



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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MINISTER OF WATER AND SANITATION

NATIONAL ASSEMBLY: QUESTION 2157 FOR WRITTEN REPLY

A draft reply to the above-mentioned question asked by Mrs M R Mohlala (EFF) is attached for your consideration.

DRAFT REPLY: RECOMMENDED/ NOT RECOMMENDED/ AMENDED

MS DEBORAH MOCHOTLHI
ACTING DIRECTOR-GENERAL
DATE: 23/10/2021

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

MR SENZO MCHUNU, MP
MINISTER OF WATER AND SANITATION
DATE: 16/11/2021

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 2157

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 10 September 2021
(INTERNAL QUESTION PAPER NO. 21)

2157. Mrs M R Mohlala (EFF) to ask the Minister of Water and Sanitation:

What is the status and/or condition of all the bulk water and sanitation infrastructure that his department handed over to municipalities in the Republic as at the latest date for which information is available?

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MINISTER OF WATER AND SANITATION

The Department of Water and Sanitation (DWS) is responsible for assisting the municipalities with provision of water and sanitation services to communities. In this regard, the DWS provides assistance to municipalities through conditional grants such as Regional Bulk Infrastructure Grant (RBIG) and Water Services Infrastructure Grant (WSIG) for the following:

- Building new infrastructure
- Refurbishment and upgrade of the existing water and sanitation infrastructure.

In accordance with the implementation protocols, the DWS is responsible for implementation of the infrastructure projects and the municipalities are responsible for Operation and Maintenance of the infrastructure. Upon completion of projects, the assets are handed over to the municipalities. Municipalities are therefore obliged to ensure that the infrastructure is operational and delivers water or sanitation services as intended.

Requesting the Honourable Member to refer to the table below for details on bulk projects implemented and completed from 2012/13 financial year to date as well as the status thereof.

Project	Funding	Estimated completion date
• Civil and Mechanical Infrastructure at all three Pump stations	R 36 million WSIG	2024/25 financial Year
• Construction of new inlet manholes • Construction of new inlet manhole and the demolishing of existing inlet channel • Extension of fence boundaries	R 72 million RBIG	2024/25 financial Year
TOTAL	R 108 million	

Sanitation projects in Embalenhle will be implemented over a period of four years to due budget limitations and the scope will include the following:

- Repairing of the palisade fence and installation of security features
- Construction of a new security/operator room
- Refurbishment of the pump station building

The DWS will continue to engage with and support the Govan Mbeki Local Municipality in order to continue to provide water services to the residents of the municipality on line with the Water Service act 108 of 1997.

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Status of completed projects from 2012/13 to 2021/22 financial year

