



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA

# Support to the Implementation and Maintenance of the Reconciliation Strategy of the Crocodile West Water Supply System

## Minutes of the Study Management Team (SMT) Meeting, No. 5 at 09:00 on 16 September 2010, BKS Pretoria

			ACTION
<b>1.</b>	<b>WELCOME AND CONSTITUTION OF THE MEETING</b>		
	The Chairperson, Mr. Tendani Nditwani (TN) (Chief Water Resource Planner: North) opened the meeting.		
<b>2.</b>	<b>ATTENDANCE AND APOLOGIES</b>		
<b>2.1</b>	<b>ATTENDANCE</b>		
	An attendance register was circulated, as noted below:		
	Tendani Nditwani (TN)	DWA: NWRP	
	Gregory Paszczyk (GP)	DWA: NWRP	
	Koena Moabelo (KM)	DWA: WUE	
	Bernie Badenhorst (BB)	DWA: Limpopo Region	
	Ockie van den Berg (OvdB)	DWA: OA	
	Martha Komape (MK)	DWA: Limpopo Region	
	Ms. Lebo Mosoa (LM)	DWA: WRPS WQ	
	Mr. Allosius Salagae (AS)	DWA: WRPS – E&ES	
	Johan Rossouw (JDR)	BKS	
	Hermien Pieterse (HSP)	BKS	
	Pieter van Rooyen (PGvR)	WRP	
	<i>Joyce (Phapelo) Machaba (JPM)</i>	<i>DWA: RDM</i>	
	<i>Steven Shibambu (CS)</i>	<i>DWA: Limpopo</i>	
	<i>Trevor Coleman (TC)</i>	<i>Golder</i>	
	<i>Surene Whiteman (SW)</i>	<i>BKS</i>	
<b>2.2</b>	<b>APOLOGIES</b>		
	Chabedi Tsatsi (CT)	DWA: WUE	
	Rens Botha (RB)	DWA: North West Region	
	Barbara Weston (BW)	DWA: SWRR	
	* Non-permanent members are indicated in <i>italic &amp; bold</i> .		

### 3. APPROVAL OF THE AGENDA

The Agenda was approved without any amendments.

### 4. MINUTES OF PREVIOUS MEETING (NO: 4 HELD ON 14 JULY 2010)

#### 4.1 APPROVAL

The minutes of SMT 4 was approved with the following changes:

- Heading: add "at 09:00 on 16 September 2010, BKS Pretoria"

#### 4.2 MATTERS ARISING (NOT DISCUSSED IN THE ITEMS BELOW)

##### 4.2.1 Items 4.2.2: PSP to liaise with Mike Warren on impact of removal of alien vegetation

PGvR reported that a committee has been formed to determine the methodology to be used to establish the impact of the removal of alien vegetation. PGvR will keep the meeting informed.

PGvR

##### 4.2.2 Items 4.2.3: PSP to consider impact of Metsweding included under the Tshwane Municipality

HSP reported that the institutional change of Metsweding has no immediate impact on the water resources that currently supply this area. Metsweding's future growth in water requirements might be supplied from the Crocodile West River.

##### 4.2.3 Item 9(a): Crocodile West Reconciliation strategy to be presented at Limpopo Environmental Action Forum. OvdB to provide further information

OvdB reported that Limpopo Environmental Action Forum (LEAF) is concerned that DWA is not considering impact of the transfers to Lephale. A meeting was scheduled for July 2010, but was subsequently cancelled. LEAF's concern is that DWA is not considering the impact of future water transfers to Lephale on other potential users. OvdB is awaiting more information and an invitation from LEAF.

##### 4.2.4 Item 9(b): Distribute Action List with meeting minutes

Done.

### 5. TASK 1: INCEPTION PHASE

An internal decision was made by DWA Management that no variation orders will be allowed. Additional tasks were added to the Study during the Inception Phase, and to remain within the Contract Amount some additional and existing tasks were cancelled. Most of the work should be completed by June 2011. The Inception Report is revised accordingly and a final draft will be submitted by the end of September. A copy of the Inception Report will be distributed to the members of the STM after approval by TN.

HSP/TN

## 6. RECURRING TASKS

### 6.1 TASK 2: PROJECT MANAGEMENT – WORK PROGRAMME

The updated work programme was distributed, indicating that most of the tasks should be completed by June 2011. The next Strategy Steering Committee (SSC) meeting is scheduled for 24 February 2011.

