



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

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Reference: 6/2/2/6

NATIONAL COUNCIL OF PROVINCES

FOR WRITTEN REPLY

QUESTION NO 473

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 09 JUNE 2023
(INTERNAL QUESTION PAPER NO. 23)

473. Mr C F B Smit (Limpopo: DA) to ask the Minister of Water and Sanitation:

- (a) How many litres of water is lost in (i) each municipality and (ii) the 2022/23 financial year, (b) how much it costs each municipality for each litre, (c) what is the total revenue loss as a result of water losses in each case and (d) what percentage of the total water is lost in each case?

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MINISTER OF WATER AND SANITATION


- (a) The Department periodically monitors, and analyses data related to water losses from all Water Services Authorities (WSA).
- (i) Please refer to **Annexure 1** attached for the total water losses in each WSA. The latest available data is for the 2020/2021 financial year.
- (ii) The Municipal 2022/2023 Financial Year ends on 30 June 2023. The data is not yet available for analysis.
- (b) The cost of producing water in a municipality is set at an average of R12.41 per kilolitre, which works out to R 0.01241 per litre.
- (c) Revenue losses in each municipality and/or WSA are detailed in **Annexure 1** attached. Important to note that the estimated values in the annexure are calculated at a production cost with further consideration that not all water that is lost has a potential to be sold. This is however not a tariff. A tariff is associated with water use at customer level whereas the water in this case is lost at the municipal distribution systems, and not at a customer/user's level.
- (d) Total percentage of water loss in each municipality or WSA is summarised in **Annexure 1** attached.

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DRAFT REPLY: RECOMMENDED/ NOT RECOMMENDED/ AMENDED


DR SEAN PHILLIPS
DIRECTOR-GENERAL
DATE: 19/06/23

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DRAFT REPLY: APPROVED/ NOT APPROVED/ AMENDED


MR SENZO MCHUNU, MP
MINISTER OF WATER AND SANITATION
DATE: 22/06/23

ANNEXURE 1

Province	Name of WSA	Water losses (Kilo (litres/annum))	Water Losses (litres/annum)	Total Revenue lost (Rands)	Water loss percentage
Eastern Cape (14)	Nelson Mandela Bay	43 093 802	43 093 802 000	534 794 082,82	40,1%
	Buffalo City	16 338 374	16 338 374 000	202 759 221,34	27,2%
	Dr Beyers Naudé	2 034 369	2 034 369 000	25 246 519,29	40,5%
	Blue Crane Route	1 524 724	1 524 724 000	18 921 824,84	39,5%
	Makana	2 774 229	2 774 229 000	34 428 181,89	53,9%
	Ndlambe	1 145 007	1 145 007 000	14 209 536,87	40,1%
	Sunday's River Valley	1 517 276	1 517 276 000	18 829 395,16	51,5%
	Kouga	3 224 818	3 224 818 000	40 019 991,38	49,8%
	Kou-Kamma	656 387	656 387 000	8 145 762,67	42,0%
	Amathole DM	18 227 145	18 227 145 000	226 198 869,45	51,6%
	Chris Hani DM	21 937 277	21 937 277 000	272 241 607,57	57,6%
	Joe Gqabi DM	8 885 807	8 885 807 000	110 272 864,87	56,2%
	O.R.Tambo DM	16 120 925	16 120 925 000	200 060 679,25	42,2%
	Alfred Nzo DM	12 002 094	12 002 094 000	148 945 986,54	55,1%
Free State (19)	Mangaung	35 294 483	35 294 483 000	438 004 534,03	44,9%
	Letsemeng	1 463 100	1 463 100 000	18 157 071,00	41,8%
	Kopanong	1 903 468	1 903 468 000	23 622 037,88	50,7%
	Mohokare	869 628	869 628 000	10 792 083,48	33,8%
	Masilonyana	4 308 462	4 308 462 000	53 468 013,42	72,4%
	Tokologo	1 413 458	1 413 458 000	17 541 013,78	67,6%
	Tswelopele	2 504 121	2 504 121 000	31 076 141,61	70,0%
	Matjhabeng	20 975 264	20 975 264 000	260 303 026,24	52,7%
	Nala	3 382 910	3 382 910 000	41 981 913,10	66,6%
	Setsole	6 982 712	6 982 712 000	86 655 455,92	71,1%
	Dihlabeng	5 800 780	5 800 780 000	71 987 679,80	58,2%
	Nketoana	1 928 693	1 928 693 000	23 935 080,13	60,2%
	Maluti-a-Phofung	12 231 002	12 231 002 000	151 786 734,82	48,8%
	Phumelela	1 209 730	1 209 730 000	15 012 749,30	56,8%
Mantsopa	3 136 678	3 136 678 000	38 926 173,98	70,6%	
Moghaka	8 851 548	8 851 548 000	109 847 710,68	62,4%	
Ngwathe	5 836 773	5 836 773 000	72 434 352,93	67,6%	
Metimaholo	3 368 466	3 368 466 000	41 802 663,06	19,5%	

