

DEPARTMENT OF WATER AND SANITATION

NO. 4801

10 May 2024

NATIONAL WATER ACT, 1998

**PROPOSED RESERVE DETERMINATION OF WATER RESOURCES FOR THE F60 AND G30 CATCHMENTS IN THE BERG-OLIFANTS WATER MANAGEMENT AREA.**

I, Senzo Mchunu, in my capacity as Minister of Water and Sanitation, having complied with section 13 of the National Water Act, 1998 (Act No. 36 of 1998) ("the Act") and Regulation 3 of the Regulations for the Establishment of Water Resource Classification System (Government Notice No. R. 810, Government Gazette No. 33541 of 17 September 2010), and duly authorised in terms of section 16(1) of the Act, hereby publish, for public comment in accordance with section 16(3) of the Act, the proposed determination of the Reserve for water resources for the F60 and G30 catchments in the Berg-Olifants Water Management Area, as set out in the Schedule.

Any person who wishes to submit comments on the proposed Reserve determination must submit their comments in writing within 60 days from the date of publication of this Notice by-

- a) posting such comments to the following address:  
Department of Water and Sanitation  
Director: Reserve Determination', Attention: Mr Yakeen Atwaru  
Ndinaye Building  
Private Bag X313  
**PRETORIA**  
0001;


**OR**

- b) hand delivering such comments to the following address:  
Department of Water and Sanitation  
Director: Reserve Determination', Attention: Mr Yakeen Atwaru  
Ndinaye Building  
178 Francis Baard Street  
**PRETORIA**  
0001;

**OR**

- c) sending such comments electronically to the following e-mail address:  
Email: [AtwaruY@dws.gov.za](mailto:AtwaruY@dws.gov.za)

Comments must be addressed to the Director: Reserve Determination and marked for the attention of Mr Yakeen Atwaru. Comments received after the closing date shall not be considered.

  
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MR SENZO MCHUNU (MP)  
MINISTER OF WATER AND SANITATION  
DATE: 6/2/24

## SCHEDULE

### 1. DESCRIPTION OF WATER RESOURCE

- 1.1. The Reserve is determined for all or part of every significant water resource in the F60 and G30 catchments as set out below:

Water Management Area:      Berg-Olifants  
 Drainage Regions:              F60 and G30 Catchments.

- 1.2. The Reserve is hereby determined for all or part of the water resource referred to in subparagraph 1.1, which classes have been determined in Government Notice No. 467 of 22 April 2016.
- 1.3. The Minister has in terms of section 12 of the National Water Act, 1998 (Act No.36 of 1998) , prescribed a system for classifying water resources by issuing Government Notice No. R. 810, published in *Gazette* No. 33541 dated 17 September 2010. In terms of section 16(1) of the Act, the Minister must, as soon as reasonably practicable after the class of all or part of a water resource has been determined, by Notice in the *Gazette*, determine the Reserve for all or part of that water resource.
- 1.4. The Minister, in terms of section 16(3) of the Act, proposes, for the purpose of section 16(1) of the Act, the following Reserve determination for the F60 and G30 catchments of the Berg-Olifants Water Management Area.

## ANNEXURE A

### 2. ACRONYMS AND DEFINITIONS

#### 2.1 Acronyms used in Annexure B

BHN	Basic Human Needs
EIS	Ecological Importance and Sensitivity
EWR	Ecological Water Requirement
IUA	Integrated Unit of Analysis
NMAR	Natural Mean Annual Runoff
MCM	Million Cubic Metres
PES	Present Ecological Status
REC	Recommended Ecological Category
TEC	Target Ecological Category

#### 2.2 Definitions

In this Notice unless the context indicates otherwise –

“**Baseflow**” means a sustained low flow in rivers during dry or fair-weather conditions and includes contribution from delayed interflow and groundwater discharge;

“**EWR**” means Ecological Water Requirements and refers to the flow patterns (magnitude, timing and duration) and water quality needed to maintain a riverine ecosystem in a particular condition;

“**recharge**” means the addition of water to the zone of saturation, either by downward percolation of precipitation or surface water or the lateral migration of groundwater from adjacent aquifers;

“**the Act**” means the National Water Act, 1998 (Act No. 36 of 1998).

### **3. RESERVE DETERMINATION IN TERMS OF SECTION 16(3) OF THE ACT**

- 3.1 The Reserve determination for the quantity component for the rivers in the F60 and G30 catchments include the EWR sites as illustrated in (Figure 1) of Annexure B, and the basic human needs are as set out in Table 1.1 of Annexure B.
- 3.2 The Reserve determination for the quality component of the rivers at EWR sites in the F60 and G30 catchments are as set out in Tables 2.1 to 2.5 of Annexure B.
- 3.3 The Reserve determination for the Estuaries in the F60 and G30 catchments are as set out in Tables 3.1 to 3.2 and the Threshold of Potential Concerns (TPC's) associated with each of the ecological specifications are also provided in Table 3.3 to 3.6 of Annexure B.
- 3.4 The Reserve determination for the Wetlands in the F60 and G30 catchments are as set out in Table 4.1 of Annexure B.
- 3.5 The Reserve determination for the groundwater contribution to the Reserve for Water Quantity for the F60 and G30 catchments is set out in Table 5.1 of Annexure B.
- 3.6 The Reserve determination for the groundwater contribution to the Reserve for Water Quality for the F60 and G30 catchments is set out in Tables 6.1 to 6.2 of Annexure B.

### **4. COMMENCEMENT**

The Reserve determinations made in this Notice commence on and apply from the date of publication hereof.

The Annexures to this Notice, containing the Reserve determination for the quantity and quality component of the rivers at EWR sites, estuaries, wetlands, groundwater contribution to the Reserve for water quantity and quality for the F60 and G30 catchments, can be accessed from:

<https://www.dws.gov.za/rdm/currentstudies/default.aspx>

or requested from:

Director: Reserve Determination  
Attention: Mr. Yakeen Atwaru  
Department of Water and Sanitation  
Ndinaye Building 5082  
178 Francis Baard Street  
Private Bag x 313  
Pretoria  
0001

E-mail: [atwaruy@dws.gov.za](mailto:atwaruy@dws.gov.za)