### 6.2 TASK 3: LIAISON AND INFORMATION DISSEMINATION

- (a) The Water Balance was presented to Mr Johan van Rooyen on 31 August 2010.
- (b) TN requested that all presentations should use the standard DWA format, as was used for the SSC presentations.

### 6.3 TASK 4: STAKEHOLDER ENGAGEMENT AND ADMINISTRATION

#### 6.3.1 Matters arising from previous meeting

- (a) **Item 6.3.2(b):** Completed: A list of all invited SSC members was sent to Ockie van den Berg.
- (b) **Item 6.3.2(c):** Completed: JPM and BW liaised with PGvR on the requirements for the presentation at the SSC on the Ecological Water Requirements
- (c) **Item 6.3.2(d):** Completed: SSC meeting was confirmed for 29 July 2010.

#### 6.3.2 Progress

- (a) The draft Minutes of the first SSC are being finalised.
- (b) A newsletter with background information and progress on the study will be prepared for distribution to all stakeholders

PvR/AL/TN

HSP/TN

## 7. TECHNICAL TASKS

### 7.1 TASK 5: WATER QUALITY MODEL

TC presented the progress made on Task 5: the Water Quality Model. The presentation is attached to the minutes.

### 7.2 TASK 6: WATER RESOURCES PLANNING MODEL

- (a) Jonathan Schroder has set up the WRPM with the support of PGvR. Problems were experienced with the irrigation blocks and are being attended to.
- (b) TN noted that the data from the Validation and Verification Study should be linked to the model, although a PSP has not been appointed to undertake this.

PGvR



### 7.3 TASK 7: DEVELOPING OF OPERATING RULES

#### 7.3.1 Matters arising from previous meeting

**Item 7.3.1(a):** The operating rules determined under this task will be included in the WRPM.

### 7.4 TASK 8: WATER TARIFF REVIEW

Task cancelled.

### 7.5 TASK 9: RECONCILIATION STRATEGY REPORT UPDATE

#### 7.5.1 Matters arising from previous meeting

(a) **Item 7.5.1(b):** The All Towns Study reports were obtained from SRK.

(b) **Item 7.5.2(b):** The updated water balance with the inclusion of the MCWAP requirements was completed and forwarded to Vaal Reconciliation Strategy PSP.

(c) **Item 7.5.2(c):** HSP to arrange a discussion with Fred van Zyl/ Alistair Wensley on future water requirements from Crocodile West resources. Alistair Wensley was invited to the SMT meeting to facilitate discussion on this matter.

HSP

(d) **Item 7.5.2(d):** JDR will obtain information on new mining applications from BW.

JDR

#### 7.5.2 Progress

(a) The water balance was updated, using Scenario 11 from MCWAP, and presented to Johan van Rooyen on 31 August 2010. Results indicated that after 2025 the surplus water will grow due to the growth in return flows. This information will be used and refined in the WRPM (Task 6). OvdB requested a copy of the presentation.

JDR

(b) TN requested that the groundwater must be revisited. Assess how groundwater was defined in the All Towns Study and how much potential there is. GP is the contact person.

GP

(c) BB mentioned that a pipeline is planned from Klipvoor Dam via Moretele to the Modimole area. He referred to the PD Naidoo feasibility study report, contact person Abrie Vermeulen.

HSP

### 7.6 TASK 10: SUPPORT GROUP (SG) SUPPORT

TN noted that this task will continue.

**8. ADDITIONAL TASKS**

**8.1 TASK 11: TASKS REQUESTED BY JOHAN VAN ROOYEN**

**8.1.1 Marginal cost of water**

Comments received on the draft report are being incorporated into a final report.

JDR

**8.1.2 Water Security**

No comments were received on the draft report that was submitted to DWA.

**8.2 TASK 12: ANNUAL OPERATING ANALYSIS**

Task was discontinued.

**8.3 TASK 13: SUPPORT TO MCWAP**

This task has been completed. No feedback was received on the report.

OvdB

**8.4 TASK 14: TRAINING**

Training task was discontinued.

**9. GENERAL**

No items were discussed.

**10. NEXT MEETING**

The next meeting is scheduled for 09:00 on 18 November 2010 at BKS.

All

**11. CLOSURE**

The meeting was closed at 11:05.

*Minutes certified as correct and final*



PSP Study Leader

2010-11-18

Date



DWA Study Leader

18-11-2010

Date