Province	Name of WSA	Water losses (Kilo)	Water Losses (litres/annum)	Total Revenue lost (Rands)	Water loss percentage
Mpumalanga (17)	Modimolle/Mookgophong	732 713	732 713 000	9 092 968,33	20,2%
	Sekukhune DM	28 088 645	28 088 645 000	348 580 084,45	64,7%
	Chief Albert Luthuli	2 687 916	2 687 915 700	33 357 033,84	50,0%
	Msakaligwa	6 297 822	6 297 821 990	78 155 970,90	58,0%
	Mkhondo	6 662 541	6 662 541 259	82 682 137,03	67,3%
	Pixley Ka Seme	2 194 582	2 194 581 606	27 234 757,72	60,2%
	Lekwa	5 424 403	5 424 402 536	67 316 835,47	67,2%
	Dipaleseng	1 559 892	1 559 892 236	19 358 262,65	63,2%
	Govan Mbeki	11 098 824	11 098 824 000	137 736 405,84	33,2%
	Victor Khanye	4 953 658	4 953 658 278	61 474 899,23	69,3%
	Emalahleni	17 209 282	17 209 282 000	213 567 189,62	39,5%
	Steve Tshwete	7 071 037	7 071 037 318	87 751 573,12	33,3%
	Emakhazeni	1 731 136	1 731 136 359	21 483 402,22	58,2%
	Thembisile	9 870 000	9 870 000 000	122 486 700,00	52,0%
	Dr J S Moroka	10 443 087	10 443 086 540	129 598 703,97	43,6%
	Thaba Chweu	3 717 265	3 717 264 570	46 131 253,31	56,5%
	Nkomazi	9 968 265	9 968 264 506	123 706 162,51	63,2%
Bushbuckridge	12 062 594	12 062 593 537	149 696 785,80	59,7%	
City of Mbombela	26 710 961	26 710 960 557	331 483 020,52	52,7%	
Northern Cape (26)	Richtersveld	522 461	522 460 821	6 483 738,78	57,7%
	Nama Khoi	1 465 380	1 465 380 000	18 185 365,80	49,8%
	Kamiesberg	233 764	233 763 937	2 901 010,46	50,9%
	Hantam	133 160	133 160 000	1 652 515,60	20,8%
	Karoo Hoogland	313 038	313 037 796	3 884 799,04	49,4%
	Khal-Ma	365 693	365 693 458	4 538 255,81	42,5%
	Uburu	384 662	384 661 717	4 773 651,91	46,3%
	Umsobomvu	1 057 955	1 057 955 432	13 129 226,91	50,9%
	Emthanjeni	813 500	813 500 000	10 095 535,00	23,7%
	Kareeberg	141 630	141 629 849	1 757 626,42	30,2%
	Renosierberg	344 723	344 722 608	4 278 007,57	45,6%
	Thembelihle	1 179 191	1 179 191 000	14 633 760,31	68,4%
	Siyathemba	853 278	853 278 000	10 589 179,98	31,2%

