

No. 547

20 July 2012

PROPOSED NEW NINE (9) WATER MANAGEMENT AREAS OF SOUTH AFRICA

I, Bomo Edna Edith Molewa, the Minister of Water and Environmental Affairs hereby, in terms of Section 5(1) of the National Water Act, 1998 (Act No 36 of 1998) invite written comments on the establishment of these water management areas within 90 days of the gazette notice, establish the water management areas and determine their boundaries as contained in the Schedule hereto as a component of the National Water Resource Strategy. Included are the old water management areas (Table A.1) for comparison with the current water management areas (Table A.2). All the comments are to be forwarded to the Director-General, attention to the Chief Director: Institutional Oversight.

SCHEDULE

Water Management Areas

19 water management areas were established by, and their boundaries defined in Government Notice No. 1160 on 1st October 1999, as follows -

Table A.1: Boundary descriptions of water management areas as Gazetted in NWRS in 2004

Water Management Area (number and current name)	Boundary Description
1. Limpopo: Major rivers include the Limpopo, Matlabas, Mokolo, Lephahala, Mogalakwena, Sand and Nzhelele	Tertiary drainage regions A41, A42, A50, A61 to A63, A71, A72 and A80.
2. Luvuvhu and Letaba: Major rivers include the Mutale, Luvuvhu and Letaba	Tertiary drainage regions A91, A92, B81 to B83 and B90.
3. Crocodile (West) and Marico: Major rivers include the Crocodile (West) and Marico	Tertiary drainage regions A10, A21 to A24, A31, A32 and quaternary drainage region D41A.
4. Olifants: Major rivers include the Elands, Wilge, Steelpoort and Olifants	Tertiary drainage regions B11, B12, B20, B31, B32, B41, B42, B51, B52, B60 and B71 to B73.
5. Inkomati: Major rivers include the Nwanedzi, Sabie, Crocodile (East) and Komati	Primary drainage region X.
6. Usutu to Mhlatuze: Major rivers include the Usutu, Pongola, Mhlatuze, Mfolozi and Mkuze	Primary drainage region W.
7. Thukela: Major river is the Thukela	Primary drainage region V.
8. Upper Vaal: Major rivers include the Wilge, Liebenbergsvlei and Vaal	Tertiary drainage regions C11 to C13, C21 to C23, and C81 to C83.
9. Middle Vaal: Major rivers include the Mooi, Vet and Vaal	Tertiary drainage regions C24, C25, C41 to C43, C60 and C70.
10. Lower Vaal: Major rivers include the Harts, Molopo and Vaal	Tertiary drainage regions C31 to C33, C91, C92 (excluding the lower portions of quaternary catchments C92B and C92C), D41 (excluding quaternary catchment D41A), and quaternary catchments D73A and portions of D42C, D42D, D73B, D73C, D73D and D73E. The western boundary runs from the border between South Africa and Botswana along the boundary of the Kalahari East Water User Association (WUA). It follows the boundary of the mentioned WUA in a westerly direction to a point, west of the Langberge, 19 kilometres west of Beeshoek, near Postmasburg. The Water Management Area boundary then runs South East to meet the watershed between quaternary catchments D73A and D73B. The boundary then follows this watershed and that between D73A and D71B, until it meets the boundary of the Hay district. It follows this boundary until it meets the watershed between D71B and C92C. The Water Management Area boundary continues along this watershed until it meets the boundary of the Orange Vaal Water User Association. It continues south-easterly on this boundary until it meets the watershed between C92B and C51M where it follows this watershed and that between C92B and C51L. Thereafter it follows the watershed between C51L and C91E. It continues on this

Table A.1 continued: Boundary descriptions of water management areas as Gazetted in NWRS in 2004

