



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



EdTM

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MINISTER OF WATER AND SANITATION

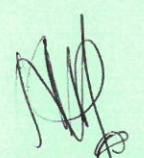
NATIONAL ASSEMBLY: QUESTION 1857 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mr L J Basson (DA) is attached for your consideration.


DIRECTOR-GENERAL (Acting)

DATE: 1/10/2014

DRAFT REPLY APPROVED/AMENDED


MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 07.10.14

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 1857

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 26 SEPTEMBER 2014
(INTERNAL QUESTION PAPER NO. 18)

1857. Mr L J Basson (DA) to ask the Minister of Water and Sanitation:

- (1) What is the status of the completion of additional refurbishment on the Rand Uranium Treatment Plant in the Western Basin of the Witwatersrand;
- (2) what is the operational capacity of the Central Basin Plant in the Witwatersrand;
- (3) has the process of implementing short-term mitigating measures in the Eastern Basin of Witwatersrand been completed; if not, why not; if so, (a) what are the relevant details and (b) what has been the effect of these measures? NW2232E

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REPLY:

- (1) The Rand Uranium Acid Mine Drainage (AMD) Treatment Plant in the Witwatersrand's Western Basin was refurbished between December 2011 and May 2012. The Plant is presently treating (neutralising) around 30 mega litres (ML) Acid Mine Drainage daily, whereupon an equivalent volume of the treated water is discharged to the environment.

In terms of an additional refurbishment, work will commence from October 2014 to increase pumping output of the Plant whilst options to increase treatment capacity will be finalised. Work on the additional refurbishment is projected for completion in June 2015.

- (2) The Central Basin Acid Mine Drainage Plant has an upper limit capacity to neutralise 84 ML Acid Mine Drainage daily. The plant is however operated at an average rate of 56 ML daily.
- (3) Yes, implementation of the short-term mitigating measures for the Witwatersrand's Eastern Basin commenced in June 2014. To date, major site clearance, demolition and backfilling work phases have all been finalised, and civil works is currently underway. The project is scheduled for completion by September 2015, with commissioning planned to occur in December 2015.

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