



## water & sanitation

Department:  
Water and Sanitation  
REPUBLIC OF SOUTH AFRICA

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### MINISTER OF WATER AND SANITATION

### NATIONAL ASSEMBLY: QUESTION 751 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Ms M S Khawula (EFF) is attached for your consideration.

DRAFT REPLY: RECOMMENDED/ ~~NOT RECOMMENDED~~/ ~~AMENDED~~

ACTING DIRECTOR-GENERAL

DATE: 22/03/2019

DRAFT REPLY: APPROVED/ ~~NOT APPROVED~~/ ~~AMENDED~~

NKWINTI GE, MP  
MINISTER OF WATER AND SANITATION

DATE: 26/03/2019



NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 751

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 15 MARCH 2019  
(INTERNAL QUESTION PAPER NO. 8)

751. Ms M S Khawula (EFF) to ask the Minister of Water and Sanitation:

Whether, in light of the current water consumption rates, his department commissioned any study to determine whether the country will have enough water to sustain the population, economic growth and development by (a) 2050, (b) 2075 and (c) 2100; if not, why not; if so, what are the details of the findings of the study? NW874E

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**THE MINISTER OF WATER AND SANITATION**

- (a) The Department undertakes various planning studies over 25-year horizons, including the period to 2050 to ensure water security for the country. Such studies include (i) Water Availability Assessment Studies (WAAS), which generate base input information for planning, (ii) long term water resource reconciliation planning studies for large and small demand centres, and (iii) catchment-based studies. These planning studies culminate in strategies that address water needs for the country, which are then continuously monitored and updated every 3 to 5 years to ensure that they remain current and relevant. The outputs of the studies inform the National Water Resource Strategy (NWRS), the instrument by which the minister gives effect to the National Water Act, as well as the master plans that emanate from the NWRS. The studies are available on the DWS website, at <http://www6.dwa.gov.za/iwrrp/projects.aspx>, and the National Water and Sanitation Master Plan (NW&SMP) is available at <http://www.dwa.gov.za>.
- (b) and (c). For the perspectives 2075 to 2100, the planning horizon is longer, and this is accompanied by a high degree of uncertainty. The studies conducted in (a) above provide indicative directions of strategies for the country's water security, which are continuously firmed up on a progressive basis to make them dynamic high level water resource plans that address uncertainty.

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