required for the licence application and the EIA. • BP raised concerns on the delays that the reserve determination will cause the EIA for the re-use project. • BP to approach Ms N Forbes of MER on the Reserve requirements. NvW will meet Ms Forbes on the 26th of November 2010 to determine details of the study required. 	

9.	<p>WATER BALANCES</p> <p>The recent water balances for the Mdloti and Mgeni River Systems were presented by Pieter van Rooyen (PvR). The following key points were noted:-</p> <ul style="list-style-type: none"> • Deficits have grown due to delays in project implementation. • Purchase of irrigation was mooted and discussed. There is 50million m³/a available for purchase if required. • BP raised concern that if Smithfield is commissioned in 2022 then the re-use scheme will no longer be needed. A Public Private Partnership will be entered into to run the plant. Companies will not commit for a 6 year project period given the expense of the plant. • Need to develop schemes to a similar level of detail so that the schemes can be compared. • Need to review the dates for Mvoti scheme implementation. 2018 is early. • Change North Coast pipeline to North Coast supply infrastructure. • Groundwater as a source was discussed. There are insufficient groundwater resources available to supply the volumes needed. <p>SG presented on the status quo. Volume graphs and risk levels presented. SG to email documents to PvR.</p>	SG
10.	<p>SYSTEM OPERATION MANAGEMENT FORUMS</p> <ul style="list-style-type: none"> • Water Savings Forum. • The Water Savings Forum meeting has not been held. • There is a need to co-ordinate the WC/WDM initiatives. • AM to follow up with the Regional Director on the Progress • Regional Office to continue with co-ordination and meeting 	
11.	<p>ACTIONS TO SUPPORT THE 2ND SSC MEETING</p> <ul style="list-style-type: none"> • Update schedules • Update Water Balance • Feedback on OMF 	
12.	<p>COMMUNICATION</p> <ul style="list-style-type: none"> • Newsletter to be discussed at PMC meeting. • TSG members to communicate status of water resources in KZN back into their organisations. 	All