



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



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Reference: 6/2/2/6

MINISTER OF WATER AND SANITATION

NATIONAL ASSEMBLY: QUESTION 3224 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: 11/10/15

DRAFT REPLY APPROVED/AMENDED

**MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION**

DATE: 28.10.15

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 3224

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 28 AUGUST 2015
(INTERNAL QUESTION PAPER NO. 34)

3224. Mrs Z B N Balindlela (DA) to ask the Minister of Water and Sanitation:

- (1) With reference to her media release on 14 August 2015, what are the names of the 250 water supply systems that need intervention due to non-submission of data and low performance of the operational compliance with the SA National Standard 241;
- (2) whether, besides communicating with water service institutions, her department has taken any further action to address this; if not, why not; if so, what are the relevant details?

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REPLY:

- (1) The names of the 250 water supply systems are attached as **Annexure A**.
- (2) Besides communicating with the water services institutions, non-compliance letters have been issued for some municipalities and site inspections conducted. Others have been assisted with development of action plans to address the identified short comings and task teams have also been established in other Provinces.

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Annexure A
Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Eastern Cape	Amatole District municipality	Debe Nek Network Supply
		Ngqanda Borehole Water Supply
		Nkonkobe LM - Fort Beaufort WTW
		Peddie Network Supply
		Upper Mnyameni Network Supply
	Baviaans Local Municipality	Miller
		Vondeling
	Buffalo City Local Municipality	Peddie Supply Scheme
	Chris Hani District municipality	INTSIKA YETHU (untreated)
		TSOLWANA: Ntabathemba supply system
	Ikwezi Local Municipality	Jansenville
		Klipplaat
		Wolwefontein
	Joe Gqabi District municipality	ELUNDINI LM - Ugie Rural (Boreholes & Springs)
		ELUNDINI LM -Mount Fletcher Rural (Boreholes & Springs)
		GARIEP LM - Oviston (Oviston WTP)
		SENQU LM -Rossouw (Boreholes)
	Kouga Local Municipality	Oyster Bay
	Kou-Kamma Local Municipality	Bilikiesdorp
		Clarkson
		Coldstream
		Krakeel
		Louterwater
		Misgund
		Sanddrif
	Sunday's River Valley Local Municipality	Addo Supply
		Enon Supply
Glennconnor		
Kirkwood		
Paterson		
Free State	Dihlabeng Local Municipality	Clarens Water Supply System
		Rosendal Water Supply System
	Letsemeng Local Municipality	Jacobsdal WTW
		Koffiefontein
		Luckhoff
		Oppermandgronde
		Petrusburg
	Maluti a Phofung Local Municipality	QWAQWA (Makwane WTW)
		Harrismith (Wilge WTW)
		QWAQWA (Fika - Patso WTW)
	Mangaung Local Municipality	Thaba Nchu
	Mantsopa Local Municipality	Excelsior Water Supply System
		Thaba Phatchoa Water Supply System
Tweespruit Water Supply System		
Nala Local Municipality	Balkfontein (Sedibeng Water)	
Naledi Local Municipality	Dewetsdorp Supply System (Bloem Water)	

Annexure A
Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Free State	Tswelopele Local Municipality	Bultfontein Supply Zone
		Hoopstad Supply Zone
Gauteng	Merafong City Local Municipality	Carletonville(Rand Water)
		Fochville(Rand Water)
		Wedela(Rand Water)
Kwazulu-Natal	Amajuba District municipality	DANNHAUSER LM - Dannhauser (Dannhauser TW) - uTW (WSP)
		DANNHAUSER LM - Durnacol (Durnacol TW) - uTW (WSP)
		UTRECHT LM - Waterval Prison (Ngagane TW) - uTW (WSP)
		UTRECHT LM- Utrecht (Utrecht TW) - uTW (WSP)
	iLembe District municipality	Hlanganani
		Hlimbithwa Water Scheme
		Ifalethu
		Makwanini
		Mushane WTW
		Ohwebede
	Newcastle Local Municipality	Charlestown Water System (Pixle ka Sema TW)
	Sisonke District municipality	Bulwer
		Esiqandulweni
		Nokweja
	Ugu District municipality	Boreholes
	UMgungundlovu District municipality	Appelsbosch
		Boreholes (Untreated)
		Embuthweni
		Gomane Boreholes
		Impendle Spring
		Lidgetton West
		Makeni
		Mpofana
		Mtulwa
		Ntanzi
		Nzinga
		Richmond
		Rosetta
		Springs (Untreated)
	Umgeni Bulk Supply	
	Umkhanyakude District municipality	Borehole Clusters
		Hluhlwe Phase2
		Ingwavuma
Malobeni		
Manguzi		
Mkuze		
Mpembeni		
Mseleni		
Umzinyathi District municipality	NQUTU LM - Qudeni WTW	
Uthukela District municipality	IMBABAZANE - Loskop (rural scheme)	
	INDAKA - Ekuvukeni Township and surrounding Rural areas	
	INDAKA - Tugela Estates	
	OKHAHLAMBA - Langkloof	

