



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

Enquiries: R Mathye
Telephone: 072 263 0745
Reference: 6/2/2/6

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 3499

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 27 OCTOBER 2023 **(INTERNAL QUESTION PAPER NO. 38)**

3499. Ms S A Buthelezi (IFP) to ask the Minister of Water and Sanitation:

Whether his department receive reports that records (a) the amount of water used in each municipality, (b) the breakdown of costs of hired water tankers in each province and (c) what actionable interventions have been adopted to provide potable water to all municipalities; if not, why not; if so, what are the relevant details?

NW4638E

---00000---

MINISTER OF WATER AND SANITATION

- a) The Department receives reports in the form of the International Water Association (IWA) Water balance from Water Services Authorities as prescribed in Regulation 509 of Water Services Act (act No. 108 of 1997). However not all the Water Services Authorities are able to report their records of water use. The information on municipalities that has been submitted to the DWS is attached hereto as Annexure A.
- b) Details relating to the cost of hired tankers can be sourced from municipalities and the Department of Cooperative Governance and Traditional Affairs.
- c) The Department of Water and Sanitation (DWS) is implementing bulk water and sanitation projects to address major backlogs across all provinces. Currently the DWS is implementing over 90 projects funded through the Regional Bulk Infrastructure Grant (RBIG) and over 250 projects under the Water Services Infrastructure Grant (WSIG) across the country. The following major water and sanitation projects have been implemented in the past four years through these grants:

	Name of the Project	Households benefiting	Completion date
Eastern Cape:			
1	Nooitgedagt Coega Low Level Supply Scheme (NCLLS) phase three: Increasing the capacity of the WTW's with 70MI/day to 210MI/day)	246 000	June 2023
2	Lower Sundays River GWS: The works are inclusive of earthworks, canal realignment, servitude rehabilitation, etc.	86 000	September 2025
3	Greater Mbizana Regional Bulk Water Scheme (GMRBWS) & Repair of Ludeke Dam Upgrade Nomlacu Water Treatment Plant from 10 Ml/day to 20 Ml/day.	45 641	June 2024
4	Nqamakhwe Regional Bulk Water Scheme: To provide bulk water infrastructure to supply approx.120 rural villages with domestic water.	19 882	April 2024
5	Ndlambe BWS : The construction and commissioning of the 5 Ml/day Port Alfred RO-plant and 16 Ml reservoir, including the brine sea outfall pipeline, the construction of 2Ml reservoirs in Cannon Rocks	33 139	December 2024
Free State			
6	Maluti –A- Phofung Water and Sanitation Intervention Projects: Refurbishment and Upgrading of a number of WTWs, a rising main, bulk water supply & drilling of boreholes, as well as improving water revenue and reducing non-revenue water.	21 244	April 2027
7	Matjhabeng Water and Sanitation Intervention Projects: Unblocking of Sewer Networks , refurbishments of various WWTW, construction of outfall sewer line.	8 786	April 2027
Gauteng			
8	Vaal River Systems Interventions: Various WWTW and pump station upgrades and refurbishments, rising mains, gravity mains, critical collapsed pipes replacement, etc.	165 345	June 2027
KwaZulu-Natal			
9	Acceleration Of Mandlakazi Bulk Water Scheme: Pipeline includes abstraction of raw water from Jozini Dam, laying of 28km bulk line, pumpstation and upgrading of Mandlakazi WTW, Mkhuze WTW and others.	98 432	June 2026
10	uMkhanyakude DM: Scope includes bulk-pipelines, upgrade of WTW, extending the services from RDP to yard connections.	33 543	June 2024
Limpopo			
11	Nandoni To Nsami Regional Bulk Water Scheme: Provision of bulk pipelines and upgrading of Nandoni WTW from 60MI/day to 120MI/day.	321 000	November 2023
12	Giyani WTW Refurbishment (Phase 1)		April 2024
13	Giyani - Reticulation of 24 Villages (Phase 1)		August 2026
14	Olifantspoort /Ebenezer Water Supply Scheme		

