



**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. 3  
 at 11:00 on 31 May 2010, BKS Pretoria**

### 1. WELCOME AND CONSTITUTION OF THE MEETING

The Chairperson, Mr. Tendani Nditwani opened the 3<sup>rd</sup> SMT meeting of the "Support to the Implementation and Maintenance of the Reconciliation Strategy of the Crocodile West Water Supply System".

### 2. ATTENDANCE AND APOLOGIES

RB proposed that the DWA Infrastructure Branch representative, Mark Williams, cc to Mr. Hannes Pretorius (DWA Hartbeespoort Dam) be invited. He also requested that he be copied on all correspondence.

#### 2.1 ATTENDANCE

An attendance register was circulated, as noted below:

Mr. Tendani Nditwani	(TN)	DWA: NWRP
Mr. Gregory Paszczyk	(GP)	DWA: NWRP
Mr. Pramod Sinha	(PS)	DWA WRPS - Operating rules
Ms. Lebo Mosoa	(LM)	DWA: WRPS - Water quality
Mr. Bernie Badenhorst	(BB)	DWA: Limpopo Region
Mr. Rens Botha	(RB)	DWA: North West Region
Mr. Allosius Salagae	(AS)	DWA: WRPS E&ES
Mr. Ockie van den Berg	(OJSvdB)	DWA: OA
Mr. Pieter van Rooyen	(PGvR)	WRP
Ms. Hermien Pieterse	(HSP)	BKS
Mr. Johan Rossouw	(JDR)	BKS
Ms. Andriette Combrinck	(AC)	BKS
Mr. Jonathan Schroder	(JS)	BKS
Mr. Trevor Coleman	(TC)	Golder
Mr. Fanie Vogel	(FV)	Aurecon

ACTION

HSP

## 2.2 APOLOGIES

Dr. Thinus Basson	(MSB)	BKS
Mr. Kennedy Mandaza	(KM)	DWA: NWRP
<i>Mr. Beason Mwaka</i>	<i>(BM)</i>	<i>DWA: WRPS</i>
Ms. Martha Komape	(MK)	DWA: Limpopo Region

\* Non-permanent members are indicated in *italic & bold*.

## 3. APPROVAL OF THE AGENDA

The Agenda was approved with the following amendments:

- ☐ Item 8.2 change to "*Task 12: Annual Operating Analyses*"
- ☐ Add "*Item 8.4, Task 14: Training*"

## 4. MINUTES OF PREVIOUS MEETING (NO: 2 HELD ON 15 APRIL 2010)

### 4.1 APPROVAL

The minutes of SMT 2 was approved without any changes.

### 4.2 MATTERS ARISING, NOT DISCUSSED UNDER ITEMS 5 TO 9

#### 4.2.1 Item 4.2(b): MSB to comment on the Impact of removal of forest/alien vegetation

- (a) Aurecon sent information on the impact of removal of alien vegetation. RB requested the PSP to liaise with Mike Warren.
- (b) The newly formed Directorate on Climate Change should also be involved in the topic.

PGvR

HSP

#### 4.2.2 Item 9.1: Site visit

A site visit was held on 24 and 25 May, comprising of visits to Hartbeespoort, Bospoort, Roodekopjes, Vaalkop, Klipvoor, Boschkop, Vlieëpoort and Mokolo dams. The Study Team was accompanied by Lourens van Niekerk and Daan de Villiers from DWA.

#### 4.2.3 Item 8.2 Reserve - Integration of Resource Classification into Study

After consideration and attending several meetings of the Reserve Team, the current status on the Integration of Resource Classification was agreed to be sufficient. No work is currently foreseen as part of this task.

## 5. TASK 1: INCEPTION PHASE

- (a) 1<sup>st</sup> draft to be submitted to DWA during June.

HSP

- (b) PGvR noted that the additional work may be more than the 20% limit allowed for approval by the Chief Director.
- (c) PS indicated that WRPS has an approved budget of R3 million for a study for the annual operating analyses for the Crocodile West River system. This task has subsequently been included as a separate task for this study (see Task 12).

## 6. RECURRING TASKS

### 6.1 TASK 2: PROJECT MANAGEMENT

#### 6.1.1 Work Programme

An updated programme was distributed at the meeting.

### 6.2 TASK 3: LIAISON AND INFORMATION DISSEMINATION

An update of the section on the Crocodile West System in the Strategic Planning for Water Resources document was submitted to TN.

### 6.3 TASK 4: STAKEHOLDER ENGAGEMENT AND ADMINISTRATION

#### 6.3.1 Establishment of Strategy Steering Committee (SSC)

- (a) The 1<sup>st</sup> SSC Meeting will be held on 29 July 2010 in the Hartbeespoort Dam area.
- (b) TN has invited the DWA members and requested BB and RB to check the invitation list. AL drafted an invitation letter.
- (c) Either Mr LS Mabuda or Mr Peter van Niekerk should chair this meeting. TN to confirm.
- (d) The SSC should draft a report to DWA Management.
- (e) The Mokolo-Crocodile Water Augmentation Project (MCWAP) team was requested to present their study at the SSC.

