

Greater Umngeni System Operations Forum

Presented at: KZN SSC
27 September 2011
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Presentation Outline

- Background to the SOF
- Purpose of the SOF
- Membership
- Guidelines for functions
- Standard Agenda
- Progress to date



Background

- Systems Operations forum was established on 15 March 2011 at its first meeting held in Durban Regional Office
- The purpose of the forum is to provide the platform at which the results by the DSS's analyses will be presented for informed discussions and clarifications



Background Cont'd

- UmSOF is a consultative body to provide the mechanism for interaction, exchange of information and coordination of activities for the operation of the Umngeni water supply system.
- At least two meetings should be held each year



Membership

- Membership of the UmSOF is to be drawn from representatives of water users of the system, the following members were identified:
 - DWA representatives
 - Umgeni Water
 - Ethekwini Metro
 - Umsunduzi
 - Umgungundlovu
 - Ilembe
 - Ugu



GUIDELINE FOR FUNCTIONS OF THE SOF

Period	Technical Requirements	Coordinator
Annually Months 1 to 12	Suggest operational scenarios for making simulation runs and determine appropriate annual operating rules	DWA
	Make informed decisions based on the operating rules to project restriction risks & implications up to the next Decision Date	DWA
	Set the month for "water budgeting" when SOF is held to share information on water abstraction allocations for the next year	DWA, SOF
	Monitor the performance closely to determine if objectives set at the previous Decision Date are being achieved	DWA, SOF
	Share information on the tariff structures and measures for possible levels of restrictions	DWA, SOF
	DWA representatives to advise the Director General on Restriction levels - when to impose or lift them	SOF, DWA
	Monitor and share information on storage levels for restriction risk	DWA, SOF
	Monitor individual dams for spillage risk	DWA, SOF
	Monitor compliance with rules/restrictions	DWA & SOF
	Monitor and share information on pollution incidents	DWA & SOF
	Monitor and share information on maintenance needs	DWA & SOF



Standard Agenda

The key items for the agenda of the Forum include:

- Status of water resources and monitoring of system response
- Water requirements – use and projections
- Risk analysis- Description and results
- Operating rules
 - Decision date
 - Priority Classification
 - Release schedules and transfers
 - Restriction levels



Progress to date

- The second SOF meeting was held on 22 September
- Current system performance status is at a good state as most dams in the system are full
- TOR for the SOF and Umgeni Water drought management plan will be finalized at the next meeting
- Stand alone dams project is ongoing (Operating Rules for EJ Smith and Umzinto Dams)



Way Forward

- No restrictions required for the next 6 months, though municipal restrictions may be necessary if/when required
- Next meeting is scheduled for 15 March 2012
- Stand alone dams project SSC meeting is scheduled for 16 November



Thank you