	Name of the Project	Households benefiting	Completion date
1 4	Olifants River Water Resources Development Project Phase 2 (ORWRDP-2) To develop the infrastructure required in the Middle Olifants River (in the areas of Sekhukhune and Mogalakwena Districts of Limpopo) to meet the water demands in the area.	86 000	June 2030
Mpumalanga			
1 5	Loskop Regional Bulk Water Supply: Construction of Bulk water pipeline, reservoirs, pumpstations and secondary mains	145 000	September 2025
North West			
1 6	Pilanesburg bulk water supply	13 087	June 2025
Northern Cape			
1 7	Kimberley bulk water supply: Phase 1 - Emergency Interventions Phase 2 - Emergency Intervention Medium term interventions Scope entails: WCDM, installation of zonal bulk meters, replacement of old AC pipelines, upgrading of WTW's, upgrading of pumpstations, construction of additional storage.	78 000	March 2027
Western Cape			
1 8	Drakenstein Bulk Water Supply	16 453	March 2027
1 9	George Bulk Water Supply	17000	June 2028

---0000---

DRAFT REPLY: RECOMMENDED/ ~~NOT RECOMMENDED~~/ ~~AMENDED~~

SPhillips

**DR SEAN PHILLIPS
DIRECTOR-GENERAL
DATE: 8 12 2023**

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

S Mchunu

**MR SENZO MCHUNU, MP
MINISTER OF WATER AND SANITATION
DATE: 12/12/23**

2023 No Drop Audit: List of WSA that submitted Water Balance data (2021/22)

Province	WSA	Input volume (m3/annum)	RW (m3/annum)	NRW (m3/annum)	%NRW	Water losses (m3/a)	% Water Losses	litres / capita / day	ILI
Eastern Cape	Alfred Nzo	21,888,455	9,774,548	12,113,907	55.3%	12,113,907	55.3%	184	5.3
	Buffalo City	60,157,505	38,339,067	21,818,438	36.3	16,338,374	27.2	212	3.7
	Chris Hani	38,415,190	16,178,416	22,236,774	57.9%	22,236,774	57.9%	173	5.7
	Dr Beyers Naude	5,020,060	2,404,695	2,615,365	52.1%	2,034,369	40.5%	182	6.0
	Kouga	6,494,969	3,255,917	3,239,052	49.9%	3,239,052	49.9%	175	3.9
	Kou-Kamma	1,572,087	907,773	664,314	42.3%	664,314	42.3%	111	2.5
	Nelson Mandela Bay	103,376,400	56,494,121	46,882,279	45.4	42,553,690	41.2	232	7.4
	Ndlambe	2,852,684	1,707,677	1,145,007	40.1%	1,145,007	40.1%	141	2.4
	O.R.Tambo	38,469,874	22,101,644	16,368,230	42.5%	16,368,230	42.5%	231	5.3
Northern Cape	Dawid Kruiper LM	16,222,197	7,817,591	8,404,605	51.8%	7,517,401	46.3%	402	14.4
	Emthanjeni LM	3,430,662	2,617,162	813,500	23.7%	813,500	23.7%	197	8.4
	Gamagara LM	4,511,523	2,180,899	2,330,625	51.7%	2,330,625	51.7%	220	6.0
	Ga-Segonyana LM	5,884,275	1,591,320	4,292,955	73.0%	4,292,955	73.0%	190	6.9
	Hantam LM	641,320	508,160	133,160	20.8%	133,160	20.8%	78	1.4
	Joe Morolong LM	3,423,600	486,684	2,936,916	85.8%	1,496,916	43.7%	133	2.6
	Khai-Ma LM	860,463	493,810	366,654	42.6%	366,654	42.6%	183	4.0
	Nama Khoi LM	2,944,764	1,412,892	1,531,872	52.0%	1,465,380	49.8%	166	10.6
	Sol Plaatjie LM	39,960,665	14,295,555	25,665,110	64.2%	25,665,110	64.2%	416	22.1
KwaZulu Natal	Thembeilhle LM	1,724,772	545,579	1,179,193	68.4%	1,179,193	68.4%	281	9.0
	Amajuba DM	5,714,380	1,863,812	3,850,568	67.4%	3,748,653	65.6%	121	13.7
	uMhlatuze LM	48,364,623	33,297,690	15,066,933	31.2%	12,179,659	25.2%	274	29.5
	eThekweni Metro	401,226,453	175,731,442	225,495,011	56.2%	221,176,266	55.1%	275	15.4
	Harry Gwala DM	3,217,891	2,234,498	983,393	30.6%	983,393	30.6%	26	1.4
	iLembe DM	33,454,475	15,065,251	18,389,224	55.0%	14,849,417	44.4%	203	6.0
	King Cetshwayo DM	18,653,598	9,126,595	9,527,003	51.1%	7,378,818	39.6%	124	2.0
	Msunduzi	82,243,935	46,725,692	35,518,243	43.2%	26,870,248	32.7%	311	5.2
	Newcastle	33,750,989	13,431,721	20,319,268	60.2%	13,047,302	38.7%	220	118.2
Ugu DM	42,012,126	26,850,472	15,161,654	36.1%	9,443,704	22.5%	224	3.8	

