NOTICE 843 OF 2014

DEPARTMENT OF WATER AND SANITATION

NATIONAL WATER ACT, 1998
(ACT NO.36 OF 1998)

PROPOSED CLASSES OF WATER RESOURCES FOR THE CATCHMENTS OF THE OLIFANTS-DOORN

I, Nomvula Paula Mokonyane, in my capacity as Minister of Water and Sanitation, and duly authorised in terms of section 13(4) of the National Water Act (Act No 36 of 1998) hereby publishes for public comment the proposed classes of water resources for catchments of the Olifants-Doorn, in the Schedule, to be issued under section 13(4) of the said Act.

Any person who wishes to submit written comments with regard to the proposed class should submit the comments within 60 days from the date of publication of this Notice to:

Director: Water Resource Classification
Attention: Ms Shane Naidoo
Department of Water Affairs
Zwamadaka Building 185 Francis Baard Street
Private Bag X313
PRETORIA
0001

E-mail: naidooshane@dwa.gov.za

Facsimile: 012 336 6712

MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION
DATE: 26|08|2014

PROPOSED CLASSES OF WATER RESOURCES FOR THE CATCHMENTS OF THE OLIFANTS-DOORN IN TERMS OF SECTION 13(1)(a) OF THE NATIONAL WATER ACT, 1998 (ACT NO. 36 OF 1998)

SCHEDULE

1. DESCRIPTION OF WATER RESOURCE

1. The proposed classes are determined for all or part of every significant water resource within the catchments of the Olifants-Doorn as set out below:

Drainage Region:	E Primary Drainage Region
River(s):	Olifants and Doring River System
Drainage Region:	G3 Secondary Drainage Region
River(s):	Papkuil, Verlorevlei, Langvlei, Jakkalsvlei and Sandlaagte River Systems
Drainage Region:	F6 Secondary Drainage Region
River(s):	Brak and Sout River Systems

2. The Minister has in terms of section 12 of the National Water Act, Act No.36 of 1998 (the Act), prescribed a system for classifying water resources by promulgating Regulation 810, Government Gazette 33541 dated 17 September 2010. In terms of section 13(1) of the Act, the Minister must, as soon as reasonably practicable after the Minister has prescribed a system for classifying water resources and subject to subsection (4), by notice in the Gazette, determine for all or part of every significant water resource, a class in accordance with the prescribed classification system.

3. The Minister, in terms of section 13(1) of the Act, proposes to determine the following classes of each significant water resource for catchments of the Olifants-Doorn.

2. DETERMINATION OF THE CLASS OF WATER RESOURCES IN TERMS OF SECTION 13(1)(a) OF THE NATIONAL WATER ACT, 1998

1. A summary of the water resource classes for Integrated Units of Analysis (Figure 1) and ecological categories per quaternary catchment (Figure 2) is set out in Table 1.
2. Integrated units of Analysis are classified in terms of their extent of permissible utilization and protection as either Class I: indicating high environmental protection and minimal utilization (Doring Rangelands); or Class II indicating moderate protection and moderate utilization (Upper Olifants Irrigation, Olifants Doring Dry lands, Kouebokkeveld); and Class III indicating sustainable minimal protection and high utilization (Lower Olifants Irrigation). The Mainstream Cumulative Category refers to flows and impacts generated in the quaternary catchment plus all the upstream flows and impacts. Average tributary Incremental ecological category refers to only the proportion of flow that comes from the runoff in the segment of the river or tributary)