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
EASTERN CAPE			
Mount Ayliff Bulk Water Supply	Alfred Nzo DM	Functional	None
Greater Mbizana Regional Bulk Water Supply Phase 1	Alfred Nzo DM	Functional	None
Mncwasa Bulk Water Supply	Amathole DM	Functional	None
Ibika Bulk Water Supply	Amathole DM	Not Functional	Water rationing due to drought around Butterworth and shortfall of funds to complete the project
Xonxa Bulk Water Supply Phase 1	Chris Hani DM	Functional	The contractor is busy with snags on the pumpstation
Coffee Bay Bulk Water Supply Scheme	OR Tambo DM	Functional	None
KSDPI Bulk Sanitation	OR Tambo DM	Functional	None
Steytlerville Bulk Water Supply	Dr Beyers Naude Local Municipality	Functional	Due to extreme drought, the plant is struggling to obtain water from the Poort where water abstraction is taking place.
Graaff Reinets Bulk Water Supply Phase 1	Dr Beyers Naude Local Municipality	Functional	None
Paterson BWS Phase 1 to 5A	Sundays River Valley Local Municipality	Functional	None
MPUMALANGA			
Acornhoek Bulk Water Supply	Bushbuckridge (Ehlanzeni DM)	Functional	None
Botleng Wastewater Treatment Works	Victor Khanye (Nkangala DM)	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Balfour Wastewater Treatment Works phase 2	Dipaleseng LM (Gert Sibande DM)	Functional	None
Amsterdam/Sheepmoor phase 1 & 2	Mkhodo LM (Gert Sibande DM)	Functional	None
Delmas Wastewater Treatment Works phase 1	Victor Khanye LM (Nkangala DM)	Functional	None
Lushushwane Regional Bulk Water Supply phase 1 to 4	Chief Albert Luthuli LM (Gert Sibande DM)	Functional	None
Hoxani Bulk Water Supply	City of Mbombela LM (Ehlanzeni DM)	Not functional	Waiting for the City of Mbombela to finalise the Mechanical & Electrical components that were funded through co-funding by the Municipality
Northern Nsikazi Bulk Water Supply			
Bushbuckridge Water Services (Cunningnore) phase 1	Bushbuckridge LM (Ehlanzeni DM)	Functional	None
Empuluzi phase 3A, 4A & 8	Chief Albert Luthuli LM (Gert Sibande DM)	Functional	None
Refurb & Upgrade of Ermelo Water Treatment Works	Msukaligwa LM (Gert Sibande DM)	Functional	None
Refurbishment of Emalahleni Water Treatment Works	Emalahleni LM (Nkangala DM)	Functional	None
Balfour/Siyathemba Regional Bulk Water Supply Phase 1	Dipaleseng LM (Gert Sibande DM)	Not functional	Awaiting the completion of the Upgrading of the Balfour Water Treatment Works in Fortuna (known as the Balfour/Siyathemba phase 2)
GAUTENG			
Upgrade of Hannes van Niekerk WWTW	Rand West City Local Municipality (formerly Westonia Local Municipality)	Partially Functional	Some process units of the new module are dysfunctional due to poor maintenance, theft and vandalism.
Upgrade of Rothdene Pump Station	Midvaal Local Municipality	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Upgrade of Sebokeng Wastewater Treatment Works Module 6	Emfuleni Municipality Local Municipality	Functional	None
KWAZULU-NATAL			
Jozini	uMkhanyakude DM	The scheme is functional. The plant is producing 20Ml/day. Bulk pipeline to Ngwavuma with 12 zonal areas completed. Zone 1 to zone 5 completed and operational with reticulation	The municipality is currently implementing zone 6 under MIG programme
Dukuduku Resettlement	uMkhanyakude DM	Functional with minor operational challenges in some areas.	Portion of the settlement with proper reticulation. UKDM has improved most of the unreliable areas through WSIG
Hlabisa	uMkhanyakude DM	The scheme is functional	There is currently not enough water coming from Mandlakazi scheme which is currently under construction. UKDM has improved most of the unreliable areas through WSIG
Emadlangeni	Amajuba DM	The scheme is functional	None
Greater Eston	uMgungundlovu DM	The scheme is functional	None
uMshwathi Phase 1-3	uMgungundlovu DM	The scheme is functional	None
Mhlabatshane	Ugu	The scheme is functional	None
Lower Tugela	iLembe	The scheme is functional	None
FREE STATE			
Maluti-a-Phofung Bulk Water Supply, Phase 1: Construction of Sterkfontein WTW	Maluti-a-Phofung LM	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Maluti-a-Phofung Bulk Water Supply, Phase 1: The construction of Escol Reservoir.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 1: Rising main to Escol Reservoir.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 2: Escol pipelines.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 2: Raw water supply system at Sterkfontein Dam.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 3: Makwane Scheme.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 3: Northern Bulk Storage Stage 1.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 3: Northern Bulk Storage Stage 2.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 3: Sealing and waterproofing of the Uniqwa Reservoirs.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 3: Bulk interconnection pipeline: Uniqwa Reversal.	Maluti-a-Phofung LM	Functional	None
Maluti-a-Phofung Bulk Water Supply, Phase 4: QwaQwa Borehole project Stage 1: Drilling	Maluti-a-Phofung LM	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
and testing of 60 operational boreholes.			
Maluti-a-Phofung Bulk Water Supply BWS, Phase 4: QwaQwa Borehole project Stage 2: The equipping of 5 priority boreholes.	Maluti-a-Phofung LM	Partially functional	From the five (5) priority boreholes, one (1) has been severely vandalised, and two (2) are not being operated.
Nketoana Bulk Water Supply, Phase 1: Stage 1A: Upgrading of the Reitz WTW	Nketoana LM	Partially Functional	The some components are not working fully.
Nketoana Bulk Water Supply, Phase 1: Stage 3A: Ground Water Study in Nketoana, and Development of Boreholes in Arlington, Petrus Steyn and Lindley	Nketoana LM	Functional	None
Nketoana Bulk Water Supply, Phase 1: Stage 3B: Upgrading of the Lindley WTW	Nketoana LM	Functional	None
Nketoana Bulk Water Supply, Phase 1: Stage 3C: Upgrading and refurbishment of Lindley and Arlington Water pump Stations	Nketoana LM	Functional	None
Refurbishment of Clarens Sewer Pump Station	Dihlabeng LM / Thabo – Mofutsanyana	Functional	None
Upgrading of La Provence Sewer pump station Rising Main	Dihlabeng LM / Thabo – Mofutsanyana	Functional	None
Upgrading of Bethlehem Water Treatment Works: Replacing of Asbestos Cement Pipeline from Abstraction point at Sol Plaatjies Dam to Water Treatment Works	Dihlabeng LM / Thabo – Mofutsanyana	Functional	None
Upgrading of Fouriesburg (Carolina) Pump Station	Dihlabeng LM / Thabo – Mofutsanyana	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Refurbishment of 4 sewer pump station in Bethlehem/Bohlokong	Dihlabeng LM / Thabo – Mofutsanyana	Functional	None
Replacement of AC pipes to PVC pipes in Memel	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Replacement of AC pipes to PVC pipes in Warden	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Refurbishment of sewer rising main(asbestos) for Ezenzeleni Area and construction of new sewer station with outfall sewer	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Refurbishment of the WTW in Vrede & Memel Water Treatment Works	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Replacement of AC water pipes to PVC in Vrede – Phase 1	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Phumelela BWS: Construction of the Ezenzeleni 3ML reservoir and appurtenant works	Phumelela LM / Thabo – Mofutsanyana	Functional	None
Phumelela BWS: Construction of the Ezenzeleni raw water pump station and pipelines	Phumelela LM / Thabo – Mofutsanyana	Non-functional	The pump station was vandalized and some equipment at the pump station were stolen. Currently under Construction funded under RBIG 5B COVID19 project to render it operational.
Phumelela BWS: Construction of the Ezenzeleni Water Treatment Works and construction of the civil structure and associated works	Phumelela LM / Thabo – Mofutsanyana	Non-functional	The water treatment works depended on raw water pumped from the vandalized pump station within the same scheme, making it non-functional. However, currently under construction to render it operational funded under RBIG 5B. COVID19 project.