Annexure A
Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Kwazulu-Natal	Zululand District municipality	Coronation
		Hlobane
		Louwsberg
		Masokaneni
		Mpungamhlope
		Sidinsi
		Tholakele
Limpopo	Greater Sekhukhune District Municipality	Mapodile p. station
		Marishane Water Supply System
		Moroke Borehole
		Moutse Water Supply System
		Ngwaabe Supply System
		Vergelegen Water Supply System
	Lephalale Local Municipality	Mokuruanyane Regional Water Supply Scheme
	Mopani District municipality	Semarele
		The Greater Mopani District municipality
	Vhembe District municipality	Elim Water System
	Kutama Sinthumule Water System	
Mpumalanga	Dipaleseng Local Municipality	The Greater Dipaleseng Local Municipality
	Mkhondo Local Municipality	Amsterdam Water Supply System
		Driefontein Water Supply System
		Piet Retief Water Supply System
		Rural Water Supply System
		The Greater Mkhondo Local Municipality
	Nkomazi Local Municipality	Driekoppies/Shoemansdal/Buffelspruit/Shongwe WSS
		Fig Tree/ Masibekele WSS
		Hectorspruit WSS
		Komatipoort WSS
		Langelooop WSS
		Low Creek WSS
		Madadeni WSS
		Magudu WSS
		Malalane WSS
		Marloth Park WSS
		Mbuzini WSS
		Naas/Block C WSS
		Nkomazi Rudimentary Boreholes
		Ntunda WSS
	Nyathi WSS	
	Sibange WSS	
	Tonga WSS	
	Thembisile Local Municipality	Machipe (Goederede)
		Engwenyameni (Klipfontein)
		Kwaggafontein System
		Kwamhlanga
		Langkloof
		Moloto
		Thembaletu

Annexure A

Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Kwazulu-Natal	Umjindi Local Municipality	Rimer's water treatment works / Barberton water scheme
		Emjindini Trust water supply scheme (Boreholes)
North West	Dr. Ruth S Mompoti District Municipality	Draaihoek (Greater Taung LM Borehole_ Sedibeng Water)
		KAGISANO-MOLOPO LM, KAGISANO (Boreholes - Botshelo Water)
		KAGISANO-MOLOPO LM, MOLOPO (Boreholes - Botshelo Water)
		LEKWA TEEMANE LM- CHRISTIANA (LEKWA TEEMANE LM)
		LEKWA-TEEMANE LM - BLOEMHOF
		MAMUSA LM (Boreholes, Reservoirs - Mamusa lm)
		NALEDI LM (Boreholes/ Reservoirs - Naledi LM)
		Ntshwanahatshe (Greater Taung LM Boreholes_ Sedibeng Water)
		Takapori (Greater Taung LM Borehole_ Sedibeng Water)
	Moses Kotane Local Municipality	Madikwe water treatment plant
		Molatedi water treatment plant
		Pella water treatment works
		Vaalkop water treatment plant
	Rustenburg Local Municipality	Rustenburg Boreholes System
	Ventersdorp Local Municipality	Boikhutso Village (Bore Hole Supply System)
		Boikhutsong village (Bore Hole Supply System)
		Gamogopa village (Bore Hole Supply System)
		Goedgevonden Village (Bore Hole Supply System)
		Tsetse village (Bore Hole Supply System)
Ventersdorp (Water Treatment Works Supply System)		
Welgevonden village (Bore Hole Supply System)		
Northern Cape	!Kai! Garib Local Municipality	ALHEIT
		AUGHRABIES
		CILLIE
		CURRIESKAMP
		Kakamas Bulk Water
		Keimoes Bulk Water
		LENNERTSVILLE
		LUTZBURG
		MARCHAND
		Riemvasmaak - Sending
		Riemvasmaak - Vredesvallei
		SOVERBY
	Dikgatlong Local Municipality	Barkley West
		Blikfontein (Borehole)
		Boetsap SAP (Borehole)
		Delportshoop and Longlands (Sedibeng Water)
		Eierfontein (Borehole)
		Gong-Gong (Borehole)
		Holpan (Borehole)
		Kalkfontein (Borehole)
		Koopmansfontein
		Longlands Clinic (Borehole)
		Pniel (Borehole)
Pniel Estate (Borehole)		

