



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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MINISTER OF WATER AND SANITATION

NATIONAL COUNCIL OF PROVINCES: QUESTION 311 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mr X Ngwezi (KwaZulu-Natal: IFP) attached for your consideration.

DRAFT REPLY: RECOMMENDED/ NOT RECOMMENDED/ AMENDED

MS DEBORAH MOCHOTLHI
ACTING DIRECTOR-GENERAL
DATE: 23-08-2021

DRAFT REPLY: APPROVED/ NOT APPROVED/ AMENDED

MR SENZO MCHUNU, MP
MINISTER OF WATER AND SANITATION
DATE: 06/09/2021

NATIONAL COUNCIL OF PROVINCES

FOR WRITTEN REPLY

QUESTION NO 311

DATE OF PUBLICATION: 04 JUNE 2021

(INTERNAL QUESTION PAPER NO. 20)

311. Mr. X Ngwezi (KwaZulu-Natal: IFP) to ask the Minister of Human Settlements, Water and Sanitation:

What plans are in place to (a) curb the deepening water crisis in the country and (b) provide water to the poor people in the remote and underdeveloped areas of KwaZulu-Natal (details furnished)?

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MINISTER OF HUMAN SETTLEMENTS, WATER AND SANITATION

- (a) The Department of Water and Sanitation (DWS) has detailed plans and strategies to anticipate any pressure points of water shortages or crises in all areas of the country. These plans and strategies are developed and monitored with all stakeholders over 25-year time horizons, to ensure water security for the country. Such studies include the following:
- (i) Water Availability Assessment Studies (WAAS), which generate base input information for planning,
 - (ii) Long term water resource reconciliation planning studies for large and small demand centres, and
 - (iii) Catchment-based studies. The strategies are continuously monitored and updated every 3 to 5 years to ensure that they remain current and relevant.

The outputs of the studies inform the National Water Resource Strategy (NWRS), the instrument by which the minister gives effect to the National Water Act, as well as the Master Plans that emanate from the NWRS.

A flagship plan for water security for the country is the National Water and Sanitation Master Plan, which was adopted in 2019. This Master Plan guides activities across the water sector at all levels, including in the provincial and local government spheres. The plans are available on the DWS website, at <http://www6.dwa.gov.za/iwrp/projects.aspx>, and the National Water and Sanitation Master Plan (NW&SMP) is available at <http://www.dwa.gov.za>.

- (b) In February 2020, the KwaZulu Natal (KZN) Provincial Government resolved to embark on a provincially coordinated approach to address the water services challenges in the Province; through development of the Provincial Water Master Plan for the Province of KZN (PWMP-KZN).

The PWMP-KZN coordinates and supports the provision of water to all consumers in the province and aims to ensure that domestic consumers have access to water for their basic

needs. Furthermore, the PWMP-KZN aims to heed the call for action of the National Water and Sanitation Master Plan (NW&SMP).

This PWMP-KZN provides details of each District Municipality (DM), Local Municipality (LM), Water Services Authority (WSA), and Water Services Provider (WSP) and has two key objectives, namely:

1. To collect, collate and present data on water infrastructure in a way that makes the data accessible and meaningful information for the public.
2. To provide integrated data for management information and decision making in respect of:
 - a) *The current water infrastructure status of each District per ward;*
 - b) *Short-term interventions and action plans for each ward to ensure that the demand for water is met*
 - c) *Medium and long-term interventions to ensure sustainable access to water*
 - d) *The resource requirements of the interventions, specifically financial and human resources*

Furthermore, the DWS provides financial support to municipalities through the Water Services Infrastructure Grant (WSIG) and Regional Bulk Infrastructure Grant (RBIG) to enable the municipalities to deliver water and sanitation services. Details of grant funding and specific projects in KZN are provided in Annexures A and B below.

