



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



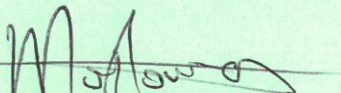
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Enquiries: Ms L Kobe
Telephone: 015 290 1231
Reference: 6/2/2/6

MINISTER OF WATER AND SANITATION

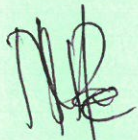
NATIONAL ASSEMBLY: QUESTION 693 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mrs Z B N Balindlela (DA) is attached for your consideration.


DIRECTOR-GENERAL

DATE: 19/03/15

DRAFT REPLY APPROVED/AMENDED



MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 31.03.15

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 693

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 13 MARCH 2015
(INTERNAL QUESTION PAPER NO. 7)

693. Mrs Z B N Balindlela (DA) to ask the Minister of Water and Sanitation:

Whether, with reference to her reply to question 358 on 3 March 2015, she can provide the results of each month's water quality test done at the Zongesien Waste Water Treatment Works since 7 July 2014; if not, why not; if so, what are the relevant details?

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REPLY:

The water quality results for Zongesien Waste Water Treatment Works (WWTW) are tabulated below; these variables are often above the acceptable limits. The variables are often above the acceptable limits because the WWTW is operating above its design capacity. This therefore means the WWTW is unable to handle the extra load which results in partial treatment of waste water. Once the plant is fully functional, there will be improvement in effluent quality from the WWTW.

Zongesien Wastewater Treatment Works Effluent: Water Quality Results								
	Physical			Chemical				Microbial
	pH <small>(unitless)</small>	EC <small>(mS/m)</small>	SS <small>mg/l</small>	COD	NO3	PO4	NH3	E. Coli <small>(CFU /100 m)</small>
Limits	5.5 - 9.5	70	15	75	15	10	3	1000
Aug-14	7.5	109	91	336	0.30	5.9	65.1	2420
Sep-14	7.4	105	128	400	0.18	4.91	60.0	2420
Oct-14	7.6	101	10	475	0.34	4.75	1.4	110000
Nov-14	7.4	96	105	476	0.38	0.46	52.3	2420
Dec-14	7.4	89	192	446	0.34	2.44	43.4	110000
Jan-15	7.4	68	38	257	0.18	0.05	33.4	110000
Mean	7.45	95	94	398	0.29	3.09	42.6	56210

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