Water Management Area (number and current name)	Boundary Description
	watershed until it reaches the farm boundary of Wolwe Dam 87. The Water Management Area boundary then follows the mentioned farm boundary up to the farm boundary of Vaalboschhoek 85. It then follows successive farm boundaries as they meet, progressively moving in a westerly direction, namely: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Spijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauwheidsfontein 442, Olifantskop 196, Sussana 197, and Olifantsdam 170. The Water Management Area boundary then follows the eastern boundary of Olifantsdam 170 in a northerly direction to include the farm Olifantsrug 293 until it meets the watershed between C91E and C52L. Hereafter, the Water Management Area boundary follows the boundaries of the drainage regions as mentioned initially in this description.
11. Mvoti to Umzimkulu: Major rivers include the Mvoti, Umgeni, Umkomazi and Umzimkulu	Primary drainage region U and tertiary drainage regions T40, T51 and T52.
12. Mzimvubu to Keiskamma: Major rivers include the Mzimvubu, Mtata, Mbashe, Buffalo, Nahoon, Groot Kei and Keiskamma	Primary drainage regions R and S, and also tertiary drainage regions T11 to T13, T20, T31 to T36, T60, T70, T80 and T90.
13. Upper Orange: Major rivers include the Modder, Riet, Caledon and Orange	Tertiary drainage regions C51, C52, D11 to D18, D21 to D24, D31, D32, D33 (noting that the lower portion of quaternary catchment D33K is excluded where the Water Management Area boundary follows the boundary of the Orange Vaal WUA), D34 and D35.
14. Lower Orange: Major rivers include the Ongers, Hartbees and Orange	Primary drainage region F (excluding quaternary catchments F50D, F60B, F60C, F60D and F60E), tertiary drainage region D42 (excluding portions of quaternary catchments D42C and D42D), D51 to D58, D61, D62, D71 to D73 (excluding quaternary catchment D73A and portions of D73B, D73C, D73D and D73E), D81, D82. In the area of the confluence of the Vaal and Orange Rivers the Water Management Area boundary follows the boundary of the Orange Vaal Water User Association until it meets the boundary of Water Management Area 10. Hence, the lower portions of quaternary catchments C92B and C92C are included in this Water Management Area.
15. Fish to Tsitsikamma: Major rivers include the Fish, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Tsitsikamma and Groot	Primary drainage regions L, M, N, P, Q and tertiary drainage regions K80 and K90.
16. Gouritz: Major rivers include the Gouritz, Olifants, Kamanassie, Gamka, Buffels, Touws, Goukou and Duiwenhoks	Primary drainage region J and tertiary drainage regions H80, H90, K10 to K70.
17. Olifants/Doom: Major rivers include the Olifants, Doom, Krom, Sand, and Sout	Primary drainage region E and tertiary drainage regions G30 and F60 (excluding quaternary catchment F60A) and quaternary catchment F50D.
18. Breede: Major rivers include the Breede, Sonderend, Sout, Bot and Palmiet	Tertiary drainage regions G40 (excluding quaternary catchment G40A), G50, and H10 to H70.
19. Berg: Major rivers include the Berg, Diep and Steenbras	Tertiary drainage regions G10, G21, and G22 and quaternary catchment G40A with the northern boundary following the watershed between tertiary drainage regions G10 and G30 up to the town of Aurora. From Aurora the boundary runs directly to the coast in a westerly direction.

