



## water affairs

Department:  
Water Affairs  
REPUBLIC OF SOUTH AFRICA



EdST

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### MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

#### NATIONAL ASSEMBLY: QUESTION 1687 FOR WRITTEN REPLY

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

DIRECTOR-GENERAL

DATE: 03/07/2012

DRAFT REPLY APPROVED/AMENDED

as discussed and

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

DATE: 2012/07/11

Elisabe - Please walk across and give this in Mr Trevor Biber's hands so that he can end/rework it with other such questions, which he has pulled back and currently working on them. 16h23 - 11/07/2012

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 1687

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 22 JUNE 2012  
(INTERNAL QUESTION PAPER NO. 19)

**1687. 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 the Eastern Cape and (b) percentage of total water usage does this figure represent as at the latest specified date for which information is available;
- (2) whether her department has taken any measures to assist municipalities in the Eastern Cape 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 for and (b) supply of water in each municipality in the Eastern Cape?

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**REPLY:**

- (1) The average water loss (Non Revenue Water – NRW) across all municipalities in the Eastern Cape is 35% with a range from 3.89% to 58%.
- (2) Yes, the Department has funded several Water Conservation Demand Management (WCDM) projects where situation assessments were conducted thus resulting in the compilation of the following WCDM Implementation Strategies:
  - identification and repairing of water leaks in the distribution systems;
  - identification and repairing of water leaks as well as the replacement of inferior leaking toilet cisterns at households, especially for indigent households;
  - installation of zonal and bulk water meters;
  - awareness campaigns;
  - repairing of leaking reservoirs; and
  - replacement of the ageing pipelines.

Further, the Department has implemented an extensive Councilor Development Programme to educate newly appointed councilors on WCDM.

Specific interventions are taking place in the following Municipalities:

- The Nelson Mandela Bay Municipality implements Water Conservation Demand Management (WCDM) on a continuous basis out of own funding as well as additional funding from the Department. They have a huge find and fix project focusing on the indigent households (assistance to the poor project). The project scope of work includes assessing and replacing old leaking infrastructure, pressure management, meter installation (bulk, zone, industrial and domestic) and replacement. Awareness campaign is also a huge component of the interventions. The average daily reduced by approximately 30MI/day.



- The Department funded several WCDM projects in Cacadu. The current project involves find and fixing of leaks in the distribution system and at households especially and indigent households, assessment and replacement old leaking infrastructure, awareness campaigns, pressure management, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded 2 WCDM projects in Blue Crane Route. The current project involves find and fixing of leaks in the distribution system and at households especially and indigent households, assessment and replacement old leaking infrastructure, awareness campaigns, pressure management, meter installations (bulk, zone, industrial and domestic) and replacement as well as reservoir repairs.
- The Department funded two WCDM projects in Ikwezi and repaired all their reservoirs and retrofitted the boreholes. The current project involves meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded a WCDM project over a three year period in Makana. The project involves a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households, assessment and replacement old leaking infrastructure, awareness campaigns, pressure management, meter installations (bulk, zone, industrial and domestic) and replacement, reservoir repairs and fencing.
- The Department assisted Ndlambe to do a situation assessment and compilation of a WCDM strategy, find and fixing of leaks at all households, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded three WCDM project in Baviaans. The project involved a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households especially indigent households, assessment and replacement old leaking infrastructure, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement. The Non Revenue Water of Baviaans came down from 37% to 19%.
- The Department funded a WCDM project in Kouga. The project involved a situation assessment on the metering, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded two WCDM projects in Amatole. The project involved a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households especially indigent households, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded several WCDM project in Chris Hani. The project involved a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households especially indigent households, assessment and replacement old leaking infrastructure, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement.

- The Department funded several WCDM projects in Joe Gqabi. The projects involved a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households especially indigent households , assessment and replacement old leaking infrastructure, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded two WCDM project in OR Tambo. The project involved a situation assessment and compilation of a WCDM strategy, find and fixing of leaks in the distribution system and at all households especially indigent households , assessment and replacement old leaking infrastructure, awareness campaigns, meter installations (bulk, zone, industrial and domestic) and replacement.
- The Department funded one WCDM project in Alfred Nzo. The project involved part of the implementation of their current WCDM strategy.

- (3) The total demand for all municipalities in the Eastern Cape is 556 million cubic meters per annum and the total supply is 592 million cubic meters per annum.

Eastern Cape has been allocated R480 784 060 to develop bulk infrastructure and an amount of R14 434 000 has also been allocated to the Accelerated Community Infrastructure Programme to implement water conservation and water demand management.

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