Annexure A
Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Northern Cape	Dikgatlong Local Municipality	Spitskop (Borehole)
		Stillwater
		Ulco (Mine)
		Windsorton
Northern Cape	Gamagara Local Municipality	Dibeng(boreholes)
		Dingleton(Vaalgamagara bulk supply pipeline & Dingleton WTW)
		Kathu (kathu WTW, Boreholes, Vaalgamagara Bulk Supply)
		Olifantshoek (Vaal gamagara Bulk Supply Pipeline)
	Ga-Segonyana Local Municipality	Bankhara-Bodulong (Managed by Ga-Segonyana LM)
		Kuruman-Wrenchville (Managed by Ga-Segonyana LM)
		Lokaleng (GLM Boreholes_Sedibeng Water)
	Joe Morolong Local Municipality	Bothetheletsa Groundwater Management Area: D41L-M2
		Bothithong Groundwater Management Area D41G-04
		Churchill Groundwater Management Area: D41L-M10
		Laxey Groundwater Management Area D41G-05
		Maipeng Groundwater Management Area D41L-K9
		Manyeding A Groundwater Management Area: D41L-M5
		Metsetswaneng Groundwater Management Area: D41L-M7
		Tsineng Groundwater Management Area: D41L-M11
		Van Zylsrus (Boreholes)
		Ward 1 Heuningvlei Area
	Kamiesberg Local Municipality	Garies
	Kareeberg Local Municipality	Carnarvon
		Vanwyksvlei
		Vosburg
	Kgatelopele Local Municipality	Idwala (Boreholes)
	Magareng Local Municipality	Majeng Water Tank (Private)
		Malekos Farm (Private)
		Nazareth House (Private)
		Warrenton
	Nama Khoi Local Municipality	Buffelsrivier
	Richtersveld Local Municipality	Eksteenfontein
		Lekkersing
		Port Nolloth / Alexander Baai (Alexcor & 8 Myl)
		Sanddrift
	Umsobomvu Local Municipality	NORVALSPONT (TW)
NOUPOORT (BOREHOLES)		
Western Cape	Cederberg Local Municipality	Citrusdal
		Clanwilliam
		Elands Bay
		Graafwater
		Lambert's Bay
		Leipoldtville
	Hessequa Local Municipality	Albertinia
		Garcia
		Gouritsmond
		Heidelberg

Annexure A
Drinking water supply systems identified for intervention

Province	Water Services Authority	Water Supply System
Western Cape	Hessequa Local Municipality	Jongensfontein
		Melkhoutfontein
		Riversdale
		Slangrivier
		Still Bay
		Vermaaklikheid
	Hessequa Local Municipality	Witsand
	Laingsburg Local Municipality	Matjiesfontein
	Matzikama Local Municipality	Klawer
		Lutzville
	Oudtshoorn Local Municipality	De Rust
		Klein Karoo Water Supply Scheme
		Oudtshoorn
	Prince Albert Local Municipality	Klaarstroom
	Stellenbosch Local Municipality	Franschhoek
	Swellendam Local Municipality	Barrydale
Buffelsjagrivier		
Suurbraak		
Swellendam		



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Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

MEDIA STATEMENT

Most South Africans have access to drinking water

14 August 2015

An estimated 95, 2 percent of South Africans have received clean drinking water since 1994, according to figures released by the Department of Water and Sanitation (DWS). The figure is likely to increase in the next 12 months.