Table A.2: Revised (2012) water management area boundary descriptions

Water Management Area (number and current name)	Boundary Description
1. Limpopo: Major rivers include the Limpopo, Matlabas, Mokolo, Lephatala, Mogalakwena, Sand, Nzhelele, Mutale and Luvuvhu	Primary drainage region A
2. Olifants: Major rivers include the Elands, Wilge, Steelpoort, Olifants and Letaba	Primary drainage region B
3. Inkomati-Usuthu: Major rivers include the Nwanedzi, Sabie, Crocodile (East), Komati and Usuthu	Primary drainage region X and the portions of tertiary drainage regions W51 to W56 falling within the boundary of the RSA
4. Pongola-Mtamvuna: Major rivers include the Pongola, Mhlatuze, Mfolozi, Mkuze, Thukela, Mvoti, Umgeni, Umkomazi, Umzimkulu and Mtamvuna	Tertiary drainage regions W11 to W13, W31 to W32, W41, W45, and the portions of W42, W43, W44 and W57 falling within the boundary of the RSA; Primary drainage regions V and U; Tertiary drainage regions T40, T51 and T52
5. Vaal: Major rivers include the Wilge, Liebenbergsvlei, Mooi, Renoster, Vals, Sand, Vet, Harts, Molopo and Vaal	Tertiary drainage regions C11 to C13, C21 to C25, C31 to C33, C41 to C43, C60, C70 and C81 to C83; Tertiary drainage regions, C91, C92 (excluding the lower portions of quaternary catchments C92B and C92C), D41 and portions of quaternary catchments D42C, D42D, D73A, D73B, D73C, D73D and D73E. The western boundary runs from the border between South Africa and Botswana along the boundary of the Kalahari East Water User Association (WUA). It follows the boundary of the mentioned WUA in a westerly direction to a point, west of the Langberge, 19 kilometres west of Beeshoek, near Postmasburg. The Water Management Area boundary then runs South East to meet the watershed between quaternary catchments D73A and D73B. The boundary then follows this watershed and that between D73A and D71B, until it meets the boundary of the Hay district. It follows this boundary until it meets the watershed between D71B and C92C. The Water Management Area boundary continues along this watershed until it meets the boundary of the Orange Vaal Water User Association. It continues south-easterly on this boundary until it meets the watershed between C92B and C51M where it follows this watershed and that between C92B and C51L. Thereafter it follows the watershed between C51L and C91E. It continues on this watershed until it reaches the farm boundary of Wolwe Dam 87. The Water Management Area boundary then follows the mentioned farm boundary up to the farm boundary of Vaalboschhoek 85. It follows successive farm boundaries as they meet, progressively moving in a westerly direction, namely: Weltevrede 117, Vaalpan 118, Koppiesdam 119, Spijt Fontein 122, Kareebosch 130, Osfontein 121, Benaauweheidsfontein 442, Olifantskop 196, Sussana 197, and Olifantsdam 170. The Water Management Area boundary then follows the eastern boundary of Olifantsdam 170 in a northerly direction to include the farm Olifantsrug 293 until it meets the watershed between C91E and C52L. Hereafter, the Water Management Area boundary follows the boundaries of the drainage regions as mentioned initially in this description.
6. Orange: Major rivers include the Modder, Riet, Caledon, Kraai, Ongers, Hartbees and Orange	Tertiary drainage regions C51 (excluding a portion of quaternary catchment C51L), C52 (excluding a small portion of quaternary catchment C52L), D12 to D14, the portions of D15 and D18 that falls within the boundary of the RSA, D21, the portion of D23 that falls within the boundary of the RSA, D24 (excluding the portion of quaternary catchment D24A that falls in Lesotho), D31 to D35; Tertiary drainage region D42 (excluding portions of quaternary catchments D42C and D42D), D51 to D58, D61, D62, D71 to D73 (excluding portions of quaternary catchments D73A, D73B, D73C, D73D and D73E), D81, D82. In the area of the confluence of the Vaal and Orange Rivers the Water Management Area boundary follows the boundary of the Orange Vaal Water User Association until it meets the boundary of Water Management Area 5. Hence, the lower portions of quaternary catchments C92B and C92C are included in this Water Management Area. Primary drainage region F (excluding quaternary catchments F50D, F60B, F60C, F60D and F60E).
7. Mzimvubu to Tsitsikamma: Major rivers include the Mzimvubu, Mtata, Mbashe, Buffalo, Nahoon, Groot Kei and Keiskamma, Fish, Kowie, Boesmans, Sundays, Gamtoos, Kromme, Groot and Tsitsikamma	Primary drainage regions P, Q, R, S, L, M and N, tertiary drainage regions T11 to T13, T20, T31 to T36, T60, T70, T80, T90, K80 and K90