BB/RB

TN

OJSvdB

#### 6.3.2 Public meetings

- (a) PGvR will send a motivation for the preferred public participation process to TN (also refer to SMT2, Item 6.3.3(b))
- (b) Newsletters will be published once a year, and media releases twice a year to communicate the progress made on the implementation of the Reconciliation Strategy. AL will liaise with OJSvdB to gain insight into the public participation process followed during the MCWAP.

AL/OJSvdB

## 7. TECHNICAL TASKS

### 7.1 TASK 5: WATER QUALITY MODEL

- (a) TC liaised with DWA re water quality proposal (also refer to SMT2, Item 7.1 (b)).
- (b) TC acknowledged that phosphates and nitrates can be added to the WQT, but that may require an extension on the scope of work and budget (also refer to SMT2, Item 7.1(e)).
- (c) Training on the WQT model will be included in Task 14: Training (also refer to SMT2, Item 7.1(f)).
- (d) The developers of both the WQT and the WRPM manuals would be notified that updated manuals are required (also refer to SMT2, Item 7.1(g)).
- (e) TC reported that they have started collecting data. They had trouble to obtain data, especially from the point sources in Tshwane.

TN

PGvR

### 7.2 TASK 6: WATER RESOURCES PLANNING MODEL (ALSO REFER TO ITEM 7.3 FROM PREVIOUS MINUTES)

JDR reported that the WRP model was originally set up as part of the two preceding Crocodile River studies. PGvR (with support from the DWA Development Team) is currently looking at supporting the final setting up and testing of the model, which will continue after the completion of Task 13: Support to MCWAP.

### 7.3 TASK 7: DEVELOPING OF OPERATING RULES

- (a) RB requested that the Operating Rules must be included in the WQT model.
- (b) The operators must be consulted during the development of operating rules.
- (c) TN suggested the formation of the System Operating Forum (SOF), to be approved by the SSC. RB advised that the involvement of their clients, Hartbeespoort Dam water users, Hartbeespoort Dam GWS and the Crocodile West Irrigation Board. FV recommend that the existing Irrigation forum should be used. He also requested that discussions should only start after completion of the MCWAP work.

TC

PGvR

PGvR

### 7.4 TASK 8: WATER TARIFF REVIEW

Mr. Ramsden started with the review on the water tariff. He will liaise with the Infrastructure Branch, Messrs Hannes Pretorius and Danie Rademan.

## 7.5 TASK 9: RECONCILIATION STRATEGY REPORT UPDATE

- (a) BB informed the meeting about the future requirement of water at Mookgopong, Modimolle and and Bela Bela. He mentioned that a feasibility study indicated that the Klipvoor Dam should be considered as the resource for future water requirements to these areas.
- (b) Information on new users identified will be obtained from the All Towns Study (Messrs Mirco Ristic or Pieter Labraum (tel 011 441 1273).

HSP

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

No discussion.

## 8. ADDITIONAL TASKS

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

The Scope of works and budget for tasks 11a and 11b are included in the Inception report.

### 8.2 TASK 12: ANNUAL OPERATING ANALYSES

The TOR from WRPS, supplied to the study team by PS, was included in the task description for Task 12: Annual Operating Analyses (also refer to SMT2, Item 7.3.2).

### 8.3 TASK 13: SUPPORT TO MOKOLO/CROCODILE WATER AUGMENTATION PROJECT (MCWAP) (ALSO REFER TO SMT2, ITEMS 8.3(A) TO (E)

- (a) The task description was provided to TN (also refer to SMT2, items 8.3(a)).
- (b) BKS received the water requirements from the MCWAP team (also refer to SMT2, items 8.3(b)).
- (c) JS distributed and discuss the results. The results were made available to the MCWAP team (also refer to SMT2, items 8.3(d)). The full report would be available by mid June.
- (d) OJSvdB requested the team to analyse a raised Klipvoor Dam and a dam at Vlieëpoort (also refer to SMT2, items 8.3(e)). These analyses were required to demonstrate the impact on existing irrigation infrastructure during the public participation process.
- (e) FV noted that more analysis may be needed in due time.

JDR

JDR

FV

#### 8.4 TASK 14: TRAINING

Training for the different models is discussed in more detail the Inception Report. This, together with brochures on training, will be distributed to the DWA Regional Offices, for them to identify people for training.

HSP/RB/BB

#### 9. GENERAL

Some municipal areas in the catchment have been restructured. PSP to consider impact. It was mentioned that part of Metswideng has been included under the Tshwane Municipality.

HSP

#### 10. NEXT MEETING

The next meeting is scheduled for 9:00 on 14 July 2010.

#### 11. CLOSURE

The meeting was closed at 13:00.

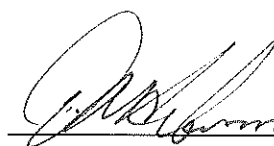
*Minutes certified as correct and final*



PSP Study Leader

2010-07-14

Date



DWA Study Leader

14-07-10

Date