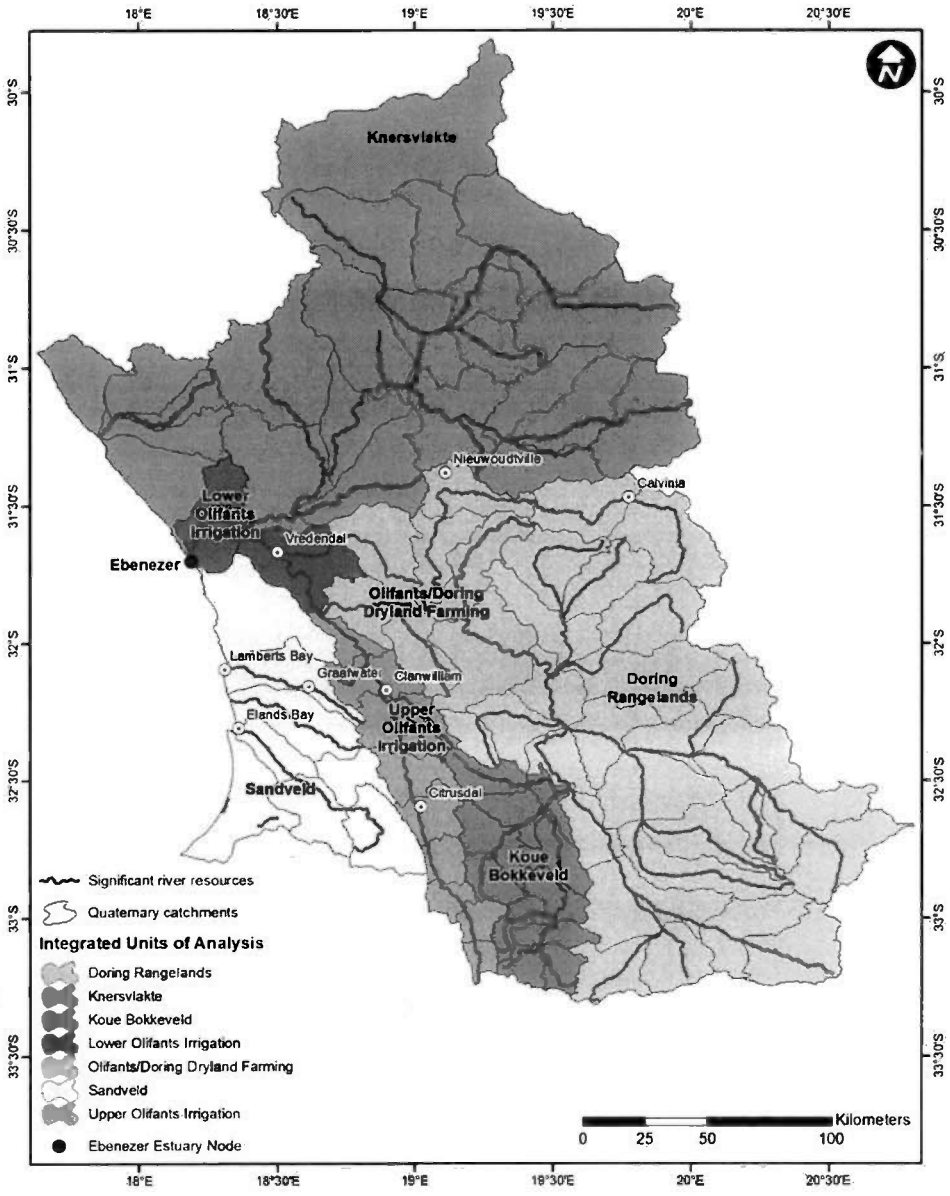

Figure 1: Integrated Units of Analysis in the Olifants Doorn

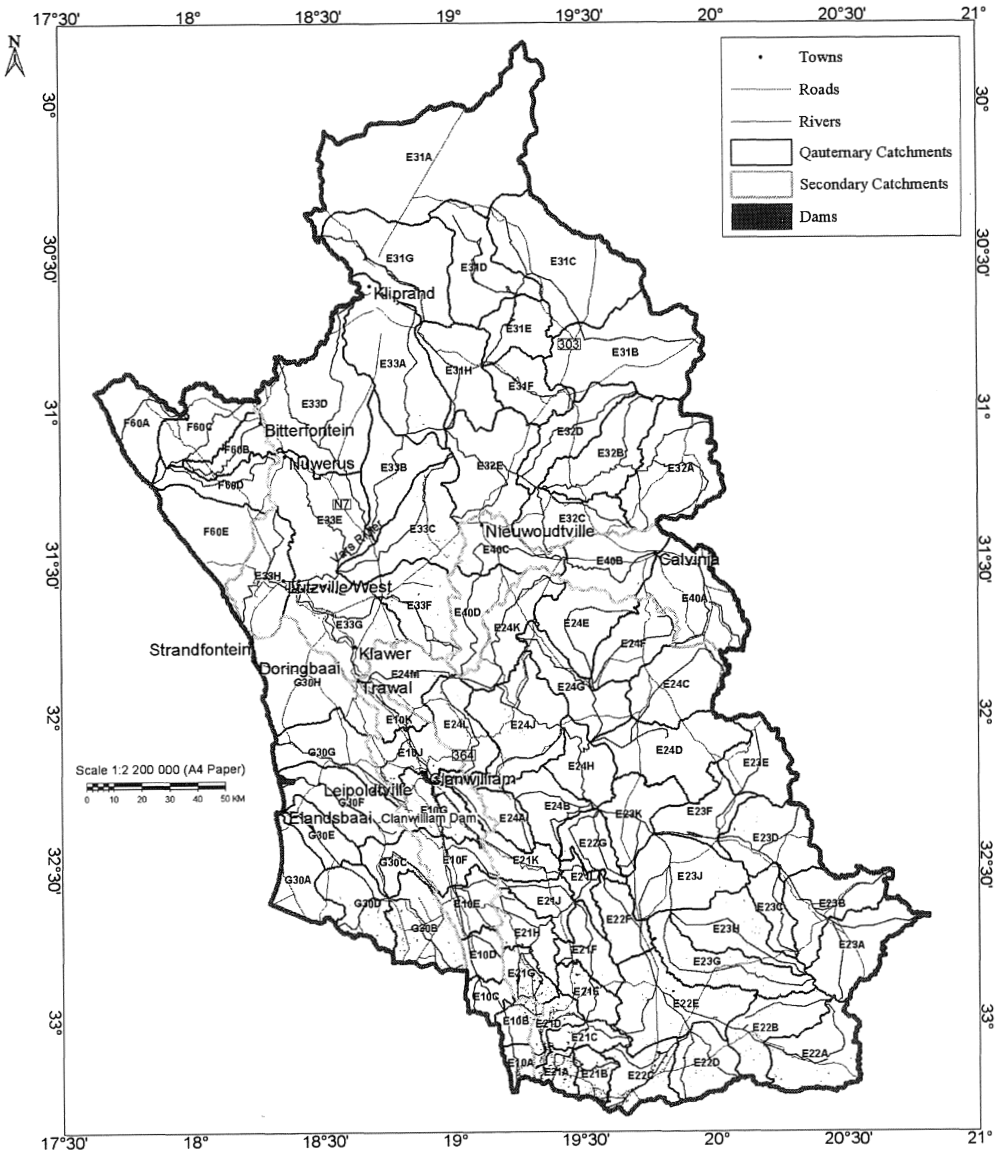

Figure 2: Quaternary catchments within Olifants Doorn

Table 1 Summary of Ecological Categories per Quaternary Catchments

Integrated Unit of Analysis	Class for Integrated Unit of Analysis	Quaternary catchment	River Name	Mainstem / Cumulative Ecological Category	Average Tributary / Incremental Ecological Category	Wetland area (% of quaternary) and [Ecological Category]
Lower Olifants Irrigation	III	E33G	Hol	D	C	1.9% [13% in AB]
		E33H	Olifants	D	B	3.8% [5% in AB]
		E33H	Olifants Estuary	C		-
Upper Olifants Irrigation	II	E10A	Olifants	C	C	-
		E10B	Olifants	C	B	-
		E10C	Olifants	B	B	1.2% [85% in AB]
		E10D	Olifants	D	C	5.4% [16% in AB]
		E10E	Olifants	D	C	5.8% [10% in AB]
		E10F	Olifants	D	C	-
		E10G-Rondegat	Rondegat	B	B	-
		E10G	Olifants	D	C	-
		E10H	Jan Dissels	C	C	3.3% [10% in AB]
		E10J-Jan Dissels	Jan Dissels	D	D	-
