

NOTICE 822 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 UPPER VAAL**

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 Upper Vaal, 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 classes should submit the comments within 60 days from the date of publication of this Notice to:

Director: Water Resource Classification
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MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 26/08/2014

SCHEDULE

PROPOSED CLASSES OF WATER RESOURCE FOR CATCHMENTS OF THE UPPER VAAL IN TERMS OF SECTION 13(1)(A) OF THE NATIONAL WATER ACT, 1998, ACT NO.36 OF 1998

DESCRIPTION OF WATER RESOURCE

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

Water Management Area:	Vaal
Drainage Region:	C Primary Drainage Region
River(s):	Vaal River System

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 Upper Vaal.

**DETERMINATION OF THE CLASS OF WATER RESOURCE 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 for the Upper Vaal 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; or Class II indicating moderate protection and moderate utilization; and Class III indicating sustainable minimal protection and high utilization.

1. Water Resource Classes of the Upper Vaal catchments

Table 1: Water Resource Classes per Integrated Unit of Analysis and Ecological Categories per Biophysical Node

Integrated Unit of Analysis (IUA)	Water Resource Class for IUA	Biophysical Node Name	Quaternary Catchment	Major River Name	Tributary Name	Gross Catchment Area (km ²)	Natural MAR (million m ³ /a)	Present Ecological State	Recommended Ecological Category
Vaal River upstream of Grootdraai Dam (UA)	II	UA.1	C11A	Vaal		197	13.27	B/C	B
		UA.2	C11B	Vaal		1073	69.33	C	C
		UA.3	C11E	Rietspuit	Skulpspruit	215	12.03	C	C
		UA.4	C11E	Vaal	Rietspuit	746	41.73	C	C
		UA.5	C11D	Vaal	Klein Vaal	533	41.66	C/D	C/D
		UA.6	C11G	Vaal	Drinkwaterspruit	1331	66.07	C/D	C/D
		UA.7	C11H	Vaal	Blesbokspuit	1084	70.66	C/D	C/D
		UA.8	C11K	Vaal	Kaalspruit	355	18.62	B/C	B/C
		UA.9	C11K	Vaal	Leeuspruit	340	18.07	C	C
		EWRIE	C11C	Vaal	Klein Vaal	318	26.09	C	C
		EWRI1	C11J	Vaal		4984	288.8	B/C	B/C
		UB.1	C13C	Vaal	Klip	88	5.67	B	B
		UB.2	C13C	Vaal	Klip	837	54	B/C	B
		UB.3	C13D	Vaal	Klip (Grootdraai)	1090	68.04	B/C	B
Klip River (Free State) (UB)	II	UB.4	C13A	Klip	Sandspruit	595	51.37	C	C
		UB.5	C13B	Klip	Sandspruit	1139	78.84	C	C
		UB.6	C13E	Klip	Komandospuit	603	33.6	B/C	B
		UB.7	C13F	Vaal	Klip (Grootdraai)	4129	248.05	C/D	C/D
		UB.8	C13G	Klip	Spruitsonderdrif	435	20.8	C	C
		UB.9	C13H	Vaal	Klip	589	19.22	C/D	C/D
		EWRI6	C13D	Vaal	Klip	1583	95.31	B/C	B/C
		UC1.1	C81B	Vaal	Wilge	591	69.03	B	B
		UC1.2	C81B	Vaal	Wilge	932	81.11	C	C
		UC1.3	C81L	Wilge	Meul	364	26.49	B	B
		UC1.4	C81M	Wilge	Meul	1831	104.03	C	C
		UC1.5	C82A	Wilge	Cornelius	156	7.82	C	C
		UC1.6	C82B	Wilge	Cornelius	812	39.63	C	C
		EWRI7	C81A	Vaal	Wilge	170	23.47	A/B	A/B
Upper Wilge River (UC1)	II	UC2.1	C81F	Vaal	Elands	1405	114.76	C/D	C/D
		UC2.2	C81G	Elands	Klerkspruit	435	22.13	C	C
		UC2.3	C81G			115	5.85	B	B
		UC2.4	C81J	Wilge	Vaalbankspruit	392	12	C	C
		UC2.5	C81C	Nuwejaarspruit	Fraser/Modder	250	18.41	B/C	B/C
		UC2.6	C81E	Wilge	Nuwejaarspruit	527	39.87	C	C
		UC2.7	C82D	Wilge	Rus-se-spruit	572	19.6	C	C
		EWRI8	C82C	Vaal	Wilge	7503	474.25	C	C
Wilge River and tributaries (UC2)	II								