29		Umgungundlovu DM	28,124,629	12,505,510	15,619,119	55.5%	8,454,349	30.1%	214	4.5
30		Umkhanyakude DM	17,968,803	6,779,933	11,188,871	62.3%	11,188,871	62.3%	132	4.2
31		Umninyathi DM	14,093,946	6,332,513	7,761,433	55.1%	7,761,433	55.1%	97	4.0
32		Zululand DM	30,372,707	3,725,112	26,647,595	87.7%	3,518,923	11.6%	126	1.5
33	Limpopo	Bela-Bela LM	2,908,957	1,927,196	981,761	33.7%	709,311	24.4%	116	1.4
34		Polokwane	42,628,803	19,102,119	23,526,684	55.2%	23,334,117	54.7%	163	4.0
35	Gauteng	City of Ekurhuleni	360,244,788	231,407,600	128,837,188	35.8%	115,148,200	32.0%	235	8.5
36		City of Johannesburg	599,958,947	334,650,179	265,308,768	44.2%	179,234,730	29.9%	270	7.1
37		City of Tshwane	361,666,588	243,780,416	117,886,172	32.6%	114,696,732	31.7%	245	7.2
38		Ermfuleni	107,884,881	26,262,652	81,622,229	75.7%	68,726,885	63.7%	330	14.4
39		Lesedi	8,042,028	5,532,177	2,509,851	31.2%	2,359,978	29.3%	164	2.5
40		Merafong City	14,724,211	9,959,998	4,764,213	32.4%	2,820,213	19.2%	176	1.8
41		Midvaal	12,979,282	8,211,188	4,768,094	36.7%	4,768,094	36.7%	287	7.9
42		Mogale City	35,398,117	12,289,908	23,108,209	65.3%	11,504,402	32.5%	217	10.7
43	Free State	Kopanong	3,782,242	1,851,307	1,930,935	51.1%	1,930,935	51.1%	192	4.5
44		Letsemeng	3,502,162	2,033,958	1,468,203	41.9%	1,468,203	41.9%	223	4.6
45		Nala	5,117,756	1,696,969	3,420,787	66.8%	3,420,787	66.8%	166	6.2
46		Maluti-a-Phofung	25,268,818	8,203,625	17,065,193	67.5%	12,498,259	49.5%	200	4.9
47		Mangaung	78,592,299	42,464,260	36,128,039	46.0%	35,294,483	44.9%	254	5.2
48		Matjhabeng	40,013,797	18,835,239	21,178,558	52.9%	21,178,558	52.9%	239	6.2
49		Mohokare	2,594,238	1,701,000	893,238	34.4%	893,238	34.4%	183	3.2
50	North West	Dr Ruth Segomotsi Mompati DM	23,841,953	8,041,393	15,800,560	66.3%	15,800,560	66.3%	161	6.5
51		JB Marks	22,197,242	17,498,766	4,698,476	21.2%	4,698,476	21.2%	231	6.7
52		Kgetlengrivier	3,539,057	1,250,223	2,288,835	65.2%	2,345,233	65.2%	166	5.9
53		Rustenburg	41,616,932	24,267,843	17,349,089	41.7%	17,349,089	41.7%	165	1.9
54	Mpumalanga	City of Mbombela	50,729,467	23,311,465	27,418,002	54.0%	26,710,961	52.7%	247	18.0
55		Dr J S Moroka	23,948,339	13,505,252	10,443,087	43.6%	10,443,087	43.6%	285	6.6
56		Emakhazeni	2,968,635	1,241,535	1,727,101	58.2%	1,727,101	58.2%	167	2.8
57		Emalahleni	43,569,264	23,045,279	20,523,985	47.1%	17,209,282	39.5%	248	4.0
58		Govan Mbeki	33,424,231	22,325,407	11,098,824	33.2%	11,098,824	33.2%	237	4.1
59		Mkhondo	10,440,912	3,233,921	7,206,992	69.0%	7,206,992	69.0%	150	5.8
60		Nkomazi	16,048,845	5,813,325	10,235,520	63.8%	10,235,520	63.8%	119	4.1