		E10J	Olifants	D	C	1.1% [5.5% in AB]
		E10K	Olifants	D	C	1.9% [50% in AB]
Olifants Doring Dryland	II	E24J	Doring	B	B	0.001% [99% in AB]
		E24K	Doring	B	B	-
		E24L	Brandewyn	B	B	0.001% [100% in AB]
		E24M	Doring	B	B	0.001% [100% in AB]
		E33F	Troe-Troe / Droe	D	D	-
		E40C	Oorlogskloof/ Koebee	C	B	-
		E40D	Oorlogskloof/ Koebee	B	B	-
Kouebokkeveld	II	E21A	Kruis	C	C	-
		E21B	Welgemoed	D	D	-
		E21C	Winkelhaak	C	B	0.5% [98% in AB]
		E21D	Houdenbeks	D	D	-
		E21E	Riet	B	B	-
		E21F	Riet	B	B	0.001% [91% in AB]
		E21G	Leeu	D	D	-
		E21H-Twee	Twee	B	B	-
		E21H	Leeu	B	B	-
		E21J	Groot	B	B	-
		E21K	Maatjies	B	B	1.7% [99% in AB]
		E21L	Groot	B	B	-
Doring Rangelands	I	E22A	Doring	B	B	-
		E22B	Doring	B	B	-
		E22C	Tankwa	AB	AB	-
		E22D	Tankwa	AB	AB	-
		E22E	Doring	B	B	-
		E22F	Doring	B	B	-
		E22G	Doring	B	B	0.3% [100% in A]}
		E23A	Tankwa	AB	AB	0.1% [100% in AB]
		E23B	Tankwa	AB	AB	0.1% [100% in AB]
		E23C	Tankwa	AB	AB	0.001% [100% in AB]
		E23D	Tankwa	AB	AB	0.7% [100% in AB]
		E23E	Tankwa	AB	AB	-