Table 1: Water Resource Classes per IUA and Ecological Categories per Biophysical Node (continued)

Integrated Unit of Analysis (IUA)	Water Resource Class for IUA	Biophysical Node Name	Quaternary Catchment	Major River Name	Tributary Name	Gross Catchment Area (km ²)	Natural MAR (million m ³ /a)	Present Ecological State	Recommended Ecological Category
Lower Wilge River (UC3)	II	UC3.1	C82G	Wilge	Holspruit	729	32.9	C	C
		UC3.2	C82G	Wilge	Wilge Trib	152	6.34	B/C	B/C
		UC3.3	C82F	Wilge	Grootspruit	296	11.08	C	C
		UC3.4	C82H	Vaal	Wilge	10633	591.39	C/D	C/D
Liebenbergsvlei River (UD)	III	UD.1	C83A	Liebenbergsvlei		375	14.36	C	C
		UD.2	C83D	Liebenbergsvlei	Tierkloof	465	12.42	C	C
		UD.3	C83E	Liebenbergsvlei	Tierkloof	891	23.31	C	C
		UD.4	C83G	Liebenbergsvlei	Unnamed tributary	139	4.74	B/C	B
		UD.5	C83H	Liebenbergsvlei	Unnamed tributary	76	2.66	B/C	B
Waternal River (UE)	III	UE.1	C12D	Vaal	Waternal	695	59.33	C	C
		UE.2	C12F	Vaal	Waternal	970	80.37	D	D
		UE.3	C12F	Waternal	Unnamed tributary	41	2.12	C	C
		UE.4	C12F	Vaal	Waternal	2278	149.84	D	D
		UE.5	C12G	Vaal	Waternal	2787	177.67	D	D
		UE.1	C83K	Wilge	Kromspruit	546	25.7	C	C
Kromspruit and Skulpspruit (UF)	II	UF.2	C83L	Vaal	Klip (flows into Vaal Dam from FS)	765	35.59	C	C
Vaal River from Grootdraai Dam to Vaal Dam (UG)	II	UG.1	C11M	Vaal	Brakspuit	75	3.36	C	C
		UG.2	C12A	Vaal	Venterspruit	485	21	C	C
		UG.3	C12K	Vaal	Molspruit	479	22	C	C
		UG.4	C12J	Vaal	Bankplaasspruit	344	12.43	C	C
		EW2	C11M	Vaal		7995	457.68	C	C
		EW3	C12H	Vaal		15638	852.13	C	C
		UH.1	C21A	Vaal	Suikerbosrand	707	28.65	B/C	B
Suikerbosrand River (UH)	II	EW9	C21C	Vaal	Suikerbosrand	1175	31.31	C	B/C
Klip River (Gauteng) (UI)	III	UI.1	C22C	Klip River	Rietspruit	857	36.6	E	D
		UI.2	C22D	Vaal	Klip River	893	39.21	E	D
		UI.3	C22E	Vaal	Klip River	2309	96.98	E	D
		UI.4	C22J	Vaal	Rietspruit	926	22.1	D/E	D
		EW10	C21G	Vaal	Suikerbosrand	3271	86.97	C/D	C/D
Taaibosspruit (UJ)	III	EW11	C21F	Suikerbosrand	Biesbokspruit	1098	29.14	D	D
		UJ.1	C22G	Vaal	Taaibosspruit	831	18.4	D	D
Kromelmspruit (UK)	III	UK.1	C23B	Vaal	Kromelmspruit	724	14.3	C	C
Mooi River (UL)	III	UL.1	C23F	Vaal	Mooi River	1324	37.69	C/D	C/D
		UL.2	C23E	Mooi	Moorivierloop	1360	25.96	E	D
		UL.3	C23K	Mooi	Loopspruit	890	20.26	E	D
		UL.4	C23L	Vaal	Mooi	5535	132.21	D	D
		EW2RE	C23G	Vaal	Mooi	1324	37.69	D	D