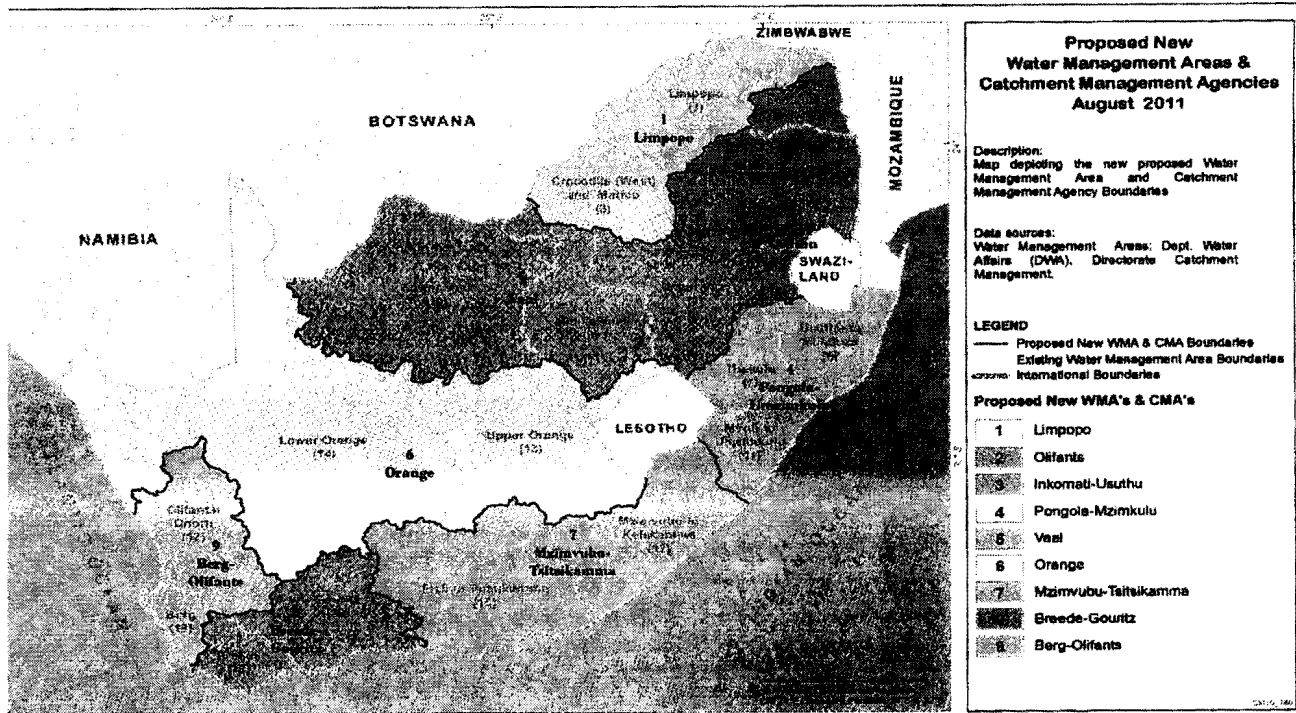
Table A.2 continued: Revised (2012) water management area boundary descriptions

Water Management Area (number and current name)	Boundary Description
8, Breede-Gouritz: Major rivers include the Breede, Sonderend, Sout, Bot, Palmiet, Gouritz, Olifants, Kamanassie, Gamka, Buffels, Touws, Goukou and Duiwenhoks	Primary drainage region H and J; Tertiary drainage regions G40 (excluding quaternary catchment G40A) and G50; Tertiary drainage regions K10 to K70
9. Berg-Olifants: Major rivers include the Berg, Diep, and Steenbras, Olifants, Doorn, Krom, Sand, and Sout	Tertiary drainage regions G10 to G30 and quaternary catchment G40A; Primary drainage region E and tertiary drainage regions F60 (excluding quaternary catchment F60A) and including quaternary catchment F50D

Table A.3: Details of amendments to water management area boundaries

Water Management Area Boundary	Proposed Boundary Amendment
Limpopo	The Crocodile West WMA is merged with Crocodile West excluding the Upper-Molopo which is included in the Vaal.
Olifants	The Olifants WMA is merged with the Levuvhu-Letaba, but the Luvuvhu is split from the Luvuvhu-Letaba and added to the Limpopo.
Inkomati-Usuthu	The Inkomati WMA was retained and the Usuthu part of the Usutu/Mhlathuze was added to the Inkomati.
Pongola-Mtamvuna	The Mhlathuze, Thukela and Mvoti-Umzimkulu WMAs, with rivers flowing eastward into the Indian Ocean were combined into a single WMA.
Vaal	The three Vaal WMAs (Upper, Mid and Lower-Vaal) were combined into a single WMA.
Orange	The upper and lower Orange River WMAs were combined into a single WMA.
Mzimvubu-Tsitsikamma	The Mzimvubu-Keiskamma and Fish-Tsitsikamma WMAs were combined into a single WMA.
Breede Gouritz	The Breede and Gouritz WMAs were combined into a single WMA.
Berg Olifants	The Berg and Olifants-Doorn WMAs were combined into a single WMA.

Proposed new nine Water Management Areas in which CMAs will be established



MRS B E E MOLEWA, MP
MINISTER OF WATER AND ENVIRONMENTAL AFFAIRS

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