In collaboration with the DWS provincial office, Water Service Authorities identify and prioritise areas within their jurisdictions which have water challenges, plan and roll out water and sanitation projects. Funds allocated to KwaZulu-Natal municipalities for the Medium-Term Expenditure Framework are as follows:

Name of municipality	Grant	2021/22 FY allocation R'000	2022/23 FY allocation R'000	2023/24 FY allocation R'000	Total R'000
Ugu DM	WSIG	72,350	60,000	70,000	202,350
Msunduzi LM	WSIG	40,000	60,000	55,890	155,890
uMgungundlovu DM	WSIG	85,000	70,560	75,650	231,210
uThukela DM	WSIG	80,000	80,800	90,800	251,600
uMzinyathi DM	WSIG	89,000	83,600	88,901	261,501
Newcastle LM	WSIG	40,000	35,000	40,000	115,000
Amajuba DM	WSIG	60,000	80,120	95,120	235,240
Zululand DM	WSIG	110,000	120,000	135,880	365,880
uMkhanyakude DM	WSIG	75,000	79,320	74,320	228,640
uMhlathuze LM	WSIG	30,000	35,000	35,000	100,000
King Cetshwayo DM	WSIG	70,000	60,000	75,000	205,000
iLembe DM	WSIG	55,000	80,000	80,000	215,000
Harry Gwala DM	WSIG	90,700	95,000	100,000	285,700
Harry Gwala DM	RBIG	0	20,000	20,000	40,000
King Cetshwayo DM	RBIG	10,000	60,000	90,000	160,000
uThukela DM	RBIG	6,090	0	0	6,090
Zululand DM	RBIG	222,531	140,000	215,312	577,843
Total		1,135,671	1,159,400	1,341,873	3,636,944

ANNEXURE A:

Regional Bulk Infrastructure Grant (RBIG) funded projects in KZN

Name of Project	Status	Completion Date
Nongoma BWS	Under construction	June 2022
Greytown BWS	Under construction	June 2022
Driefontein BWS	Under construction	June 2022
Ngcebo BWS	Under construction	June 2023
Greater Bulwer BWS	Under construction	June 2023
Maphumulo BWS	Under construction	June 2024
Mandlakazi Phase 5 BWS	Under construction	June 2024
Middledrift BWS	Under construction	April 2025
Greater Mthonjaneni BWS	Under construction	June 2025
Greater Mpofana BWS	Under construction	Nov 2026
uMshwathi BWS Phase 4	Planning & Design	Dec 2026

ANNEXURE B

Water Services Infrastructure Grant (WSIG) funded projects in KZN per District Municipality

Name of project	Estimated project cost (R)	Project stage	2020/2021 Allocation (R)	Funds transferred to date (R)	Expenditure as at 30 June 2021 (R)	% Spent on Transferred
Amajuba District Municipality – WSIG Projects 2020/21						
Eastborne and Skobhareni water supply improvements	76,359,438	Construction	7,540,000		4,411,063	
Construction of Braakfontain reservoir	71,659,696	Construction	20,000,000		16,769,404	
Refurbishment of Durnacol Water Treatment Works	18,000,000	Complete	0		0	
Emergency water supply to Ramaphosa,skobhareni and 2 megalitre reservoir at Hilltop - Emadlangeni LM	179,849,330	Construction	16,000,000		12,954,278	
Refurbishment of Utrecht Water Treatment Works	49,927,523	Planning	4,460,000	50,000,000	2,094,849	90%
Ground Water Project (Planning)	7,136,892	Construction	0		2,956,880	
Amajuba District Municipality Covid-19 Intervention Project	36,705,465	Planning	0		2,913,909	
Water Conservation Water Demand Management Program	39,797,223	Planning	2,000,000		2,899,104	
Totals	479,435,567		50,000,000	50,000,000	44,999,487	90%
Harry Gwala District Municipality – WSIG Projects 2020/21						
Capital Infrastructure Refurbishment/Updgrade in Greater Kokstad	22,657,826	Completed			1,528,168	
Nokweja-Mashumi Water Supply scheme Phase 3	24,581,204	Construction	60,000,000	60,000,000	1,963,046	100%
Mariathal, Mandilini and Esperance Water Supply Project Phase 4	14,086,764	Construction			4,070,706	
Capital Infrastructure Refurbishment/Upgrade in Umzimkhulu LM	24,799,410	Construction			21,143,393	