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
The Upgrading of the 1,5km clear water raising main line from the WTP to Marquard Reservoir	Setsotho LM / Thabo – Mofutsanyana	Functional	None
Setsotho BWS Phase 1: Sand River Abstraction, Borehole refurbishment, Construction of the pipeline from Caledon to Meulspuit – Clocolan and Marquard	Setsotho LM / Thabo – Mofutsanyana	Functional	None
Setsotho BWS Phase 2: Construction 630mm raw water pipeline from Meulspuit to Ficksburg Water Treatment Water	Setsotho LM / Thabo – Mofutsanyana	Functional	None
Abstraction of raw water from the Caledon Riverbed			
Ngwathe Bulk Sewer (Vredefort)	Ngwathe LM – Fezile Dabi DM	Non-functional	The plant is not functional due to lack of operation and maintenance.
Moghaka Bulk Sewer	Moghaka LM – Fezile Dabi DM	Not functional	The plant is not functional due to lack of operation and maintenance. Currently the DWS, Provincial office and Municipality are implementing a project to refurbish the plant.
Ngwathe Bulk Water Supply – Construction of concrete reservoir at Edenville	Ngwathe LM – Fezile Dabi DM	Functional	None
Ngwathe Bulk Water Supply – Construction of pump house and equipping of boreholes in Edenville	Ngwathe LM – Fezile Dabi DM	Partly functional	Not all boreholes are operational due to vandalism
Mafube Bulk Sewer Phase 1 of 2 - Construction of Namahadi Pump Station	Mafube LM – Fezile Dabi DM	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Construction of Geelhout (Britz) Pump Station			
Refurbishment of Seagull Street Pump Station and Associated Works			
Moghaka Bulk Water Supply - To construct a 9.5 km pipeline with a booster pump station	Moghaka LM in the Fezile Dabi DM	Functional	None
Bulk water pipeline to hospital	Mantsopa LM	Functional	None
Tweespruit Bulk water Supply - Supply and Equipping of 6 Boreholes	Mantsopa LM	Functional	None
Tweespruit Bulk water Supply - Supply and Equipping of Two Boreholes within 10km Radius 10km Radius Phase 2A (Exploration)	Mantsopa LM	Functional	None
Tweespruit Bulk water Supply - Supply and Equipping of Two Boreholes within 10km Radius - Phase 2B	Mantsopa LM	Functional	None
Equipping Of Boreholes and Upgrading Of Pump Station in Excelsior	Mantsopa LM	Functional	None
Excelsior: Design and Construction Monitoring Water Tower, Raw Bulk Pipeline and Pumpstation- Phase 2	Mantsopa LM	Functional	None
Masilonyana Bulk water Supply Phase 1 of 2	Lejweleputswa DM/ Masilonyana LM	Functional	The project is functional but being a raw water pipeline, some repairs has been highly necessary to undertake through a WC/WDM project, considering water leakages in the line

