DEPARTMENT OF WATER AND SANITATION

NO. 218 **28 FEBRUARY 2020**

CORRECTION NOTICE

In Ordinary *Government Gazette* No. 43015, Government Notice No. 165, published on 14 February 2020, the following pages are replaced as indicated below:

Replace page 233 with the following page:

NATIONAL WATER ACT, 1998

(ACT NO. 36 OF 1998)

DETERMINATION OF WATER RESOURCE CLASSES AND RESOURCE QUALITY OBJECTIVES FOR THE MZIMVUBU CATCHMENT

I, Lindiwe Sisulu, Minister of Human Settlements, Water and Sanitation, hereby in terms of section 13(1) of the National Water Act, 1998 (Act No.36 of 1998) determine the classes of water resources and the resource quality objectives, as set out in the Schedule.

MS LINDIWE SISULU
MINISTER OF HUMAN SETTLEMENTS, WATER AND SANITATION
DATE:

ISAZISO SIKARHULUMENTE

Replace page 260 in the Gazette with the following page:

ISEBE LOKUHLALISWA KWABANTU, AMANZI NOGUTYULO

UMTHETHO WEZAMANZI WESIZWE, 1998

(UMTHETHO NO. 36 KA 1998)

UKUQINGQWA KWAMAHELO EMIJELO YAMANZI NEENJONGO NGEKWALITI YEMIJELO KUMMANDLA WOBONISELO UMZIMVUBU

Mna, Lindiwe Sisulu, isebe loKuhlaliswa kwaBantu, aManzi noGutyulo, ngokwemiqathango yeSiqendu 13(1) SoMthetho wezaManzi weSizwe, ka 1998 (Umthetho No. 36 ka 1998) ndiqingqa amahlelo emijelo yamanzi neenjongo ngekwaliti yemijelo, njengoko kubhaliwe kwi Shedyuli.

MNU. LINDIWE SISULU
ISEBE LOKUHLALISWA KWABANTU, AMANZI NOGUTYULO
UMHLA:

Replace page 238 in the Gazette with the following page:

IUA	Water Resource Class	Quaternary catchment[1]	RU[2]	Water resource[3]	TEC
T36_b: Mzimvubu	I	T36B	MRU Estuary	Mzimvubu Estuary	B

2. RESOURCE QUALITY OBJECTIVES

Resource Quality Objectives for each Resource Unit (RU) are presented in Table 2 to 8 below. All RQOs are applicable from the date signed off, unless otherwise specified by the Minister.

Table 2 provides the hydrological RQOs for rivers expressed in terms of an assigned volume at the Ecological Water Requirement (EWR) sites. The volume assigned for low (base) flows and for high (flood) flows are also provided. The distribution of this volume across the months must be variable according to a natural (unless specified differently) variability. The variability is dependent on the intra-annual (seasonal) and inter-annual patterns of natural flow conditions. Details are provided in technical documents as follows:

- Low (base flows): These flows are provided as a monthly volume in the form of a flow assurance table which provides discharges which must be equal to or exceeding with different percentage frequencies.

- High (flood flows): These flows are a set of flood events defined by a peak discharge in cubic meters per second, an event duration in hours and the frequency of the event. The frequency with which these flood events are expected to occur, as well as the size of each event, is also dependent on the natural variability and this is reflected in the high flow assurance table that defines the volume requirements with different percentage frequencies of exceedance.

Information for MzimEWR1 (Tstitsa River) and MzimEWR4 (Lower Mzimvubu River) are presented as both EWR flows (no dam development) and flows related to Scenario (Sc) 69, i.e. flows required to be released from Ntabelanga and Lalini dams (of the Mzimvubu Water Project (MWP)) to meet downstream ecological requirements. Note that the Sc 69 flows therefore represent the total flows, which include releases, spills and tributary inflows (if relevant) that flow past the EWR site.

Replace page 241 in the Gazette with the following page:

Table 4 RIVERS: RQOs for habitat integrity, riparian vegetation, geomorphology, macroinvertebrates and fish in High Priority RUs

IUA	Water Resource Class	Quaternary catchment[1]	RU	Biophysical node	River	Instream Habitat Integrity	Riparian Habitat Integrity	Fish	Macro-invertebrates	Riparian vegetation	Geomorphology
T35_d	II	T35E	MRU Tsitsa_Ca	MzimEWR1	Tsitsa	**B/C**	**C**	**C**	**C**	**C/D**	**C**
T34_b	II	T34J	MRU Thina_C	MzimEWR2	Thina	**C**	**C**	**B/C**	**C**	**C/D**	**C**
T33_b	II	T33G	MRU Kinira	MzimEWR3	Kinira	**C**	**C**	**C**	**C**	**C/D**	**C**
T36_a	I	T36A	MRU Mzim	MzimEWR4	Mzimvubu	**B/C**	**C**	**C**	**C**	**C/D**	**C**

Table 5 provides the water quality RQOs for each IUA for High Priority RUs, either represented by EWR sites assessed in the Mzimvubu Classification study (shown in bolded text) or high priority 3(WQ) and 4(WQ) sites. Note that water quality includes both the TEC and the user targets as narrative RQOs.

[1] Quaternary catchment where EWR site is located.

Replace page 251 in the Gazette with the following page:

Department of Environmental Affairs. 2012. South African water quality guidelines for coal marine waters. Volume 2: Guidelines for Recreational Use.

Department of Water Affairs and Forestry (DWAF) 1995. South African Water Quality Guidelines for Coastal Marine Waters. Volume 1: Natural Environment. Pretoria.

Department of Water and Sanitation (DWS), South Africa. 2014a. Feasibility Study for the Mzimvubu Water Project Reserve Determination: Volume 2: Estuary DWS Report No: P WMA 12/T30/00/5212/7.

Department of Water and Sanitation (DWS), South Africa. 2014b. Feasibility Study for the Mzimvubu Water Project: Reserve Determination: Volume 3: Estuary Appendices. DWS Report No: P WMA 12/T30/00/5212/7.

Department of Water and Sanitation (DWS), South Africa, 2017. Determination of Water Resource Classes and Resource Quality Objectives for Water Resources in the Mzimvubu Catchment. Estuary EWR Report. Prepared by Council for Scientific and Industrial Research for Scherman Colloty and Associates cc. Report no. WE/WMA7/00/CON/CLA/0717.

UNEP/Nairobi Convention Secretariat and CSIR. 2009. Guidelines for the Establishment of Environmental Quality Objectives and Targets in the Coastal Zone of the Western Indian Ocean (WIO) Region, UNEP, Nairobi, Kenya, 169p.