Name of project	Estimated project cost (R)	Project stage	2020/2021 Allocation (R)	Funds transferred to date (R)	Expenditure as at 30 June 2021 (R)	% Spent on Transferred
Capital Infrastructure Refurbishment/Upgrade in Dr. Nkosazana Dlamini Zuma LM	15,836,850	Completed			311,329	
Capital Infrastructure Refurbishment/Upgrade of Jolivet Water Supply Scheme	6,973,184	Completed			951,337	
Mhlabashana Capital Infrastructure Water Supply Scheme	34,515,606	Construction			7,855,179	
Water Supply to Masimini Mbuzweni Villages Intervention Schemes	51,812,681	Construction			5,418,405	
Marriaskop Water Supply Intervention Schemes	27,932,317	Construction			3,150,045	
Refurbishment/ Augmentation of NDZ water supply schemes	29,398,304	Construction			7,427,499	
Refurbishment/ Augmentation of Ebhayi/ Gudlucingo water supply	24,557,178	Construction			4,470,162	
Refurbishment/ Augmentation of Springvale water supply	7,540,000	Construction			1,715,717	
Universal Rural Sanitation coverage in Nkosazana Dlamini and Kokstad Municipality	28,146,800	Construction			0	
Totals	203,336,070		60,000,000	60,000,000	60,000,000	100%
Ilembe District Municipality – WSIG Projects 2020/21						
Old Water Mains Replacement: Ndwedwe South and North and KwaDukuza	61,500,000	Construction	35,688,117		36,474,531	
Ndwedwe Reticulation Refurbishment System; Esidumbini; Glendale, Nkwambase, Mantobelo, Matholamnyama, Luthuli Scheme, Siminya, Chibini Scheme)	100,500,000	Construction	11,847,107	65,000,000	2,063,982	100%
Water Conservation and Demand Management	53,353,208	Construction	17,464,777		26,461,486	
Totals	215,353,208		65,000,000	65,000,000	65,000,000	100%
King Cetshwayo DM – WSIG Projects 2020/21						

Name of project	Estimated project cost (R)	Project stage	2020/2021 Allocation (R)	Funds transferred to date (R)	Expenditure as at 30 June 2021 (R)	% Spent on Transferred
Rudimentary Projects (Tanker Reduction Strategy Projects): Phase 2	26,259,058	Tender	26,000,000		0	
Gingindlovu Raw Water System	21,382,507	Construction	8,932,990		253,161	
(Revenue Enhancement) WC/WDM Strategy Implementation	161,663,606	Construction	9,000,000		24,994,480	
Nkandla Weir	5,000,000	Construction	4,000,000		3,990,512	
Refurbishment of Melmoth Water Treatment Plant	8,701,587	Construction	2,067,010	60,000,000	1,378,419	77%
Refurbishment of Eshowe Water Treatment Works	13,166,322	Tender	10,000,000		1,884,751	
Interim Emergency Water Services Through Purchase of Water Tankers – COVID-19	13,863,825	Construction	13,863,825		13,863,825	
Installation of Tank Stands and Installation of Static Tanks - CoVID-19	1,136,175	Tender	1,136,175		0	
Totals	251,173,081		75,000,000	60,000,000	46,365,148	77%
UMsunduzi LM – WSIG Projects 2020/21						
Basic Water Supply (res 10a, pumpstation and associated works)	69,820,414	Construction			33,963,074	
Extension to Water Reticulation in Mvelweni and Baleni, Ward 3- Vulindlela	8,864,872	Construction			4,235,010	
Upgrading of Reservoir 12 Bulk Pipeline and Upgrade of Existing Infrastructure Within Ward 6	16,220,204	Construction	44,556,000	44,556,000	6,042,067	100%
Installation of Concrete Bases for Jojo Tanks Under COVID-19	564,000	Complete			564,000	
Totals	95,469,489		44,556,000	44,556,000	44,556,000	100%
Newcastle LM – WSIG Projects 2020/21						
Reduction of Non-Revenue Water	150,025,700	Construction	28,871,491	35,000,000	12,859,619	73%
Newcastle East Extension of Mains	81,868,238	Construction	6,128,509		12,621,687	
Totals	231,893,938		35,000,000	35,000,000	25,481,306	73%
UMhlatuze LM WSIG Projects 2020/21						
Richards Bay Pipe Replacement	162,892,725	Construction	25,000,000	25,000,000	25,000,000	100%
Reduction of Non-Revenue Water	43,790,434	Construction				
Totals	206,683,160		25,000,000	25,000,000	25,000,000	100%