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
			and mechanical / electrical issues in the high lift pump stations associated to this pipeline
Tokologo Bulk Water Supply Phase 1 of 3	Lejweleputswa DM/Tokologo LM	Functional	The project is functional, but Municipality is facing operational issues with lack of spares in the installed raw water pumps in the abstraction point.
Tswelopele Bulk water Supply Phase 1 of 2	Lejweleputswa DM/Tswelopele LM	Functional	None
Wesselsbron / Monyakeng Bulk Sewer	Lejweleputswa DM/Nala LM	Non-functional	The plant is not functional due to lack of operation and maintenance.
Jagersfontein /Fauresmith BWS Phase 1	Xhariep DM/Kopanong LM	Functional	The project is complete and functional connected to phase 2 which is at practical completion stage
WESTERN CAPE			
Worcester Bulk Water	Breede Valley	Functional	None
Grabouw Wastewater Treatment Works	Theewaterskloof	Functional	None
Paarl Bulk Sewer	Drakenstein	Functional	None
Drakenstein Wastewater Treatment Works	Drakenstein	Functional	None
Swellendam Wastewater Treatment Works	Swellendam	Functional	None
Citrusdal Wastewater Treatment Works	Cederberg	Functional	None
George Bulk Water	George	Functional	None
Stellenbosch Wastewater Treatment Works	Stellenbosch	Functional	There is a challenge on the inlet works but municipality is sorting matter.
Lamberts Bay	Cederberg	Non-functional	There is a need to complete the installation of the sea outfall. The

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Tulbush BWS	Witzenberg	Functional	contractor has been appointed and the anticipated completion date is end of February 2022 There is a need to complete the construction of the dam and tributaries. The contractor has been appointed and the anticipated completion date is end of June 2024
LIMPOPO			
Mogalakwena Phase 1	Waterberg	Non-functional	The challenge is with the water abstraction point that has not been developed as yet
Polokwane BWS	Capricorn	Functional	None
NORTH WEST			
Koster Wastewater Treatment Works	Kgetleng river	Functional	None
Tlokwe phase 1	Tlokwe	Functional	None
Pilanesburg phase 1	Moses Kotane /Rustenburg	Functional	None
Pilanesburg phase 2	Moses Kotane /Rustenburg	Functional	None
Madibeng /Britsphase 1	Madibeng	Functional	None
Maquassi hills WWTW/BWS	Maquassi	Functional	None
Moretele south phase 1	Moretele	Functional	None
Greater Mamusa phase 1	Mamusa	Functional	None
Taung Naledi phase 1 Podumong	Dr Ruth Mompati	Functional	None
NORTHERN CAPE			
Colesburg Wastewater Treatment Worksulk	Umsobomvu / Pixley ka Seme	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Hopetown Water Treatment Works	Thembelihle / Pixley ka Seme	Functional	None
Niekershoop Bulk Water Supply	Siyathemba / Pixley ka Seme	Functional	None
Kathu Wastewater Treatment Works	Gamagara / John Toalo Geatsewe	Functional	Functional, but need to be upgraded again
Colesburg Water Treatment Works	Umsobomvu / Pixley ka Seme	Functional	None
Vanderkloof Wastewater Treatment Works	Renosterberg / Pixley ka Seme	Functional	None
Norvalspont Bulk Water Supply	Umsobomvu / Pixley ka Seme	Functional	None
Noupoort Bulk Water Supply	Umsobomvu / Pixley ka Seme	Functional	None
Britstown Oxidation Ponds	Emthanjeni / Pixley ka Seme	Functional	None
Van Wyksvlei Bulk Water Supply Phase 1	Kareeberg / Pixley ka Seme	Functional	None
Marydale Bulk Water Supply	Siyathemba / Pixley ka Seme	Functional	None
Strydenburg Bulk Water Supply	Thembelihle / Pixley ka Seme	Functional	None
Kalahari East Pipeline phase 1	Dawid Kruiper / Pixley ka Seme	Functional	None
Homevale Wastewater Treatment Works	Sol Plaatje / Frances Baard	Non-Functional	The plant is currently not fully functional due to poor Operation & Maintenance, theft, and vandalism
Richie Bulk Water Supply	Sol Plaatje / Frances Baard	Functional	None
Loeriesfontein Bulk Water Supply	Hantam / Namakwa	Functional	None
Brandvlei Bulk Water Supply	Hantam / Namakwa	Functional	None

Name of the project	Name of the WSA/district municipality	Status of the project	Reasons/comments on non-functional projects
Williston Bulk Water Supply	Karoo Hoogland / Namakwa	Functional	None

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