



## **water & sanitation**

Department:  
Water and Sanitation  
**REPUBLIC OF SOUTH AFRICA**

Enquiries: L Lusenga  
Telephone: 082 658 9265  
Reference: 6/2/2/6

### **NATIONAL COUNCIL OF PROVINCES**

#### **FOR WRITTEN REPLY**

#### **QUESTION NO 239**

**DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 31 MARCH 2023**  
**(INTERNAL QUESTION PAPER NO. 9)**

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

In respect of each Water Board throughout the country,

- (a) How many litres of processed water are lost prior to reaching the consumers as a result of leakages, illegal water connections and theft; and
- (b) What is the revenue value of such water losses in each case?

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## MINISTER OF WATER AND SANITATION

The table below indicates Water Boards; processed water that is lost prior to reaching the consumers as a result of leakages, illegal water connections and theft:

Water Board	a) Volume of processed water lost given by Water Boards	a) Volume of processed water lost			Unit value of water			b) Revenue value of water losses
		m <sup>3</sup> /annum	litres/annum	Mega litres/annum	R/m <sup>3</sup>	R/litre	R/Megalitre	
Amatola Water	2 747 million cubic litres, 8.74 % of total volume of water from January 2022 to December 2022	2,747,000	2,747,000,000	2,747	3.69	0.004	3,691.30	R10,140,000
Bloem Water	9 389 934 kilolitres, which is 9% of total volume of water for the 2021/22 financial year	9,389,934	9,389,934,000	9,390	10.01	0.010	10,010.72	R94,000,000
Lepelle Northern Water (Figures given for 9 months converted to 12 months pro-rata)	8 169 385 kilolitres from July 2022 to March 2023	10,892,513	10,892,513,333	10,893	8.02	0.008	8,022.09	R87,380,732
Magalies Water (Figures given for 3 years, converted to annual pro-rata)	12 676 570 kilolitres, 4.4% of total volume of water for the past three financial years (2020/21 to 2022/23)	4,225,523	4,225,523,333	4,226	0.24	0.000	240.60	R1,016,667
Mhlatuze Water	955, 47 mega litres, 2.56% of total volume of water for the 2021/22 financial year	955,470	955,470,000	955	3.28	0.003	3,277.80	R3,131,836
Overberg Water	927 294 cubic metres of total volume of water for the 2021/22 financial year	927,294	927,294,000	927	3.94	0.004	3,940.00	R3,653,538

Water Board	a) Volume of processed water lost given by Water Boards	a) Volume of processed water lost			Unit value of water			b) Revenue value of water losses
		m <sup>3</sup> /annum	litres/annum	Mega litres/annum	R/m <sup>3</sup>	R/litre	R/Megalitre	
Rand Water	78 913 million litres, 4.7% of total volume of water for the 2021/22 financial year	78,913,000	78,913,000,000	78,913	11.13	0.011	11,127.47	R878,102,393
Umgeni Water	15 201 000 kilolitres, 2.7% of total volume of water for the 2021/22 financial year	15,201,000	15,201,000,000	15,201	0.50	0.001	502.29	R7,635,294

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DRAFT REPLY: RECOMMENDED / NOT RECOMMENDED / AMENDED

*Shunf*  
 DR SEAN PHILLIPS  
 DIRECTOR-GENERAL  
 DATE: 27/06/23

DRAFT REPLY: APPROVED / NOT APPROVED / AMENDED

*Sam*  
 MR SENZO MCHUNU, MP  
 MINISTER OF WATER AND SANITATION  
 DATE: 6/7/23

# Trial balance

Mhlatuze Water

Period 01/07/2021  
Primary dimension set CC+LED  
CC+LED 002-300956

30/06/2022

Date	Voucher	Description	Debit	Credit	Accumulated
01/07/2021		Nsezi Water Treatment plant-Water Losses			
2021/07/31	GL000163456	Opening balance			0.00
		DWS-COS-JULY 2021-LOSSESES & INTERNAL USE-WU	203,170.67	0.00	203,170.67
2021/07/31	GL000163457	DWS-COS-JULY 2021-LOSSESES & INTERNAL USE-WRL	10,105.23	0.00	213,275.90
2021/08/31	GL000162806	COS-DWS-AUG 2021 -WU-LOSSES AND INTERNAL USE	294,500.86	0.00	507,776.76
2021/08/31	GL000162807	COS-DWS-AUG 2021 -WRL-LOSSES AND INTERNAL USE	14,647.78	0.00	522,424.54
2021/09/30	GL000162806	COS-DWS-SEP 2021-WU-LOSSES AND INTERNAL USE	148,177.98	0.00	670,602.52
2021/09/30	GL000162807	COS-DWS-SEP 2021-WRL-LOSSES AND INTERNAL USE	7,370.02	0.00	677,972.54
2021/10/31	GL000164562	LOSSES & INTERNAL USE - DWS - COS - OCTOBER 2021 - WU	177,632.26	0.00	855,604.80
2021/10/31	GL000164563	LOSSES & INTERNAL USE - DWS - COS - OCTOBER 2021 - RESEARCH	8,835.01	0.00	864,439.81
2021/11/30	GL000164807	DWS-COS-NOVEMBER 21-WATER LOSSES-WU	170,318.76	0.00	1,034,758.57
2021/11/30	GL000164808	DWS-COS-NOVEMBER 21-WATER LOSSES-WRL	8,471.25	0.00	1,043,229.82
2021/12/31	GL000165017	DWS-COS-DECEMBER 21-LOSSES AND INTERNAL USE-WU	153,713.51	0.00	1,196,943.33
2021/12/31	GL000165018	DWS-COS-DECEMBER 21-LOSSES AND INTERNAL USE-WRL	7,645.35	0.00	1,204,588.68
2022/01/31	GL000165224	LOSSES & INTERNAL USE-DWS-COS-JANUARY 21-WU	207,143.37	0.00	1,411,732.05
2022/01/31	GL000165225	LOSSES & INTERNAL USE-DWS-COS-JANUARY 21-WRL	10,302.82	0.00	1,422,034.87
2022/02/28	GL000165224	LOSSES & INTERNAL USE-DWS-COS-FEB 22-WU	243,123.65	0.00	1,665,158.52
2022/02/28	GL000165225	LOSSES & INTERNAL USE-DWS-COS-FEB 22-WRL	12,092.40	0.00	1,677,250.92

# Trial balance

Mhlatuze Water

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Date	Account	Operating	Debit	Credit	Net difference	Closing balance
2022/03/31	GL000165637				196,843.58	0.00
						1,874,094.50
2022/03/31	GL000165638				9,790.53	0.00
						1,883,885.03
2022/04/29	GL000165637				272,734.90	0.00
						2,156,619.93
2022/04/29	GL000165638				13,565.19	0.00
						2,170,185.12
2022/05/31	GL000165637				352,283.64	0.00
						2,522,468.76
2022/05/31	GL000165638				17,521.76	0.00
						2,539,990.52
2022/06/30	GL000165637				557,934.55	0.00
						3,097,925.07
2022/06/30	GL000165638				27,750.35	0.00
						3,125,675.42
2022/06/30	GL000167403				6,161.57	0.00
						3,131,836.99
30/06/2022	YE June 22				0.00	0.00
	Closing balance				3,131,836.99	0.00

Total	Operating	Debit	Credit	Net difference	Closing balance
	0.00	3 131 836.99	3 131 836.99	0.00	0.00