Integrated Unit of Analysis	Class for Integrated Unit of Analysis	Quaternary catchment	River Name	Mainstem / Cumulative Ecological Category	Average Tributary / Incremental Ecological Category	Wetland area (% of quaternary) and [Ecological Category]
		E23F	Tankwa	B	AB	0.001% [100% in AB]
		E23G	Ongeluks	AB	AB	-
		E23H	Ongeluks	AB	AB	-
		E23J	Ongeluks	AB	AB	-
		E23K	Tankwa	B	AB	-
		E24A	Tra-tra	B	B	0.1% [100% in AB]
Doring Rangelands	I	E24B	Tra-tra	B	B	0.001% [95% in AB]
		E24C	Bos	C	AB	0.8% [100% in AB]
		E24D	Bos	C	AB	0.1% [100% in AB]
		E24E	Wolf	AB	AB	-
		E24F	Wolf	AB	AB	0.001% [79% in AB]
		E24G	Wolf	AB	AB	0.001% [100% in AB]
		E24H	Doring	B	B	-
		E40A	Oorlogskloof	C	C	-
		E40B	Oorlogskloof	C	C	0.001% [100% in AB]
Knersvlakte	I	E31A	Kromme	B	B	0.3% [100% in AB]
		E31B	Kromme	B	B	0.1% [99% in AB]
		E31C	Kromme	B	B	0.001% [100% in AB]
		E31D	Kromme	B	B	-
		E31E	Kromme	B	B	-
		E31F	Kromme	B	B	-
		E31G	Kromme	B	B	-
		E31H	Hantams	B	B	-
		E32A	Hantams	B	B	0.1% [95% in AB]
		E32B	Hantams	B	B	0.001% [100% in AB]
		E32C	Hantams	B	B	0.1% [24% in AB]
		E32D	Hantams	B	B	-
		E32E	Hantams	B	B	2.2% [48% in AB]
		E33A	Sout	C	B	0.001% [100% in AB]
		E33B	Sout	C	B	0.2% [100% in AB]
		E33C	Sout	C	C	1.1% [92% in AB]
		E33D	Sout	C	C	-
		E33E	Sout	C	C	1% [99% in AB]
		F60A	Brak	B	B	0.001% [1% in AB]
		F60B	Klein-Goerap	B	B	-
		F60C	Sout	B	B	0.001% [1% in AB]
		F60D	Groot-Goerap	B	B	0.001% [19% in AB]
		F60E	Groot-Goerap	B	B	0.001% [3.5% in AB]
Sandveld	III	G30A	Papkuils	C	C	4.1% [35% in AB]
		G30B	Kruismans	C	C	0.9% [10% in AB]
		G30C	Bergvallei	C	C	1.5% [7% in AB]
		G30D	Verlorevlei	C	C	0.8% [3% in AB]
		G30E	Verlorevlei	B	C	7.9% [3% in AB]
		G30E-Estuary	Verlorevlei	C		-
		G30F	Langvlei	C	C	1.5% [5% in AB]
		G30G	Jakkalsvlei	C	C	0.9% [11% in AB]
		G30H	Sandlaagte	C	C	1.4% [25% in AB]