



water affairs

Department:
Water Affairs
REPUBLIC OF SOUTH AFRICA

MINISTRY OF WATER AND
ENVIRONMENTAL AFFAIRS

2010-03-24

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MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

NATIONAL ASSEMBLY: QUESTION 549 FOR WRITTEN REPLY

A draft reply to the above-mentioned question asked by Dr L L Bosman (DA); is attached for your consideration.


DIRECTOR-GENERAL (Acting)

DATE:

23/3/2016


DRAFT REPLY APPROVED/AMENDED


MS B P SONJICA, MP
MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

DATE: 29. 03. 2010

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 549

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 05 MARCH 2010
(INTERNAL QUESTION PAPER NO. 6)

549. Dr L L Bosman (DA) to ask the Minister of Water and Environmental Affairs:

- (a) How often is the determination of (i) 100-year and (ii) 50-year flood lines revised and
(b) what are the implications with regard to (i) permanent structures and (ii) associated
sewage infrastructure that are built below established flood lines?

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REPLY:

(a)(i)
and

(a)(ii) The flood lines are determined during the planning stage of the dam. The flood lines are revised when necessary, for instance when the dam has silted up considerably or when there are indications that the existing flood lines are not applicable any more.

(a)(i) During flooding, structures below the flood line can form obstructions which could cause a rise in water levels. This rise in water levels can then be detrimental to upstream infrastructure.

(b)(ii) During flooding, sewage infrastructure below the flood line can cause severe pollution downstream.

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