Table 1: Water Resource Classes per IUA and Ecological Categories per Biophysical Node (continued)

Integrated Unit of Analysis (IUA)	Water Resource Class for IUA	Biophysical Node Name	Quaternary Catchment	Major River Name	Tributary Name	Gross Catchment Area (km ²)	Natural MAR (million m ³ /a)	Present Ecological State	Recommended Ecological Category
Vaal River reach from Vaal Dam to C23L (UM)	III	EWR4	C22F	Vaal		38638	1977.26	C	B/C
		EWR5	C23L	Vaal		49739	2288.01	C/D	C

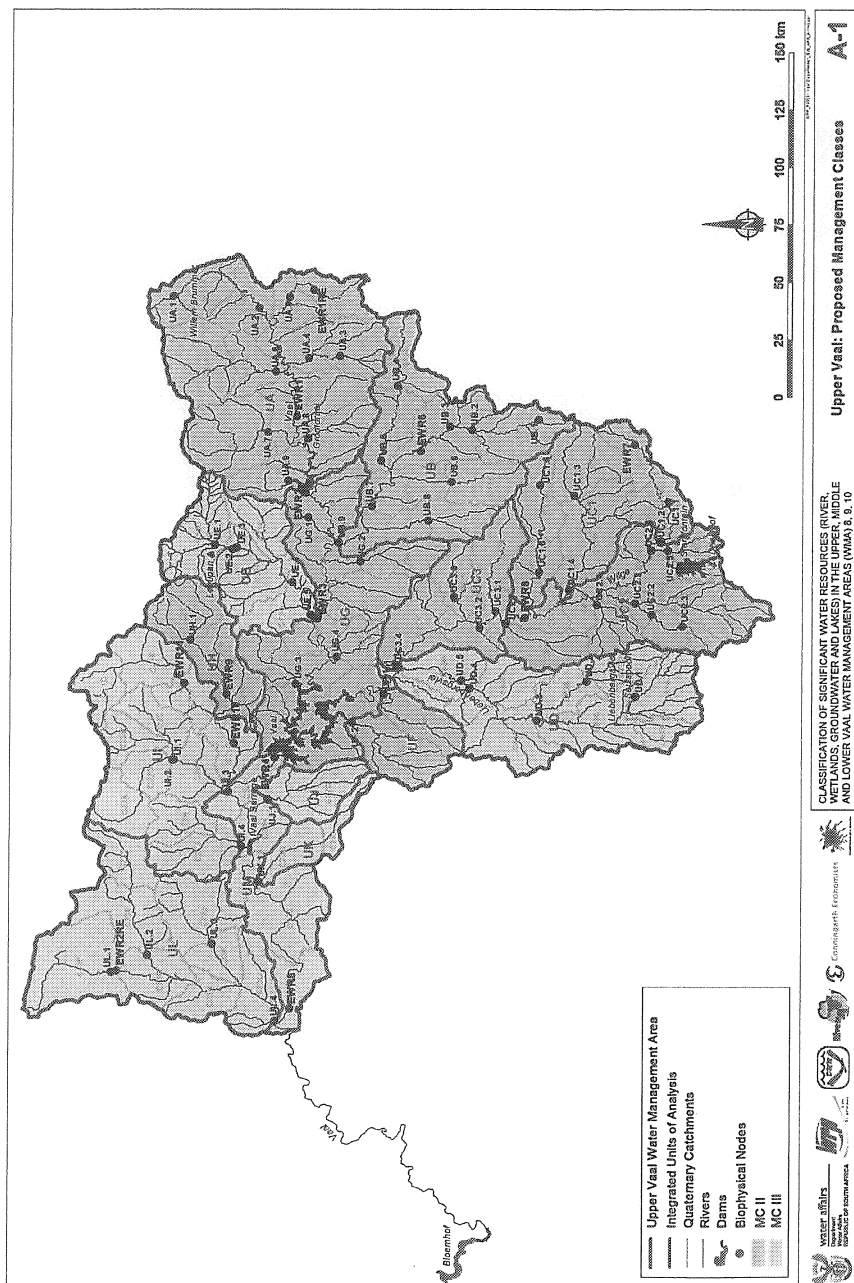


Figure 1: Integrated Units of Analysis in the Upper Vaal