Province	Name of WSA	Water losses (kilo)	Water Losses (litres/annum)	Total Revenue lost (Rands)	Water loss percentage
North West (10)	Siyancuma	1 316 341	1 316 341 352	16 335 796,18	49,7%
	Kai I Garib	1 679 664	1 679 664 000	20 844 630,24	58,7%
	IKheis	434 624	434 623 580	5 393 678,63	43,4%
	Tsantsabane	1 930 392	1 930 391 900	23 956 163,48	65,0%
	Kgatlopele	388 036	388 038 000	4 815 526,76	72,6%
	Dawid Kruiper	7 888 725	7 888 725 000	97 899 077,25	46,7%
	Sol Plaatje	25 665 110	25 665 110 000	318 504 015,10	64,2%
	Dikgatlong	825 086	825 086 293	10 239 320,89	43,4%
	Magareng	1 118 894	1 118 894 459	13 885 480,24	30,3%
	Phokwane	1 812 592	1 812 592 000	22 494 266,72	40,3%
	Joe Morolong	1 496 916	1 496 916 000	18 576 727,56	43,7%
	Ga-Segonyana	4 292 955	4 292 955 000	53 275 571,55	73,0%
	Ganagara	2 330 625	2 330 624 571	28 923 050,93	51,7%
	Moretele	7 113 404	7 113 404 000	88 277 343,64	70,5%
	Madibeng	17 041 291	17 041 291 000	211 482 421,31	64,0%
	Rustenburg	17 349 089	17 349 088 640	215 302 190,02	41,7%
	Kgetlengrivier	2 288 835	2 288 834 785	28 404 439,68	64,7%
	Moses Kotane	3 839 555	3 839 554 800	47 648 875,07	27,6%
	Ngaka Modiri Molema DM	30 511 992	30 511 991 702	378 653 817,02	60,5%
	Dr Ruth Segomotsi Mompoti DM	15 446 488	15 446 488 476	191 690 921,99	65,8%
	City of Matlosana	15 809 478	15 809 478 000	196 195 621,98	45,1%
	Maquassi Hills	2 532 627	2 532 626 841	31 429 899,10	61,6%
	JB Marks	4 698 476	4 698 475 600	58 308 082,20	21,2%
	City of Cape Town	48 383 181	48 383 180 728	600 435 272,83	18,1%
	Matzikama	709 321	709 321 154	8 802 675,52	17,8%
Cederberg	983 543	983 542 670	12 205 764,53	37,3%	
Bergrivier	369 446	369 445 508	4 584 818,75	16,6%	
Saldanha Bay	1 068 750	1 068 749 928	13 263 186,61	12,1%	
Swartland	981 146	981 145 752	12 176 018,79	19,7%	
Witzenberg	865 510	865 509 978	10 740 978,83	12,0%	
Drakenstein	1 914 855	1 914 855 293	23 763 354,18	14,3%	
Stellenbosch	1 495 190	1 495 189 960	18 555 307,40	14,9%	
Western Cape (25)					

Province	Name of WSA	Water losses (Kilo)	Water Losses (litres/annum)	Total Revenue lost (Rands)	Water loss percentage
	Breede Valley	3 484 316	3 484 316 382	43 240 366,30	24,5%
	Langeberg	1 028 521	1 028 521 142	12 763 947,37	13,3%
	Theewatersdloof	1 929 687	1 929 687 322	23 947 419,66	38,4%
	Overstrand	2 277 471	2 277 471 194	28 263 417,52	31,0%
	Cape Agulhas	795 462	795 461 592	9 871 678,36	26,3%
	Swellendam	157 174	157 173 707	1 950 525,71	10,0%
	Kannaland	511 166	511 166 354	6 343 574,45	24,0%
	Hessequa	293 341	293 340 826	3 640 359,65	8,9%
	Mossel Bay	1 175 875	1 175 874 570	14 592 603,41	15,1%
	George	1 563 273	1 563 272 883	19 400 216,48	13,7%
	Oudtshoorn	702 223	702 222 882	8 714 585,97	14,3%
	Bitou	965 375	965 375 000	11 980 303,75	24,4%
	Knysna	1 769 269	1 769 269 026	21 956 628,61	42,9%
	Laingsburg	168 497	168 497 300	2 091 051,49	34,7%
	Prince Albert	115 926	115 925 936	1 438 640,87	21,8%
	Beaufort West	1 876 474	1 876 473 946	23 287 041,67	64,2%
Total (9)	144	1686357076	1,68636E+12	20 927 691 317,35	38,4%