The figures show that the government has already met the United Nation's Millennium Development Goals of reducing the number of people who don't have access to basic water supply by half.

This achievement is contrary to unwarranted fears expressed by some water experts that the country is headed for a crisis and that it may result in water-shedding in the near future.

However the Department concedes that drinking water quality remains a challenge; and while there are improvements, there are still risks that need to be mitigated against. As the population increases the operation and maintenance load has also amplified affecting the preferred standards that the department set for itself.

Drinking water quality management

In response to the challenge, the department as the Drinking Water Regulator has introduced and manages the Drinking Water Quality Regulatory System called Blue Drop System (BDS). The system is used to monitor the performance of all Water Services Institutions (WSIs) including bulk water services providers as detailed in the Blue Drop Certification Programme. The Blue Drop Certification programme is an incentive based regulation that was introduced by the department to encourage the WSIs to achieve an excellent drinking water quality management.

One of the key requirements of the Blue Drop is implementation of asset management which includes the process audit of the water services infrastructure, water services infrastructure assets register, technical staff competence and operations and maintenance budget. The department further highlights all areas that need an improvement to improve asset management.

The Blue Drop programme also includes risk assessment and management hence this process should assist the WSI to identify all risks associated with the water supply for both infrastructure and related water quality.

Drinking water quality compliance

The table below provides a national overview with respect to compliance with drinking water quality management.

Table 1: National Drinking water compliance



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Provincial Compliance Summaries

Province	Microbiological		Chemical		Physical & Organoleptic		Operational	
	2014 Blue Drop Determinand List (Limits)		2014 Blue Drop Determinand List (Limits)		2014 Blue Drop Determinand List (Limits)		2014 Blue Drop Determinand List (Limits)	
	Monitoring Compliance	Monitoring Compliance	Monitoring Compliance	Monitoring Compliance	Monitoring Compliance	Monitoring Compliance	Monitoring Compliance	
	Jun 15	Annual	Jun 15	Annual	Jun 15	Annual	Jun 15	Annual
Eastern Cape	87.1%	87.1%	87.1%	87.1%	87.1%	87.1%	87.1%	87.1%
Free State	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Gauteng	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Kwazulu-Natal	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Limpopo	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Mpumalanga	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
North West	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Northern Cape	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Western Cape	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Bulk Suppliers	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
Private Systems	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%
National	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%	88.5%

Table 1 above shows that there is general compliance with the South African National Standard (SANS 241) for drinking water for both microbiological and chemical determinands. This means that the drinking water provided nationally is safe for human consumption and does not pose potential health threats as most determinands analysed for are within acceptable limits across the country.

However, of particular concern is the decline in terms of operational compliance by WSAs. Although this area requires an improvement, it should be also noted that drinking water still does not pose health risks to consumers. This implies that water could be aggressive to infrastructure due to low pH of water and other operational determinands that may damage household appliances such as geysers and kettles. The department is communicating with the Water Services Institutions to improve this. Where the WSIs experience any technical difficulties with regard to providing safe tap water to residents, municipalities inform both the department and residents of that town or area while resolving challenges that might be experienced.

The Department has further noted with concern the low monitoring compliance as indicated on the drinking water quality summaries. The department has been communicating low operational compliance with the affected WSIs to improve this area to avoid future non-compliance of micro and chemical compliances. The department identified 250 water supply systems that need intervention due to non-submission of data and low performance of the operational compliance with the standard (SANS 241).

Several impediments to the supply of basic water services include but are not limited to:

- Inadequate investment in maintenance, rehabilitation and replacement of old infrastructure resulting in growing service failures, spillages, declining resource water quality due to inadequate effluent quality and intermittent water outages
- Inadequate asset management is compromising water quality and reliable supply in all areas



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- *Drinking water quality management is inadequately funded at municipal level, including funding for sampling and analysis, as well as operations and maintenance*
- *Lack of trained staff and inadequate protocols.*

Enhanced regulation and enforcement of minimum water quality standards is therefore imperative. These include implementation and enforcement of regulations which spell out the minimum qualifications required for personnel operating treatment works, proper asset management including operation and maintenance of infrastructure.

Issued by the Department of Water & Sanitation

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www.dwa.gov.za

