



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA



EdST

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### MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

#### NATIONAL ASSEMBLY: QUESTION 1667 FOR WRITTEN REPLY

A draft reply to the above question asked by Mrs M Wenger (DA) is attached for your consideration.

DIRECTOR-GENERAL

DATE: 04/07/2012

DRAFT REPLY APPROVED/AMENDED

MRS B E E MOLEWA, MP  
MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

DATE: 12/07/2012.

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 1667

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 15 JUNE 2012  
(INTERNAL QUESTION PAPER NO. 18)

**1667. Mrs M Wenger (DA) to ask the Minister of Water and Environmental Affairs:**

- (1) What (a) is the average water loss in kiloliters per month in each municipality in Limpopo and (b) percentage of total water usage does this figure represent as at the latest specified date for which information is available;
- (2) whether any steps are being taken to assist municipalities in Limpopo to decrease water losses; if not, why not; if so, what are the relevant details;
- (3) what is the current status of the (a) demand and (b) supply of water in each municipality in Limpopo?

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**REPLY:**

- (1) The details of average water loss in kiloliters and percentage of total water usage in municipalities in Limpopo are presented in attached **Annexure A**.
- (2) Yes, the Department has taken the following measures to assist the Water Services Authorities in Limpopo to decrease water losses:
  - development of water conservation strategies and business plans;
  - water balance calculation;
  - network sectorisation;
  - replacement of water meters for large consumers;
  - leak detection and repair programme;
  - awareness campaigns; and
  - installation of bulk and household meters.

In addition to the above measures, there are four major bulk resource developments in Limpopo which are in different stages of planning; design and construction. The following major projects will supply water for primary use as well as for industrial use in support of the growth and development plans of the provincial government of Limpopo:

- Olifants River Resource Development Project (ORWRDP) Phase 2A and 2C (R1448 million)
- Mokolo Crocodile West Water Augmentation Project (MCWAP) Phase 1 (R87.8 million). ESKOM and EXXARO are responsible for the off budget portion of phase 1
- Levhuvhu River Government Water Scheme (LRGWS) pipe contracts (R716 million)
- Groot Letaba Water Augmentation Project (GLEWAP) Nwamitwa Dam (R72 million)

The total available funds for these projects is R2.3 billion.

- (3)(a) The current status of the demand of water as indicated on attached **Annexure A** in Water Services Authorities in Limpopo is high due to rapid population growth and lack of proper water conservation and demand management measures. The Department is providing support to certain Water Services Authorities (Lephalalale and Mogalakwena) to implement water conservation in order to improve the water use efficiency while investigating other options to address this demand.
- (3)(b) The current status of supply of water as indicated on attached **Annexure A** is low, as all the Water Services Authorities in Limpopo are experiencing water shortages which attributed to numbers of factors i.e. poor operation and maintenance of water supply systems. As a result, some of the Water Services Authorities are already rationalising their water supply (supply water for certain times).

Limpopo has been allocated R481 million to develop bulk infrastructure and an amount of R4.3 million has also been allocated from the Accelerated Community Infrastructure Programme to implement water conservation and water demand management.

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Water Services Authorities	Information Date	(1)(a) Average Water Loss	(1)(b) Percentage Water Usage	(3)(a) Water Demand	(3)(b) Water Supplied	(3)(a) Water Demand	(3)(b) Water Supplied	WC/WD implementation assistance from DWA
		Kl/Month	%	M/annum	M/annum	Kl/Month	Kl/Month	
Capricorn	Jun-10	1,169,266	58.20%	21,306	33,555	1,775,500	2,796,250	DWA supported the WSA during the WC/WD awareness campaign
Mopani	Jun-09	1,633,222	52.20%	44,101	40,963	3,675,083	3,413,583	DWA supported the WSA by developing the WC/WD strategy and business plan
Vhembe	Jun-09	39,662	89.00%	47,815	30,411	3,984,583	2,534,250	DWA supported the WSA by developing the WC/WD strategy and business plan
Sekhukhune	Jun-07	59,966	64.00%	35,770	51,814	2,980,833	4,317,833	DWA supported the WSA in the construction of the chambers, installation of valves and calibration of meters
Polokwane	Jun-10	1,169,266	58.20%	33,553	33,555	2,796,083	2,796,250	DWA supported the WSA by developing the WC/WD strategy and business plan
Modimolle	Jun-07	1,958,494	81.17%	3,285	2,755	273,750	229,583	DWA supported the WSA by developing the WC/WD strategy and business plan
Bela-Bela	Jun-12	73,262	60.40%	2,190	3,330	182,500	277,500	DWA supported the WSA by developing the WC/WD strategy and business plan
Mookgopong	Jun-07	16,992	75%	1,460	1,633	121,667	136,083	DWA to support with the installation of air release valves and replacement of old pipeline
Mogalakwena	Jun-10	298,039	82%	18,157	15,257	1,513,083	1,271,417	DWA supported the WSA in the assessment of the existing distribution network in order to conduct domestic households water audit, retrofitting, leak detection and repairs including distribution management, consumer demand management and return flow management.

Water Services Authorities	Information Date	(1)(a) Average Water Loss KI/Month	(1)(b) Percentage Water Usage %	(3)(a) Water Demand Ml/annum	(3)(b) Water Supplied Ml/annum	(3)(a) Water Demand KI/Month	(3)(b) Water Supplied KI/Month	WC/WDM implementation assistance from DWA
Lephalale	Jun-10	73,983	84%	5,547	5,540	462,250	461,667	Situation assessment was conducted to establish water losses, wastages and inefficient use. Assisted in identifying the faulty water meters for bulk system and replaced the water meters for large consumer, assisted in leak detection on the water supply mains and repaired the leaks where there were found. DWA supported the WSA in calculating the water balance
Thabazimbi	Jun-06	144,000	13.70%	3,285	4,182	273,750	348,500	The figure for the demand versus supply are not quantifies as the Municipality still needs to determine or calculate the water balance. The Municipality has requested DWA to assist financially so that the water balance can be done.
<b>Total</b>		<b>5,166,152</b>		<b>216,469</b>	<b>189,440</b>	<b>18,039,083</b>	<b>18,582,917</b>	

Mopani WSA- the data available is as at June 2007

Vhembe WSA - The Trend of Water supplied from 2005 -2009 reduced by 50% due to poor O&M.

Capricorn WSA- Water supplied data was derived from Non-Revenue Water Assessment June 2010

Sekukhune WSA- Information only available where there is meterage. The water supplied is about 30% more than the calculated demand because of wastage

Modimolle WSA- The data reflected only covers the Town only.

Mookgopong WSA- The data reflected covers the Town only.

Lephalale WSA- The data is covering the town only.

Thabazimbi WSA - The data is covering the town

Mogalakwena WSA - The present water supply systems cannot cope with the demand. The WSA is waiting for ORWRDP Phase 2B to be implemented to bring raw water from Flag Boshielo Dam