Name of project	Estimated project cost (R)	Project stage	2020/2021 Allocation (R)	Funds transferred to date (R)	Expenditure as at 30 June 2021 (R)	% Spent on Transferred
Ugu DM WISIG Projects 2020/21						
SCADA and Telemetry master plan implementation in the Ugu district area of jurisdiction.	50,000,000	Construction	50,000,000	50,000,000	50,000,000	100%
Totals	50,000,000		50,000,000	50,000,000	50,000,000	100%
UMgungundlovu DM WISIG Projects 2020/21						
uMshwathi Link and Distribution	241,252,730	Construction	80,000,000	80,000,000	80,000,000	100%
Totals	241,252,730	Construction	80,000,000	80,000,000	80,000,000	100%
Umkhanyakude DM WISIG Projects 2020/21						
Mseleni Water Supply Phase 1	27,164,121	Construction			831,552	
Refurbishment and Upgrade of Rudimentary Water and Sanitation within uMhlabuyalingana LM as part of a Tanker Reduction Strategy		Construction			3,093,931	
Refurbishment and Upgrade of Rudimentary Water and Sanitation within Mtubatuba LM as part of a Tanker Reduction Strategy	61,288,246	Construction	84,400,000	67,770,000	8,248,327	48%
Refurbishment and Upgrade of Rudimentary Water and Sanitation within Jozini LM as part of a Tanker Reduction Strategy	62,864,935	Construction			2,776,485	
Refurbishment and Upgrade of Rudimentary Water and Sanitation within Big 5 Hlabisa LM as part of a Tanker Reduction Strategy	51,608,466	Construction			17,548,861	
Totals	59,184,317		84,400,000	67,770,000	64,998,213	48%
uMzinyathi DM WISIG Projects 2020/21						
Makhabeleni Water Project	34,960,801	Complete			1,078,875	
Biggarsberg Water Treatment Works	8,720,186	Tender		78,235,000	4,183,138	
Tayside Water Upstruction pipeline	55,000,000	Construction			21,787,106	
Lilani Water Supply Scheme	28,000,000	Complete			579,025	
KwaKopi Water Supply Scheme Phase 3	55,632,847	Construction	78,235,000		25,371,566	100%
KwaKopi Water Supply Scheme Phase 2	55,632,847	Construction			5,321,404	
Nkobongweni Water Supply Scheme	27,467,749	Construction			3,566,579	

Name of project	Estimated project cost (R)	Project stage	2020/2021 Allocation (R)	Funds transferred to date (R)	Expenditure as at 30 June 2021 (R)	% Spent on Transferred
Gunjana Water Supply Scheme	20,000,000	Construction			16,347,309	
Totals	272,453,629		78,235,000	78,235,000	78,235,000	100%
uThukela DM WSIG Projects 2020/21						
Wembezi WCDM Phase 1	97,560,566	Construction	21,200,000		23,048,952	
Escourt Industrial Pipeline Upgrade	31,321,375	Construction	6,600,000		7,428,144	
Reticulation to Ennersdale, Epangweni and Bhekuzulu: Phases 1 to 4	97,111,155	Construction	24,600,000		34,247,217	
Spring Protection Districtwide	179,610,473	Construction	21,000,000	90,000,000	17,262,556	100%
Bhekuzulu-Epangweni Reticulation to Wards 1-6 Inkosi Langalibalele Municipality	55,287,481	Tender	14,200,000		2,727,042	
Ezakheni water supply system: WCDM	25,648,123	Planning	0		3,018,657	
Ladysmith Network Pipeline Replacement	19,409,078	Planning	0		2,946,975	
Totals	511,970,199		90,000,000	90,000,000	90,000,000	100%
Zululand DM WSIG Projects 2020/21						
Bhobozani Water Supply Scheme	12,036,000	Completed	0		2,493,697	
Nkonjeni Water Demand Management	4,064,941	Construction	3,175,702		7,518,902	
KwaNkulu Phase 2	21,841,923	Completed	2,080,619		808,868	
Ceza Stand Alone Water Supply Phase 2	176,733,629	Construction	29,579,135		17,984,950	
Ulundu Steel Pipeline Replacement	40,110,240	Construction	21,542,675		23,301,062	
Emondlo Bulk Water Supply: Refurbishment & Additions	55,815,700	Construction	25,503,276	101,748,751	33,006,750	100%
Mhlangeni Water Scheme	22,485,000	Design	0		0	
Gluckstadt Water Supply Scheme	10,700,000	Design	3,500,000		3,044,172	
COVID-19 Intervention Programme	15,000,000	Construction	0		12,897,262	
Sanitation	13,300,000	Completed	4,128,949		693,086	
Totals	372,087,433		101,748,751	101,748,751	101,748,751	100%

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