61	Steve Tshwete	22,038,565	13,445,075	8,593,490	39.0%	7,892,288	35.8%	201	3.8
62	Thaba Chweu	6,628,625	2,862,873	3,765,752	56.8%	3,765,752	56.8%	175	3.7
63	Thembisile	18,980,000	9,110,000	9,870,000	52.0%	9,870,000	52.0%	143	4.1
64	Victor Khanye	7,146,518	2,192,860	4,953,658	69.3%	4,953,658	69.3%	230	7.5
65	Western Cape								
	Beaufort West	2,921,027	1,038,711	1,882,316	64.4%	1,876,474	64.2%	150	4.6
66	Bergrivier	2,364,966	2,007,507	357,459	15.1%	352,729	14.9%	301	2.9
67	Bitou	3,964,415	2,536,598	1,427,817	36.0%	965,375	24.4%	160	8.0
68	Breede Valley	14,083,642	10,835,590	3,248,052	23.1%	3,219,885	22.9%	218	2.5
69	Cederberg	2,729,767	2,039,909	689,858	25.3%	684,398	25.1%	136	1.7
70	City of Cape Town	290,188,993	195,156,975	95,032,018	32.7%	80,813,015	27.8%	158	3.7
71	Drakenstein	14,101,293	11,799,779	2,301,514	16.3%	2,217,741	15.7%	157	4.8
72	George	12,568,762	9,481,572	3,087,190	24.6%	3,062,053	24.4%	164	4.8
73	Hessequa	4,655,674	2,965,292	1,690,382	36.3%	1,681,071	36.1%	237	3.8
74	Kannaland	1,844,654	1,499,880	344,774	18.7%	341,085	18.5%	231	2.5
75	Knysna	3,805,816	2,981,150	824,666	21.7%	534,469	14.0%	122	0.7
76	Laingsburg	475,220	315,441	159,779	33.6%	158,829	33.4%	132	1.9
77	Langeberg	7,553,273	7,006,926	546,347	7.2%	531,240	7.0%	188	0.7
78	Matzikama	4,375,070	3,013,854	1,361,216	31.1%	1,054,794	24.1%	154	1.8
79	Mossel Bay	8,159,950	6,850,825	1,309,125	16.0%	1,292,805	15.8%	218	1.4
80	Oudtshoorn	5,552,069	4,473,174	1,078,895	19.4%	1,067,790	19.2%	147	1.7
81	Overstrand	7,354,597	5,586,420	1,768,177	24.0%	1,753,468	32.8%	195	1.6
82	Prince Albert	542,839	414,301	128,538	23.7%	127,103	23.4%	95	1.0
83	Saldanha Bay	10,535,267	9,604,608	930,659	8.8%	909,588	8.6%	229	0.8
84	Stellenbosch	10,003,874	8,188,560	1,815,314	18.1%	1,495,190	14.9%	142	0.9
85	Swartland	5,686,228	4,491,467	1,194,761	21.0%	1,183,389	20.8%	147	3.1
86	Swellendam	1,874,439	1,222,438	652,001	34.8%	465,500	24.8%	122	1.4
87	Theewaterskloof	5,189,892	2,886,693	2,303,199	44.4%	1,943,988	37.5%	114	2.0
88	Witzenberg	6,911,271	4,565,692	2,345,579	33.9%	941,240	13.6%	128	0.9